

ROMA EAST SD22 ECOLOGICAL CONSTRAINTS MAPPING



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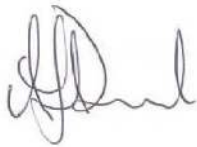
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Dr Andrew Daniel
Managing Director

Date: February 2022

SD22 EAST ECOLOGICAL CONSTRAINTS MAPPING

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Abbreviations

- EA Environmental Authority
- ESA Environmentally Sensitive Area
- DES Department of Environment and Science
- DNR Department of Natural Resources
- RE Regional Ecosystems
- VM Act Queensland's Vegetation Management Act 1999
- TEC Threatened Ecological Community

1.0 Introduction

1.1 Background and Purpose

Terrestria Pty Ltd has prepared this report for Santos Pty Ltd for the purpose of providing an independent ecological mapping assessment of the eastern section of SD22 (Survey area), Southern Queensland (Survey area) (**Figure 1.1**).

On-ground and desktop assessments have been conducted in accordance with requirements set out under the Methodology for Assessing Ecological Values (0007-650-PRO-0007). Ecological values that were assessed include:

- Functional regional ecosystem (Endangered and Of Concern) and Threatened Ecological Community¹ (TEC) verification;
- BioCondition assessments within all Assessment Units (AUs) as per Guide to determining terrestrial habitat quality (2020);
- MNES/MSES fauna habitat assessment plus incidental threatened fauna observations;
- Fauna habitat mapping of all threatened fauna;
- MNES/MSES flora habitat assessment, plus incidental threatened flora observations;
- Protected plant survey in high-risk trigger areas and areas where EPBC species are considered likely (e.g. Belson's Panic); and
- Incidental fauna sightings.

1.2 General Survey Area Description

SD22 East extends from just east of Wallumbilla township to west of the Yuelba Taroom Road and north to Anaby Creek (**Figure 1.1**). The Survey area is dissected north-south by Yuelba Creek and in a north-westerly – south-easterly direction by Kangaroo Creek. The Survey area is dominated by cleared cattle pastures with some notable areas of native vegetation, including Yuelba State Forest in the east and the Burnside Station in the west.

¹ EPBC act 1999

2.0 Methodology

Field and desktop assessments were carried out in accordance with:

- Methodology for Assessing Ecological Values (0007-650-PRO-0007)
- Santo's Procedure for Conducting Vegetation Assessments, Document Number: 0007-650-PRO-0008,
- Procedure for Conducting Preliminary Ecological Desktop Assessments (0007-650-PRO-0009)
- Procedure for Conducting Wetland Assessments (3301-GLNG-4-1.3-0016)
- Guideline for Conducting Vegetation Community Assessments: A Guide to Using the 'Procedure for Vegetation Community Assessments' (0007-650-GDE-0002).

Results from the protected matters search tool, WildNet database and State 1:10,000 regional ecosystem mapping have been used to build up a picture of the potential values present on or close to the Survey area. The field assessment has identified the existence of these values on-ground and the impact assessment guideline has been used to assess whether proposed actions will have a significant impact on any matters of national environmental significance.

2.1 Desktop Review

Prior to the field investigation, all available spatially explicit data and imagery was interrogated in order to build up a picture of the native vegetation community types, distribution and condition across the Survey area.

2.1.1 Native Vegetation Community base mapping

A base map of the likely vegetation communities and associated regional ecosystems was developed within ArcMap. The following State government mapping was downloaded and imported into the GIS platform to provide a basis for polygon attribution.

- Detailed Surface Geology 1:250,000 (DNR 2015) (**Figure 3.1**); and
- DES's VM Act Regional Ecosystem and Remnant Mapping-Version 11 (**Figure 3.2**).
- High Value Regrowth Mapping

Line work for the 1:100,000 state mapping was refined, and areas of native vegetation not mapped by the large-scale state mapping were mapped for field validation. Areas of unmapped native vegetation were mapped in a separate layer at 1: 6,000 to provide an estimate of the area and number of extra polygons that may also require mapping or condition assessment work.

2.1.2 Threatened Species Modelling

The results of database searches and species identified in Boobook (2020) were used to inform the field investigation and target species listed under the EPBC Act and/or NC Act. Information gained from this phase of the study has been used to:

- Identify communities and species of significance known from the locality;

- Determine which species of significance are most likely to occur if suitable habitat is located within the Survey area. Those species that are known from nearby records and State mapping are considered more likely to occur if suitable habitat is located; and
- Identify significant areas and planning constraints associated with statutory mapping within the Survey area.

This work was used to focus survey efforts and develop field work programs.

2.2 Field Assessments

Ecological surveys using the methods detailed above, were undertaken between November 2020 and February 2021. The location of field survey sites are given in **Appendix A** and field data sheets are presented in **Appendices B, C** and **D**.

2.2.1 Nomenclature and taxonomy

Scientific names of flora cited in this report follow Bostock and Holland (2018). Common names for plants are used where helpful and are cited before the scientific name where they are used.

Fauna nomenclature follows the International Ornithological Committee checklist (for birds) and DEHP's WildNet database taxonomy (for all other fauna), unless otherwise noted. Some notable references include; Churchill (2008), Debus (2012), Van dyck et al., (2013), Cogger (2000), Crome and Shields (1992), Marchant and Higgins (1993), Menkhorst and Knight (2004), Pizzey and Knight (2012), Wilson (2015).

2.2.2 Vegetation Condition Assessment

BioCondition sites were established in all major vegetation assessment units (AUs) using the BioCondition classes and scores derived from the BioCondition – A Terrestrial Vegetation Condition Assessment Tool for Biodiversity in Qld (Eyre et al. 2006).

In accordance with the bio-condition methodology the following site-based condition attributes were assessed:

- Presence of large trees;
- Tree canopy height;
- Recruitment of canopy species;
- Tree canopy cover (%);
- Shrub layer cover (%);
- Coarse woody debris;
- Native plant species richness for four life forms;
- Non-native plant cover;
- Native perennial grass cover (%); and
- Litter cover.

Section 1.4.2.1 Box 1.3 of the *Guide to Determining Terrestrial Habitat Quality* (DES 2020) allows for the reduction in the number of assessment units required “if it can be demonstrated that an assessment unit contains multiple discrete polygons that are uniform or in the same general condition”.

To demonstrate that multiple discrete polygons of the same mapped assessment unit are in the same general condition, sufficient field data was taken during vegetation community mapping across the survey area to show uniformity and consistency in vegetation condition².

These data demonstrates that mapped vegetation types can be classified into 4 categories of relatively uniform condition for offsetting purposes. These categories will be:

- Remnant RE,
- Functional Regrowth RE; and
- Young Non-functional Regrowth RE.

All mapped vegetation polygons have been classified into one of these condition groups and metrics of condition have been estimated for each polygon with attendant photographs

² Terrestrial Habitat Quality Guidelines (2020), Box 1.3, page 15.

2.3 Post-Survey Assessments

2.3.1 Vegetation Community Mapping

The Site-scale vegetation community mapping was produced using field data and aerial photography interpretation and refined (1:6000) linework within a GIS platform. This mapping was used to calculate the areas of remnant regional ecosystems and regrowth (vegetation community types) present within the SD22 East Survey area.

2.3.2 Threatened Fauna Habitat Mapping

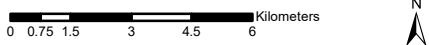
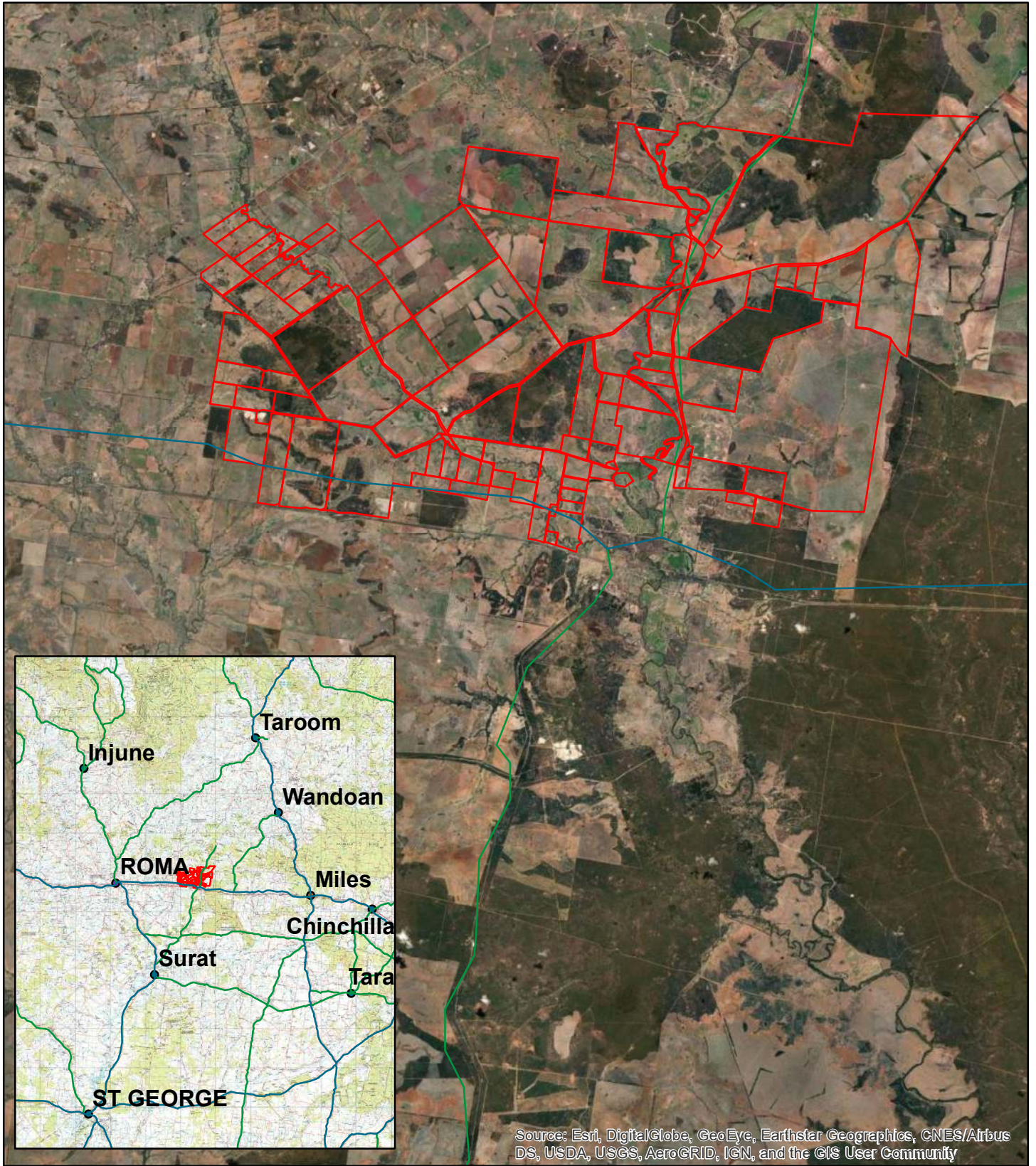
Threatened³ fauna habitat was modelled using the mapping rules for fauna species within Boobook (2020). Habitat types were assigned to field vegetation community mapping to identify areas of habitat that may support threatened species. Areas of non-remnant vegetation that were determined to be functional regrowth or meet the criteria of a TEC were also considered to provide functional habitat for threatened species.

Areas of mapped non-functional regrowth that do not meet requirements as a TEC or “functional regional ecosystem⁴” do not possess the micro-habitat components that provide habitat for threatened species and are considered to be generally unsuitable. This non-functional young regrowth vegetation has been mapped to provide information on potential offset areas and areas to avoid unnecessary disturbance if possible.

After habitat suitability was assigned to all mapped vegetation polygons for all threatened fauna species the areas of each habitat type present within the survey area were calculated and exported from the GIS.

³ EPBC (1999) and NCA (1992)

⁴ Guideline for Conducting Vegetation Assessment: A guide to using the ‘procedure for Conducting Vegetation Assessments’, doc no.: 0007-650-GDE-0002



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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East

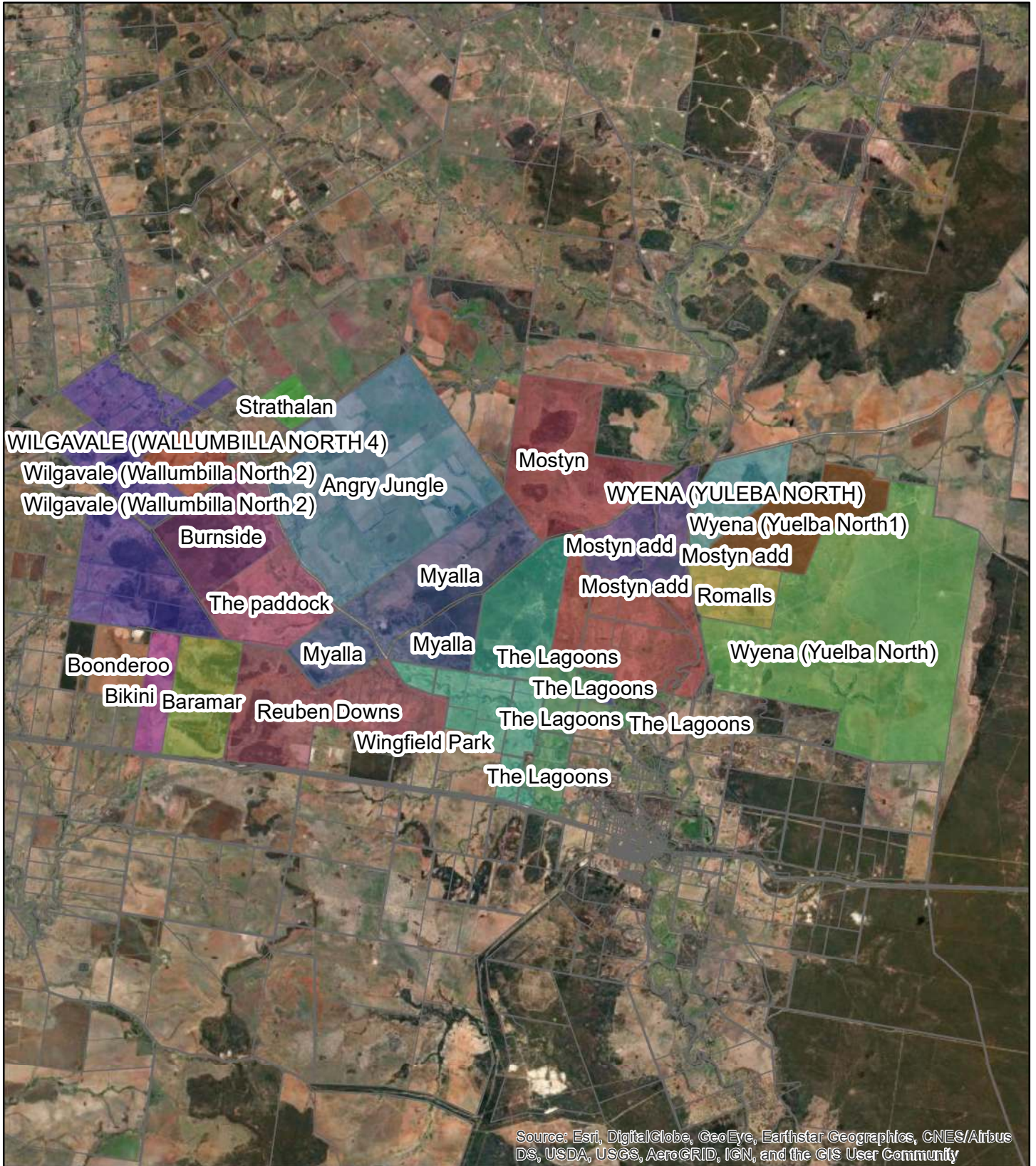
FIGURE 1.1

Survey Area Location and Extent

SD22 East Ecological Constraints Mapping

AD 25/03/21
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0 0.5 1 2 3 4 Kilometers



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Aerial imagery courtesy of Bing Maps.

FIGURE 1.2

Roma East SD22 Survey Area Extent

SD22 East Ecological Constraints Mapping

AD 25/03/21
 Job No. 0237



3.0 Results

The results of this report are based on a combination of desktop and site investigations as detailed in Section 2.0, above. Desktop surveys were used to highlight the potential ecological values that may be present within the Survey area. These surveys included the integration of current high-quality aerial photography, State regional ecosystem mapping, watercourse, essential habitat and preclearance regional ecosystem mapping to gain an understanding of the likely distribution of vegetation communities and associated regional ecosystems across the Survey area. These spatially explicit data were loaded onto tablets and hand-held GPS to inform field surveys.

3.1.1 Geology

The Detailed surface geology – Queensland (2015) spatial database mapping layer (**Figure 3.1**) identifies the study area as being dominated by fine grained sandstones (land zone 9) overlain by expanses of deep sand sheets of indeterminate origin or deeply weathered in-situ (Doncaster member (w)(LZ5) in the south and west. Running north-south Yuelba Creek dissects the Survey area depositing quaternary alluvial soils along it’s flanks. These soils are a mosaic of clays and sands classified as Land zone 3.

The underlying cretaceous geology of fine-grained sandstone have weathered to give rise to valley bottoms that support deep sandy clays (land zone 9) (**Tables 3.1**), whilst the overlying deeply weathered material presents as large relatively deep sandy plains. The Yuelba Creek provides a flat flood plain that support deep sands and clays.

Table 3.1: Major Geology Units Mapped from the Survey Area (source: Detailed surface geology – Queensland, 2015)

Map Symbol/Name	Age	Lithology Description	Land Zone
Bungil Formation	Cretaceous	Glaucinitic, labile to quartzose, siltstone, mudstone	9
Doncaster Member	Cretaceous	Carbonaceous mudstone, siltstone, minor siltstone; some glauconitic and calcareous; shelly fossils	9
Doncaster member (w)	Cretaceous	Deeply weathered carbonaceous mudstone, siltstone, minor siltstone; some glauconitic and calcareous; shelly fossils	5
Kingull Member	Cretaceous	Clayey sandstone and carbonaceous mudstone	9
Minmi Member	Cretaceous	Glaucinitic lithic to quartzose sandstone, siltstone and mudstone, locally bioturbated with shelly fossils	9
Mooga Sandstone	Jurassic	Sandstone, siltstone, mudstone	9
Nullawurt Sands	Cretaceous	Quartzose to labile sandstone, siltstone and mudstone	9
Qa-QLD	Quaternary	Clay, silt, sand and gravel; flood-plain alluvium	3
Qs-SQ>Doncaster Member	Quaternary	Sand, red sandy soil, silt and some gravel; floodout and sheet sand with some alluvium	5
Ts-QLD		Clayey sublabile to quartzose sandstone, sandy claystone, laminated siltstone, and local conglomerate	5

3.1.2 Regional Ecosystem Distribution

The distribution of remnant (VM Act) regional ecosystems as mapped by the Queensland Herbarium (V10.1) at a scale of 1:100,000 is shown in **Figure 3.2**. Descriptions from the Regional Ecosystem Description Database (REDD) (version 11) for these regional ecosystems are presented in **Table 3.2**.

The Herbarium 1:100,000 regional ecosystem maps the extant remnant vegetation within the Survey area as a mosaic of eucalypt dominated woodlands on sand soils (REs 11.5.1, 11.5.5, 11.7.2 and 11.7.6) with some notable patches of brigalow and belah dominated open forest (11.9.10 and 11.9.5). The local creek systems are fringed with RE 11.3.25, flanked on the broader alluvial areas by RE 11.3.2. These remnant patches occur within a matrix dominated by cleared grazing and cropping lands.

Table 3.2: State Mapped Regional Ecosystems within the Survey Area

RE	Biodiversity status	Description	Area
11.3.2	OC	<i>Eucalyptus populnea</i> woodland on alluvial plains	108
11.3.25	OC	<i>Eucalyptus tereticornis</i> or <i>E. camaldulensis</i> woodland fringing drainage lines	184
11.5.1	NCP	<i>Eucalyptus crebra</i> and/or <i>E. populnea</i> , <i>Callitris glaucophylla</i> , <i>Angophora leiocarpa</i> , <i>Allocasuarina luehmannii</i> woodland on Cainozoic sand plains and/or remnant surfaces	535
11.5.5	NCP	<i>Eucalyptus melanophloia</i> , <i>Callitris glaucophylla</i> woodland on Cainozoic sand plains and/or remnant surfaces. Deep red sands	471
11.7.2	NCP	Acacia spp. woodland on Cainozoic lateritic duricrust. Scarp retreat zone	590
11.7.6	NCP	<i>Corymbia citriodora</i> or <i>Eucalyptus crebra</i> woodland on Cainozoic lateritic duricrust	20
11.9.10	E	<i>Eucalyptus populnea</i> open forest with a secondary tree layer of <i>Acacia harpophylla</i> and sometimes <i>Casuarina cristata</i> on fine-grained sedimentary rocks	406
11.9.5	E	Open forest dominated by <i>Acacia harpophylla</i> and/or <i>Casuarina cristata</i> (10-20m) or <i>Acacia harpophylla</i> with a semi-evergreen vine thicket understorey. Open forest dominated by <i>C. cristata</i> is more common in southern parts of the bioregion. A prominent low tree or tall shrub layer dominated by species such as <i>Geijera parviflora</i> and <i>Eremophila mitchellii</i> , and often with semi-evergreen vine thicket species is often present. The latter include <i>Flindersia dissosperma</i> , <i>Brachychiton rupestris</i> , <i>Excoecaria dallachyana</i> , <i>Macropteranthes leichhardtii</i> and <i>Acalypha eremorum</i> in eastern areas, and species such as <i>Carissa ovata</i> , <i>Owenia acidula</i> , <i>Croton insularis</i> , <i>Denhamia oleaster</i> and <i>Notelaea microcarpa</i> in south-western areas. <i>Melaleuca bracteata</i> may be present along watercourses. Occurs on fine-grained sediments. The topography includes gently undulating plains, valley floors and undulating footslopes and rarely on low hills. The soils are generally deep texture-contrast and cracking clays. The cracking clays are usually black or grey to brown or	84

RE	Biodiversity status	Description	Area
		reddish-brown in colour, often self-mulching and sometimes with gilgai microrelief in flatter areas. Some texture contrast soils are shallow to only moderately deep	
11.9.5a	E	<i>Acacia harpophylla</i> predominates and forms a fairly continuous canopy (10-18m high). Other tree species such as <i>Eucalyptus populnea</i> , <i>Casuarina cristata</i> , <i>Cadellia pentastylis</i> and <i>Brachychiton spp.</i> may also be present in some areas and form part of the canopy or emerge above it. Scattered <i>Eucalyptus orgadophila</i> may occur, especially on upper slopes and crests. A dense tall shrub layer dominated by a range of species is usually present, while a more open low shrub layer often occurs. Common species in these layers include <i>Croton insularis</i> , <i>Denhamia oleaster</i> , <i>Apophyllum anomalum</i> , <i>Croton phebalioides</i> , <i>Alectryon diversifolius</i> and <i>Carissa ovata</i> . The ground layer is sparse, most frequently composed of <i>Ancistrachne uncinulata</i> and <i>Eragrostis megalosperma</i> and varies with the density of the shrub layers. Occurs on undulating plains and rises formed mainly on shales. The soils are predominantly cracking clay soils, which are strongly alkaline at or near the surface and acidic beneath, or dark brown and grey-brown gradational soils, with a coarse-textured surface grading into an alkaline, clayey subsoil	0.05
HVR		Native Vegetation that has not been cleared for 15 yrs	400
Total			2,797

NCP = no concern at present, OC = Of concern, E = Endangered

3.1.3 Threatened Ecological Communities

There are five Threatened Ecological Communities (TEC) predicted to occur within the Survey area:

- Brigalow (*Acacia harpophylla* dominant and codominant)
- Coolibah - Black Box Woodlands of the Darling Riverine Plains and the Brigalow Belt South Bioregions
- Poplar Box Grassy Woodland on Alluvial Plains
- Semi-evergreen vine thickets of the Brigalow Belt (North and South) and Nandewar Bioregions
- Weeping Myall Woodlands.

3.1.4 Threatened Species

Threatened fauna species that could possibly occur within the Survey area are those listed for the Roma gas fields in Boobook (2020).

3.2 Field Results

Field results are based on surveys carried out between November 2020 and February 2021 by Terrestria field crews.

3.2.1 Field Mapped Regional Ecosystems

The remnant regional ecosystems within the central and eastern portions of the Survey area are dominated by Poplar box *Eucalyptus populnea* dominated woodlands with a subcanopy characterised by the presence of white cypress *Callitris glaucophylla* soils derived from deeply weathered material of indeterminate origin (11.5.5, 11.5.5). The western portion of the Survey area is dominated by clay soils derived from fine-grained sandstone that support Poplar box *Eucalyptus populnea* and Brigalow *Acacia harpophylla* dominated woodlands (11.9.10 and 11.9.5) that have been disturbed to varying degrees. The southern edge of the Survey area is characterised by scarps and jump-ups formed from Cainozoic duricrusts of indurated materials that support communities of Blue-leaved ironbark *Eucalyptus nubila* and lancewood *Acacia shirylei* (RE 11.7.7, 11.7.2).

3.2.2 Functional and Non-functional Regrowth

Areas of regrowth were mapped regardless of functional status. Those areas that possessed sufficient attributes to be regarded as functional according to Santos' method (reference) were noted whilst other areas of younger regrowth or in poorer condition were also mapped. These non-functional regrowth patches do not represent an ESA or TEC as they contain very little in the way of habitat factors for threatened species and are very unlikely to support any threatened species. They have been mapped to identify them for future offset areas and to provide information to project managers looking at native vegetation on aerial photographs that would otherwise have no supporting information.

3.2.3 Threatened Ecological Communities

Areas of vegetation that meet the definition of "Brigalow (*Acacia harpophylla* dominant and codominant)" were mapped as scattered small patches within the Survey area. No other TECs were recorded within the Survey area. In total 102ha of remnant brigalow TEC and 80 ha of functional regrowth. A further 79ha of regrowth assessed as non-functional under Santos' threshold model was assessed as meeting the criteria of a TEC.

3.2.4 Threatened Species Survey

Evidence of Koala activity in the form of scats were recorded within a patch of RE 11.9.7 on Mostyn Station at 0735424 East 7065162 North (zone 55, GDA'94) (**Figure 3.1A2**). No other evidence of the Threatened⁵ flora or fauna species were observed.

⁵ Nature Conservation Act (1992) or the Environment Protection and Biodiversity Conservation Act (1999)

Table 3.3: Field Mapped Regional Ecosystems within the Survey Area

RE	Biodiversity status	Description	Area
11.3.1		<i>Acacia harpophylla</i> and/or <i>Casuarina cristata</i> open forest on alluvial plains	26.3
11.3.1 regrowth ⁶			10.5
11.3.2	OC	<i>Eucalyptus populnea</i> woodland on alluvial plains	212.2
11.3.2 regrowth ⁶			22.7
11.3.2b		<i>Eucalyptus camaldulensis</i> (sometimes <i>E. populnea</i> and or <i>E. tereticornis</i>) woodland in drainage depressions. Ground layer of grasses or sedges. Occurs on seasonally inundated drainage depressions. Palustrine wetland (e.g. vegetated swamp).	226.1
11.3.2b regrowth ⁶			
11.3.25	OC	<i>Eucalyptus tereticornis</i> or <i>E. camaldulensis</i> woodland fringing drainage lines	79.0
11.3.25 regrowth ⁶			
11.5.1	NCP	<i>Eucalyptus crebra</i> and/or <i>E. populnea</i> , <i>Callitris glaucophylla</i> , <i>Angophora leiocarpa</i> , <i>Allocasuarina luehmannii</i> woodland on Cainozoic sand plains and/or remnant surfaces	1404.0
11.5.1 regrowth ⁶			27.0
11.5.5	NCP	<i>Eucalyptus melanophloia</i> , <i>Callitris glaucophylla</i> woodland on Cainozoic sand plains and/or remnant surfaces. Deep red sands	87.4
11.5.5 regrowth ⁶			
11.7.2	NCP	<i>Acacia</i> spp. woodland on Cainozoic lateritic duricrust. Scarp retreat zone	467.4
11.7.2 regrowth ⁶			2.6
11.7.6	NCP	<i>Corymbia citriodora</i> or <i>Eucalyptus crebra</i> woodland on Cainozoic lateritic duricrust	5.8
11.7.6 regrowth ⁶			20.8

⁶ Species characteristic of the ecologically dominant layer do not meet 70% height and/or 50% cover of the benchmark (VMA, 1999). These communities have been assessed as functional according to Santos' threshold model.

RE	Biodiversity status	Description	Area
11.7.7		<i>Eucalyptus fibrosa</i> subsp. <i>nubilis</i> +/- <i>Corymbia</i> spp. +/- <i>Eucalyptus</i> spp. woodland on Cainozoic lateritic duricrust	199.9
11.7.7 regrowth ⁶			7.6
11.9.10	E	<i>Eucalyptus populnea</i> open forest with a secondary tree layer of <i>Acacia harpophylla</i> and sometimes <i>Casuarina cristata</i> on fine-grained sedimentary rocks	403.8
11.9.10 regrowth ⁶			88.2
11.9.5	E	Open forest dominated by <i>Acacia harpophylla</i> and/or <i>Casuarina cristata</i> (10-20m) or <i>Acacia harpophylla</i> with a semi-evergreen vine thicket understorey. Open forest dominated by <i>C. cristata</i> is more common in southern parts of the bioregion. A prominent low tree or tall shrub layer dominated by species such as <i>Geijera parviflora</i> and <i>Eremophila mitchellii</i> , and often with semi-evergreen vine thicket species is often present. The latter include <i>Flindersia dissosperma</i> , <i>Brachychiton rupestris</i> , <i>Excoecaria dallachyana</i> , <i>Macropteranthes leichhardtii</i> and <i>Acalypha eremorum</i> in eastern areas, and species such as <i>Carissa ovata</i> , <i>Owenia acidula</i> , <i>Croton insularis</i> , <i>Denhamia oleaster</i> and <i>Notelaea microcarpa</i> in south-western areas. <i>Melaleuca bracteata</i> may be present along watercourses. Occurs on fine-grained sediments. The topography includes gently undulating plains, valley floors and undulating footslopes and rarely on low hills. The soils are generally deep texture-contrast and cracking clays. The cracking clays are usually black or grey to brown or reddish-brown in colour, often self-mulching and sometimes with gilgai microrelief in flatter areas. Some texture contrast soils are shallow to only moderately deep	75.6
11.9.5 regrowth ⁶			7.1
11.9.6		<i>Acacia melvillei</i> +/- <i>A. harpophylla</i> open forest on fine-grained sedimentary rocks	63.1
11.9.7		<i>Eucalyptus populnea</i> , <i>Eremophila mitchellii</i> shrubby woodland on fine-grained sedimentary rocks	242.4
11.9.7 regrowth ⁶			12.7
Total			2,797

Table 3.4: Mapped Areas of Non-functional Young Regrowth

RE	Non functional Regrowth (ha)
11.3.1 regrowth	32.4
11.3.2 myall	12.7
11.3.2 regrowth	29.2
11.3.25 regrowth	1.4
11.3.2b regrowth	16.3
11.5.1 regrowth	425.8
11.5.5 regrowth	15.6
11.7.2 regrowth	120.9
11.7.7 regrowth	11.8
11.9.10 regrowth	329.0
11.9.5 regrowth	108.5
11.9.7 regrowth	15.1
Grand Total	1119.0

3.2.5 Threatened Fauna Habitat Mapping

Threatened fauna habitat was mapped using the mapping rules provided for Roma gas fields in Boobook (2020). Regional ecosystems assessed as providing habitat for threatened fauna are given in **Table 3.5**.

Mapped remnant vegetation and functional ecologically sensitive areas were considered to possess sufficient microhabitat features to provide habitat for these species. In addition non-functional TECs were assessed on a patch by patch basis using field data and aerial photograph interpretation. The areas of habitat within the Survey area are given in **Table 3.6**.

Table 3.5: Habitat Types for Threatened Fauna Species of the Roma Gas Fields

Common Name	Label	General Habitat	Essential Habitat
South-eastern Long-eared bat <i>Nyctophilus corbeni</i>	Nyct_corb	11.3.1, 11.3.2, 11.3.2b, 11.3.25, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.5, 11.9.10, 11.9.6	
Greater Glider <i>Petauroides volans</i>	Peta_vola	11.3.2, 11.3.2b, 11.3.25, 11.5.1, 11.5.5, 11.7.6, 11.7.7, 11.9.7, 11.9.10	
Koala <i>Phascolarctos cinereus</i>	Phas_cine	11.5.1, 11.5.5, 11.7.6, 11.7.7, 11.9.7, 11.9.10	11.3.2, 11.3.25
Australasian Bittern <i>Botaurus poiciloptilus</i>	Bota_poic	11.3.2b	
Curlew Sandpiper <i>Calidris ferruginea</i>	Cali_ferr	11.3.2b	
Glossy Black-Cockatoo <i>Calyptorhynchus lathami</i>	Caly_lath	11.3.1, 11.3.2, 11.3.2b, 11.3.25, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.5, 11.9.10	
Painted Honeyeater <i>Grantiella picta</i>	Gran_pict	11.3.1, 11.3.2, 11.3.2b, 11.3.25, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.5, 11.9.10	
White-throated Needletail <i>Hirundapus caudacutus</i>	Hiru_caud	11.3.1, 11.3.2, 11.3.2b, 11.3.25, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.5, 11.9.10	
Australian Painted Snipe <i>Rostratula australis</i>	Rost_aust	11.3.2b	
Common Death Adder <i>Acanthophis antarcticus</i>	Acan_anta	11.9.5, 11.9.7, 11.9.10	
Woma <i>Aspidites ramsayi</i>	Aspi_rams	11.3.1, 11.3.2, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.5, 11.9.7, 11.9.10	

Common Name	Label	General Habitat	Essential Habitat
Collared Delma <i>Delma torquata</i>	Delm_torq	11.3.2, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.7, 11.9.10	
Yakka Skink <i>Egernia rugosa</i>	Eger_rugo	11.7.2, 11.9.5, 11.9.10	11.3.2, 11.5.1, 11.5.5, 11.7.6, 11.9.7
Dunmall's Snake <i>Furina dunmali</i>	Furi_dunm	11.3.2, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.5, 11.9.7, 11.9.10	
Grey Snake <i>Hemiaspis damelii</i>	Hemi_dame	11.3.1, 11.3.2, 11.3.2b, 11.3.25	
Golden-tailed Gecko <i>Strophurus taenicauda</i>	Stro_tae	11.3.1, 11.3.2, 11.5.1, 11.5.5, 11.7.2, 11.7.6, 11.7.7, 11.9.5, 11.9.7, 11.9.10	
Roma Earless Dragon <i>Tympanocryptis wilsoni</i>	Tymp_wils	no habitat present	
Murray Cod <i>Maccullochella peelii</i>	Macc_peel	11.3.25	
Brigalow Woodland Snail <i>Adclarkia cameroni</i>	Adcl_came	11.3.1, 11.3.2, 11.3.25	
Dulacca Woodland Snail <i>Adclarkia cameroni</i>	Adcl_dula	11.7.2, 11.7.6, 11.7.7, 11.9.5	
Pale Imperial Hairstreak butterfly <i>Jalmenus eubulus</i>	Jalm_eubu	11.3.1, 11.9.5, 11.9.10	

Table 3.6: Threatened Fauna Habitat within the Survey Area

Species	Remnant Habitat (ha)	Non-Remnant Habitat (ha)
South-eastern Long-eared bat <i>Nyctophilus corbeni</i>	3172	269
Greater Glider <i>Petauroides volans</i>	2861	172
Koala <i>Phascolarctos cinereus</i>	2782	172
Australasian Bittern <i>Botaurus poiciloptilus</i>	79	0
Curlew Sandpiper <i>Calidris ferruginea</i>	79	0
Glossy Black-Cockatoo <i>Calyptorhynchus lathami</i>	3188	269
Painted Honeyeater <i>Grantiella picta</i>	3188	269
White-throated Needletail <i>Hirundapus caudacutus</i>	3188	266
Australian Painted Snipe <i>Rostratula australis</i>	79	0
Common Death Adder <i>Acanthophis antarcticus</i>	722	963
Woma <i>Aspidites ramsayi</i>	3125	258
Collared Delma <i>Delma torquata</i>	3023	175
Yakka Skink <i>Egernia rugosa</i>	2899	251
Dunmall's Snake <i>Furina dunmali</i>	3099	258
Grey Snake <i>Hemiaspis damelii</i>	544	29
Golden-tailed Gecko <i>Strophurus taenicauda</i>	3125	272
Roma Earless Dragon <i>Tympanocryptis wilsoni</i>	area	0
Murray Cod <i>Maccullochella peelii</i>	226	0
Brigalow Woodland Snail <i>Adclarkia cameroni</i>	465	39
Dulacca Woodland Snail <i>Adclarkia cameroni</i>	749	114
Pale Imperial Hairstreak butterfly <i>Jalmenus eubulus</i>	506	188

3.2.6 BioCondition Assessment

BioCondition assessments were made on most remnant and most regrowth regional ecosystems mapped within the SD22 East Survey area. It is noted that BioCondition sites for those regional ecosystems not assessed were undertaken by the team of ecologists mapping the western portion of the SD22 Survey Area. A total of 42 BioCondition sites were undertaken. The locations of BioCondition sites are given in **Appendix A**. Field Assessment Sheets are presented in **Appendix E** and field and landscape data are presented within **Appendix F**. The site scores are given in **Table 3.7**. No BioCondition scores are given for REs 11.3.2b and RE 11.5.5 as there are currently no published benchmark data for these regional ecosystems.

Table 3.7: BioCondition Scores for the SD22 East Survey Area

1_steid	2_re	3_growth_status	tot_num_large_trees_ha_SCORE	canopy_height_SCORE	recruitment_canopy_sp_SCORE	canopy_cov_SCORE	shrub_canopy_cover_SCORE	woody_debris_length_ha_SCORE	native_sp_richness_SCORE	non-native_cover_SCORE	native_per_grass_SCORE	litter_grd_cov_SCORE	patch_size_ha_SCORE	context_SCORE	connectivity_SCORE	site_score	landscape_score	BIOCONDITION_SCORE
914	11.5.1	remnant	15	4	5	5	5	3	10	10	5	5	10	5	0	0.84	0.75	0.82
916	11.5.5	remnant	NS	NS	5	NS	NS	NS	NS	10	NS	NS	10	5	4	NS	0.95	NS
918	11.7.2	remnant	0	1.5	5	2.5	0	5	10	10	0	3	5	4	5	0.46	0.70	0.51
920	11.9.10	regrowth	10	3	3	2.5	3	5	12.5	10	1	5	5	4	0	0.69	0.45	0.64
922	11.9.10	regrowth	5	4	5	2.5	0	2	10	10	5	5	5	4	2	0.61	0.55	0.60
924	11.9.5	regrowth	0	1.5	5	2.5	0	0	12.5	10	0	3	2	0	0	0.43	0.10	0.37

1_siteid	2_re	3_growth_status	tot_num_large_trees_ha_SCORE	canopy_height_SCORE	recruitment_canopy_sp_SCORE	canopy_cov_SCORE	shrub_canopy_cover_SCORE	woody_debris_length_ha_SCORE	native_sp_richness_SCORE	non-native_cover_SCORE	native_per_grass_SCORE	litter_grd_cov_SCORE	patch_size_ha_SCORE	context_SCORE	connectivity_SCORE	site_score	landscape_score	BIOCONDITION_SCORE
940	11.9.10	remnant	15	3	3	5	0	3	10	10	0	5	10	5	5	0.68	1.00	0.74
984	11.3.2	regrowth	5	3	5	5	0	0	7.5	10	5	5	5	4	4	0.57	0.65	0.59
989	11.3.25	remnant	10	5	0	3	5	0	7.5	0	0	3	5	4	4	0.42	0.65	0.47
1007	11.7.2	remnant	0	3	5	5	3	2	10	10	1	3	5	5	5	0.53	0.75	0.57
1171	11.5.1	regrowth	0	5	3	5	0	3	7.5	10	1	5	5	4	0	0.49	0.45	0.49
1229	11.3.25	regrowth	0	3	5	5	0	5	12.5	0	5	3	0	0	0	0.48	0.00	0.39
1232	11.5.1	regrowth	0	1.5	5	2.5	0	3	10	0	3	5	2	2	0	0.38	0.20	0.34
1247	11.3.25	regrowth	0	3	5	3	0	5	10	0	5	5	2	2	0	0.45	0.20	0.40
1249	11.5.5	regrowth	NS	NS	5	NS	NS	NS	NS	5	NS	NS	2	2	0	NS	0.20	NS
1255	11.5.5	Regrowth	NS	NS	5	NS	NS	NS	NS	10	NS	NS	2	2	2	NS	0.30	NS

1_sited	2_re	3_growth_status	tot_num_large_trees_ha_SCORE	canopy_height_SCORE	recruitment_canopy_sp_SCORE	canopy_cov_SCORE	shrub_canopy_cover_SCORE	woody_debris_length_ha_SCORE	native_sp_richness_SCORE	non-native_cover_SCORE	native_per_grass_SCORE	litter_grd_cov_SCORE	patch_size_ha_SCORE	context_SCORE	connectivity_SCORE	site_score	landscape_score	BIOCONDITION_SCORE
1278	11.3.2	remnant	0	5	3	2	5	5	15	5	3	5	2	2	4	0.60	0.40	0.56
1330	11.9.10	remnant	10	5	5	2	3	3	5	10	0	5	5	2	0	0.60	0.35	0.55
1332	11.5.5	regrowth	NS	NS	5	NS	NS	NS	NS	10	NS	NS	10	5	5	NS	1.00	NS
1334	11.9.10	regrowth	0	1.5	5	3.5	0	3	12.5	10	1	5	2	2	5	0.52	0.45	0.51
1336	11.3.2	remnant	0	5	5	5	0	3	15	10	1	3	10	5	2	0.59	0.85	0.64
1338	11.9.10	regrowth	0	0	5	4	0	3	10	10	0	5	10	5	5	0.46	1.00	0.57
1340	11.7.6	Regrowth	0	4	0	3.5	0	3	15	10	5	5	5	2	0	0.57	0.35	0.53
1342	11.7.6	Regrowth	0	1.5	5	2.5	0	5	12.5	10	5	3	5	2	0	0.56	0.35	0.52
1344	11.7.2	remnant	0	4	3	4	0	2	15	10	5	5	5	4	5	0.60	0.70	0.62
1348	11.7.6	Remnant	0	4	5	4	0	5	12.5	10	5	5	5	2	0	0.63	0.35	0.58

1_sited	2_re	3_growth_status	tot_num_large_trees_ha_SCORE	canopy_height_SCORE	recruitment_canopy_sp_SCORE	canopy_cov_SCORE	shrub_canopy_cover_SCORE	woody_debris_length_ha_SCORE	native_sp_richness_SCORE	non-native_cover_SCORE	native_per_grass_SCORE	litter_grd_cov_SCORE	patch_size_ha_SCORE	context_SCORE	connectivity_SCORE	site_score	landscape_score	BIOCONDITION_SCORE
1350	11.7.6	Remnant	5	4	3	2.5	5	3	12.5	10	5	5	2	0	0	0.69	0.10	0.57
1353	11.7.7	regrowth	0	5	3	4	0	3	10	10	5	5	5	4	2	0.56	0.55	0.56
1355	11.7.2	regrowth	0	1.5	5	2.5	0	2	12.5	10	5	5	2	0	0	0.54	0.10	0.46
1357	11.7.2	regrowth	0	1.5	5	2.5	0	0	12.5	3	3	3	0	0	0	0.38	0.00	0.31
1359	11.7.7	remnant	0	5	3	3.5	0	3	12.5	10	5	3	5	4	4	0.56	0.65	0.58
1361	11.5.1	remnant	15	5	5	5	0	3	12.5	10	5	5	5	4	0	0.82	0.45	0.75
1363	11.5.1	remnant	15	5	3	5	0	3	15	3	5	5	5	4	0	0.74	0.45	0.68
1366	11.9.6	remnant	5	5	5	5	0	5	10	10	1	3	7	5	5	0.61	0.85	0.66
1368	11.9.6	regrowth	0	3	3	5	0	5	10	10	5	5	7	5	5	0.58	0.85	0.63
1370	11.3.2b	remnant	NS	NS	0	NS	NS	NS	NS	10	NS	NS	2	2	0	NS	0.20	NS

1_sited	2_re	3_growth_status	tot_num_large_trees_ha_SCORE	canopy_height_SCORE	recruitment_canopy_sp_SCORE	canopy_cov_SCORE	shrub_canopy_cover_SCORE	woody_debris_length_ha_SCORE	native_sp_richness_SCORE	non-native_cover_SCORE	native_per_grass_SCORE	litter_grd_cov_SCORE	patch_size_ha_SCORE	context_SCORE	connectivity_SCORE	site_score	landscape_score	BIODIVERSITY_SCORE
1372	11.3.2b	regrowth	NS	NS	3	NS	NS	NS	NS	10	NS	NS	5	4	0	NS	0.45	NS
1374	11.3.2b	remnant	NS	NS	5	NS	NS	NS	NS	10	NS	NS	2	2	0	NS	0.20	NS
1376	11.7.7	remnant	10	5	3	5	0	3	12.5	10	5	3	5	4	2	0.71	0.55	0.68
1394	11.7.7	regrowth	5	3	5	3.5	5	3	17.5	10	5	5	2	2	2	0.78	0.30	0.68
1396	11.9.10	remnant	15	3	5	2.5	5	5	12.5	10	1	5	5	4	4	0.80	0.65	0.77
1819	11.9.7	remnant	5	5	5	2.5	3	5	7.5	10	1	3	5	5	4	0.59	0.70	0.61

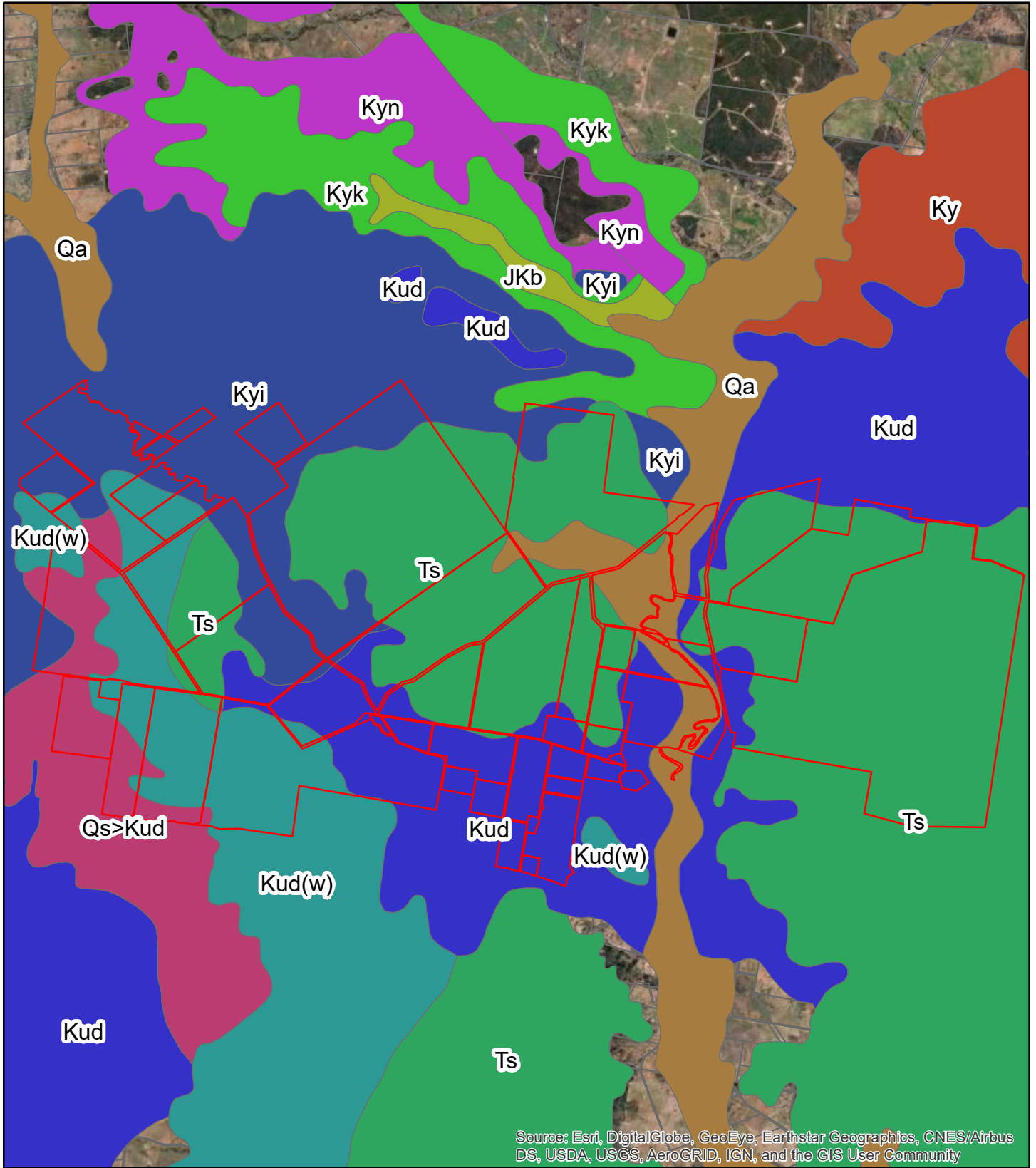
NS = No Score due to lack of published benchmark data

4.0 References

Boobook (2020) Predictive Habitat Mapping Rules for MNES and MSES Fauna Species within the Santos GFD Project Gas Fields. Prepared by Boobook Ecological Consulting for Santos 5/12/2020

DES 2020. *Guide to determining terrestrial habitat quality, Methods for assessing habitat quality under the Queensland Environmental Offsets Policy* Version 1.3 February 2020

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0 0.5 1 2 3 4 Kilometers



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Aerial imagery courtesy of Bing Maps.

Legend











 Bungil Formation	 Mooga Sandstone
 Doncaster Member	 Nullawurt Sandstone Member
 Doncaster Member(w)	 Qa-QLD
 Kingull Member	 Qs-SQ>Doncaster Member
 Minmi Member	 Ts-QLD

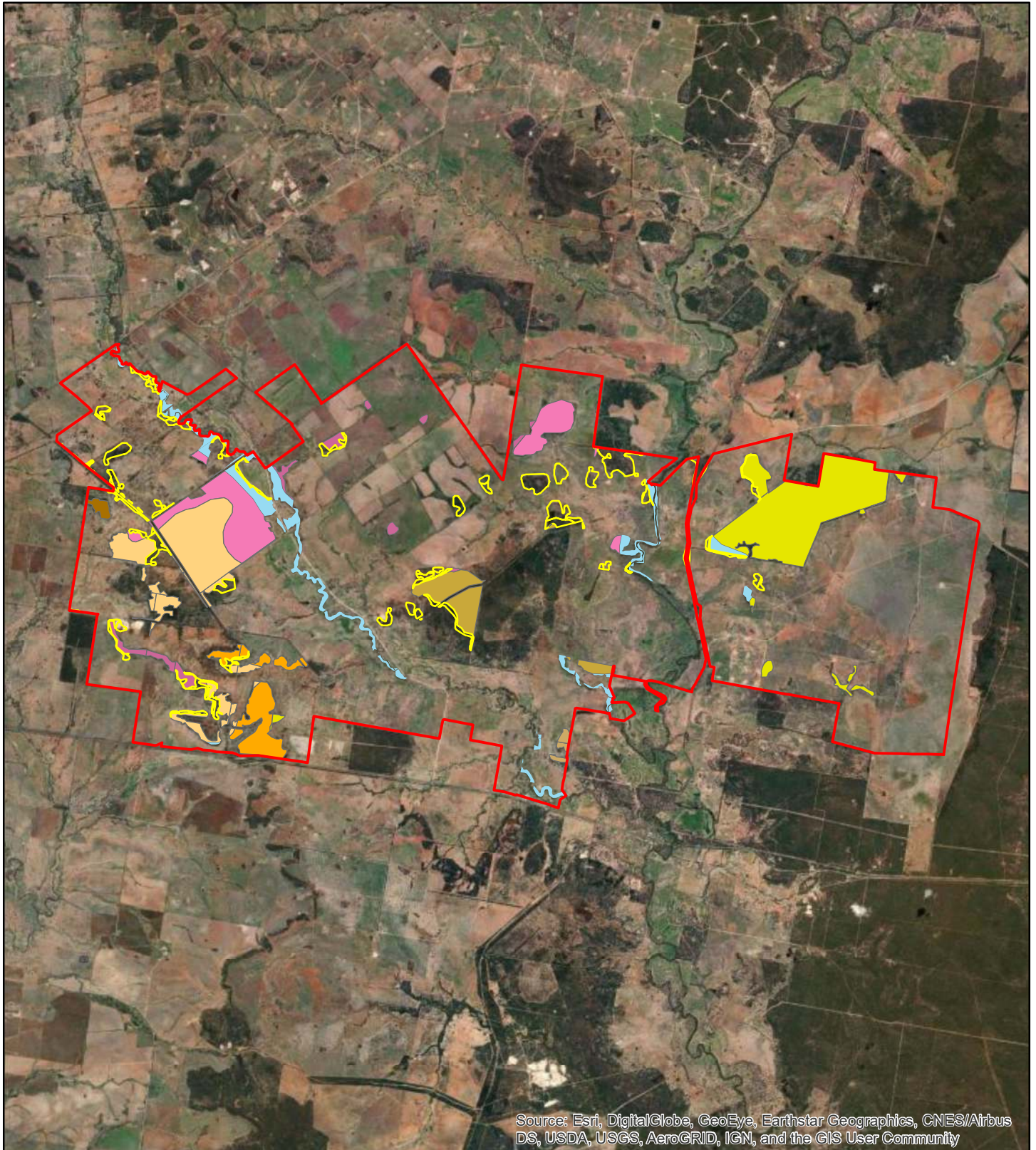
FIGURE 3.1

Detailed Surface Geology

SD22 East Ecological Constraints Mapping

AD 25/03/21
 Job No. 0237





Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

0 0.5 1 2 3 4 Kilometers



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Aerial imagery courtesy of Bing Maps.

Legend













	11.3.25/11.3.2		11.7.6
	11.5.1/11.5.5		11.7.6/11.7.2
	11.5.5		11.7.6/11.9.5a
	11.5.5/11.5.1		11.9.10
	11.7.2		11.9.5/11.9.10
	11.7.2/11.5.1		HVR

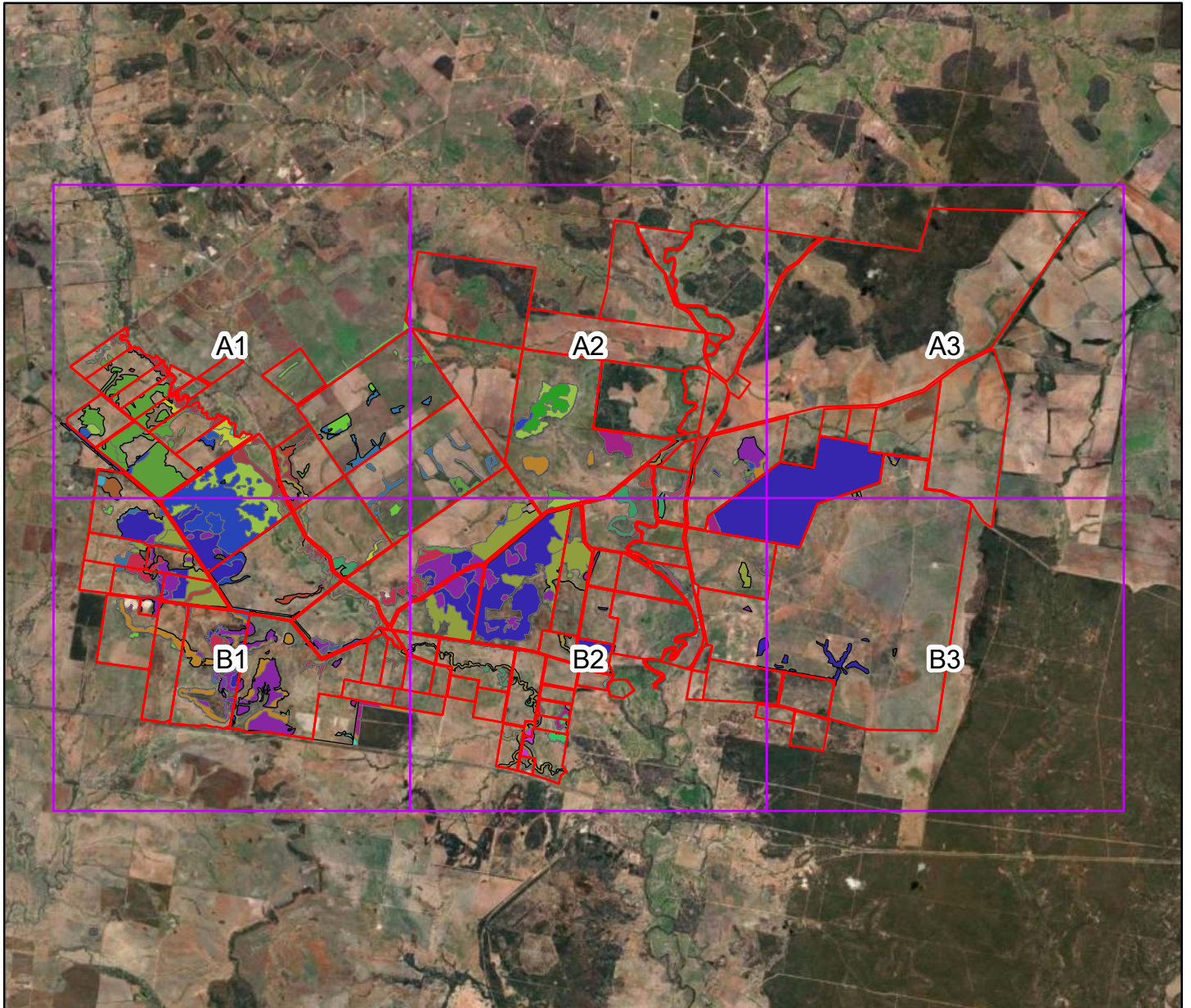
FIGURE 3.2

State 1:100,000 Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

AD 25/03/21
Job No. 0237





Legend

11.3.1	11.3.25 regrowth	11.5.5 regrowth	11.7.7 regrowth	11.9.7
11.3.1 regrowth	11.3.2b	11.7.2	11.9.10	11.9.7 regrowth
11.3.2	11.3.2b regrowth	11.7.2 regrowth	11.9.10 regrowth	non-rem
11.3.2 myall	11.5.1	11.7.6	11.9.5	
11.3.2 regrowth	11.5.1 regrowth	11.7.6 regrowth	11.9.5 regrowth	
11.3.25	11.5.5	11.7.7	11.9.6	

DS, USDA, USGS, Aerialcam, IGN, and the GIS User Community

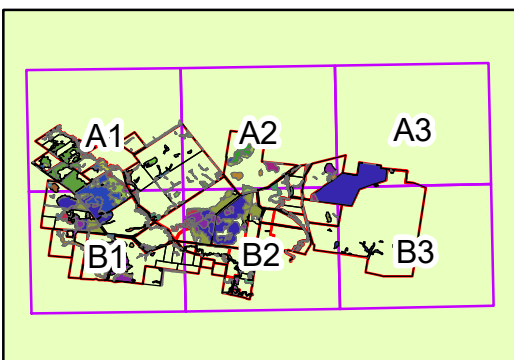
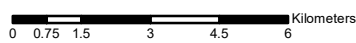


FIGURE 3.3

Ground Truthed Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

AD 25/03/21
Job No. 0237



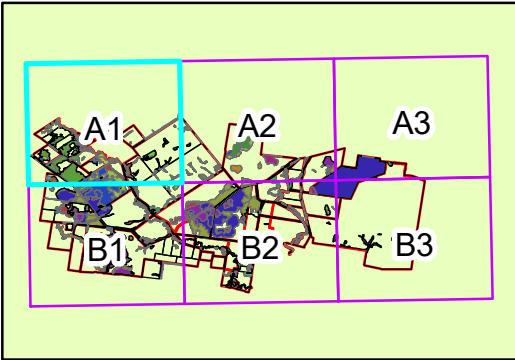
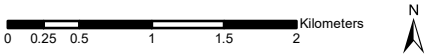
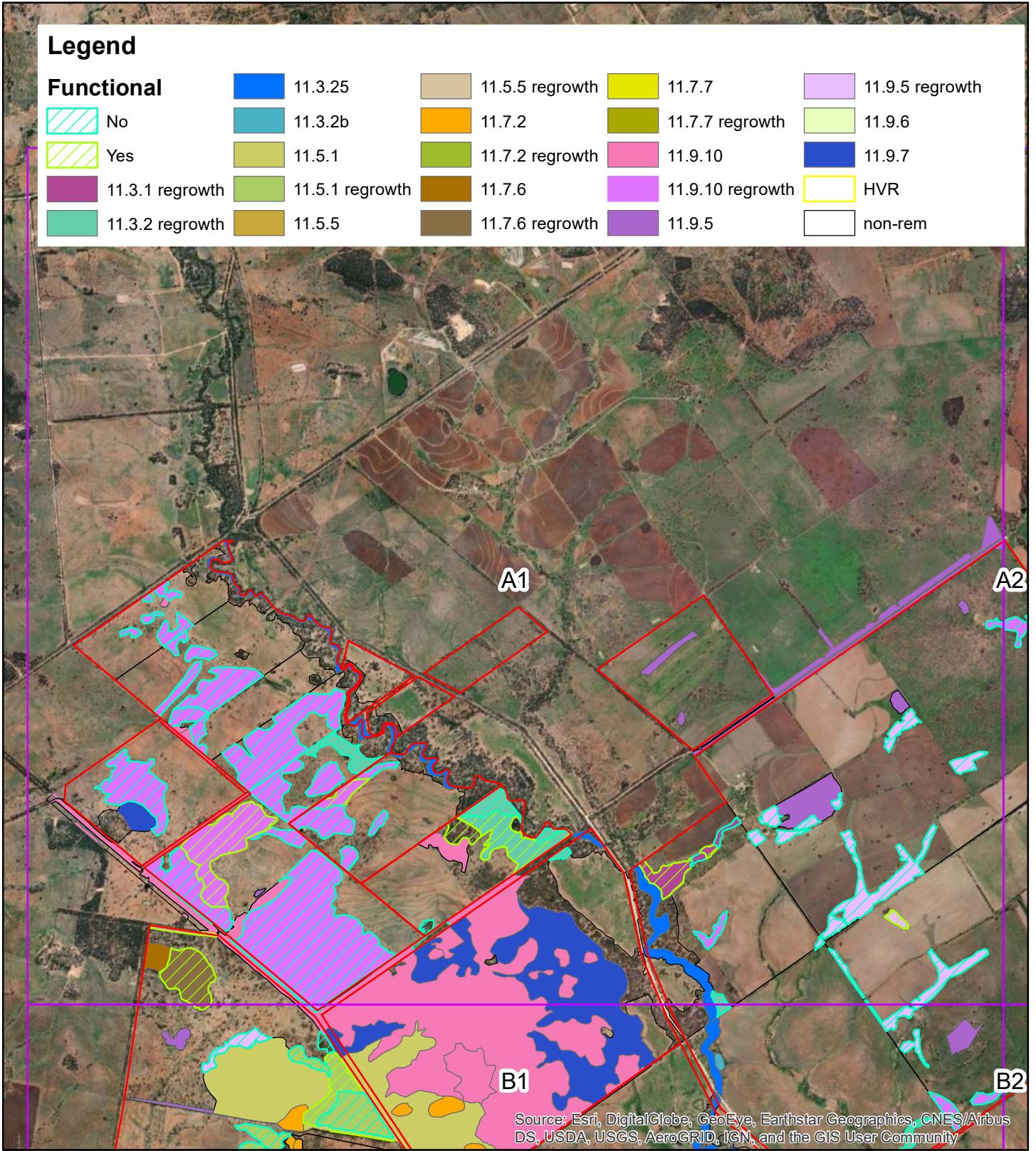


FIGURE 3.3 A1

Ground Truthed Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

AD 25/03/21
Job No. 0237

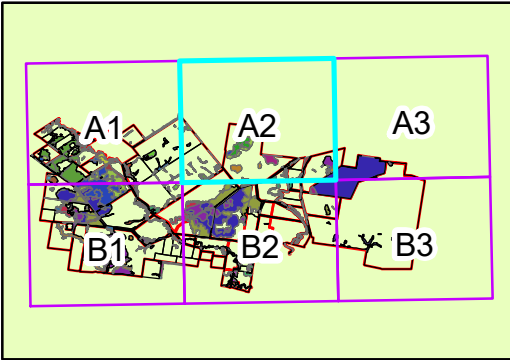
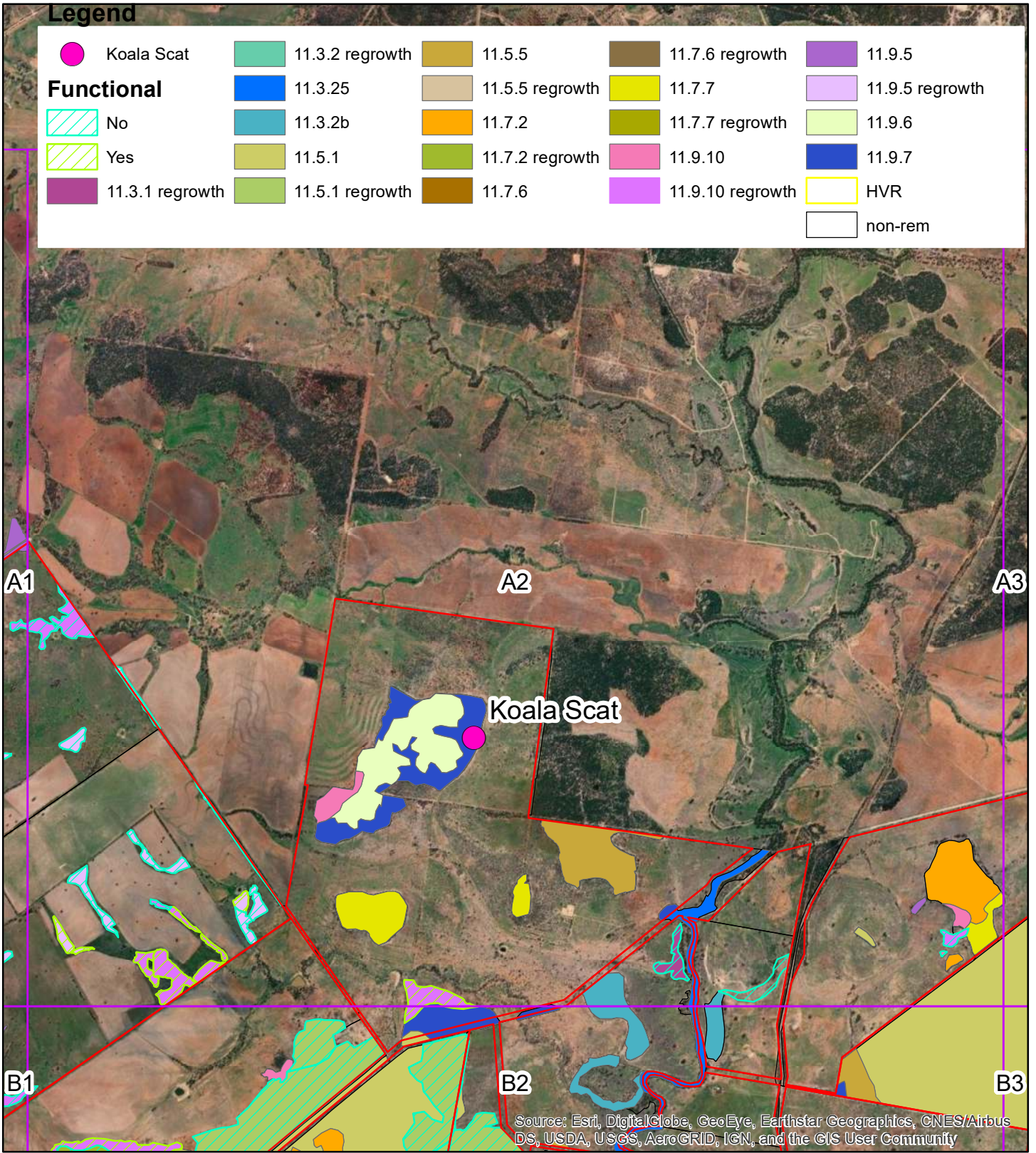



FIGURE 3.3 A2

Ground Truthed Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

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Job No. 0237



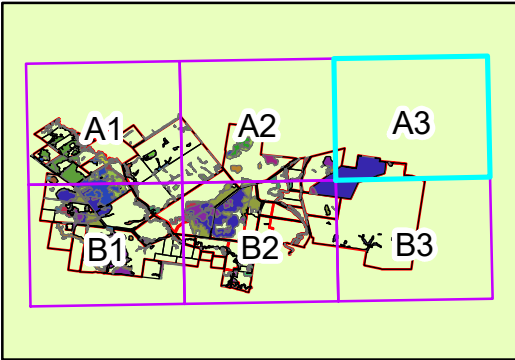
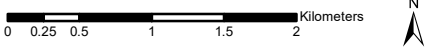
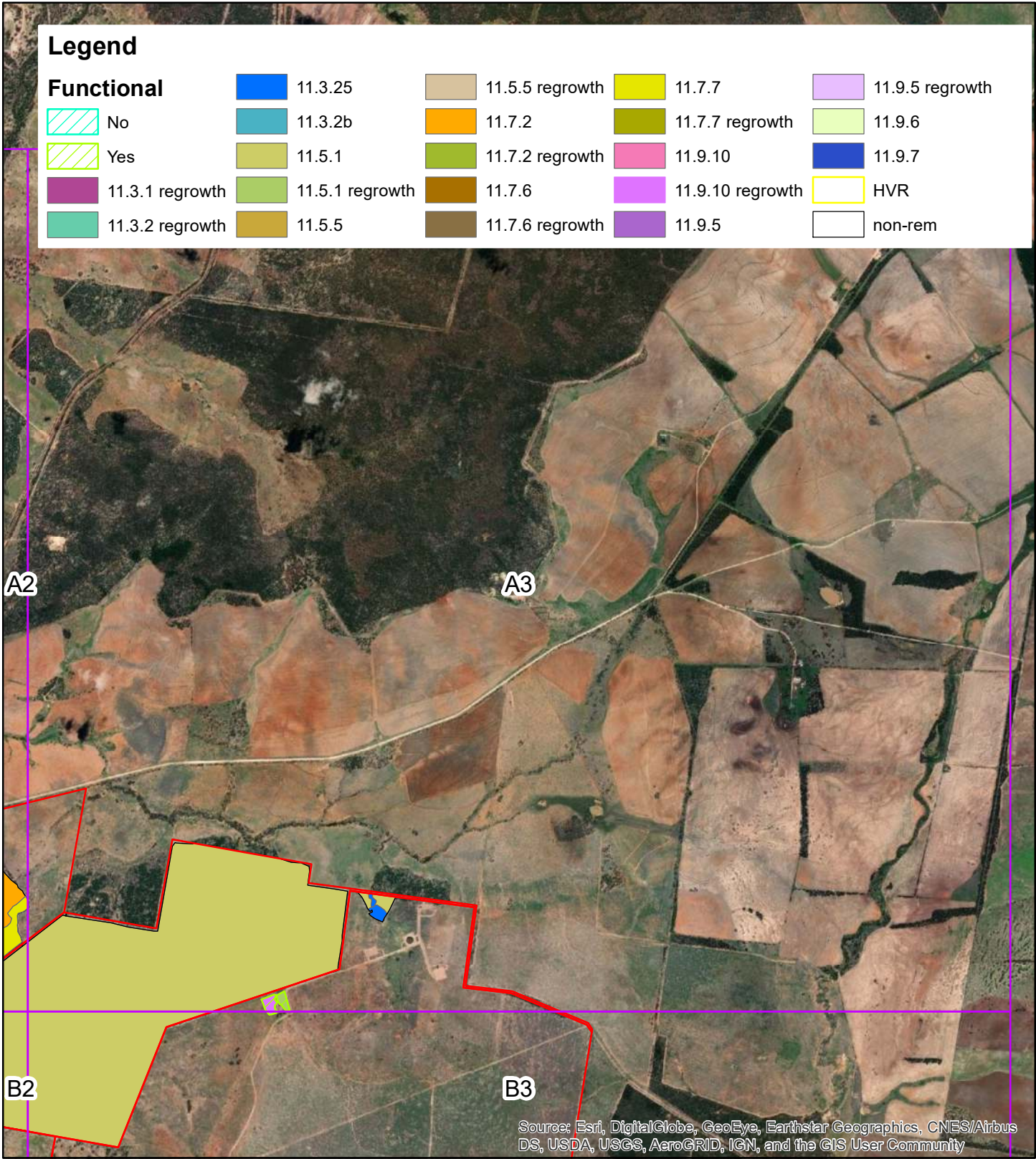


FIGURE 3.3 A3

Ground Truthed Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

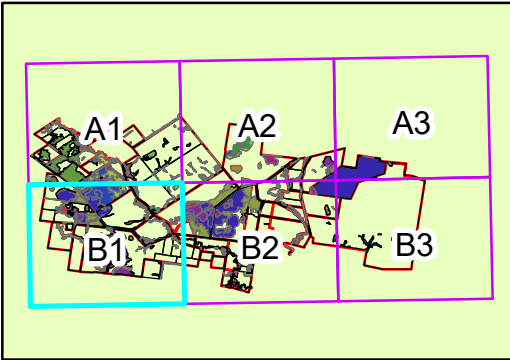
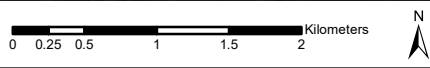
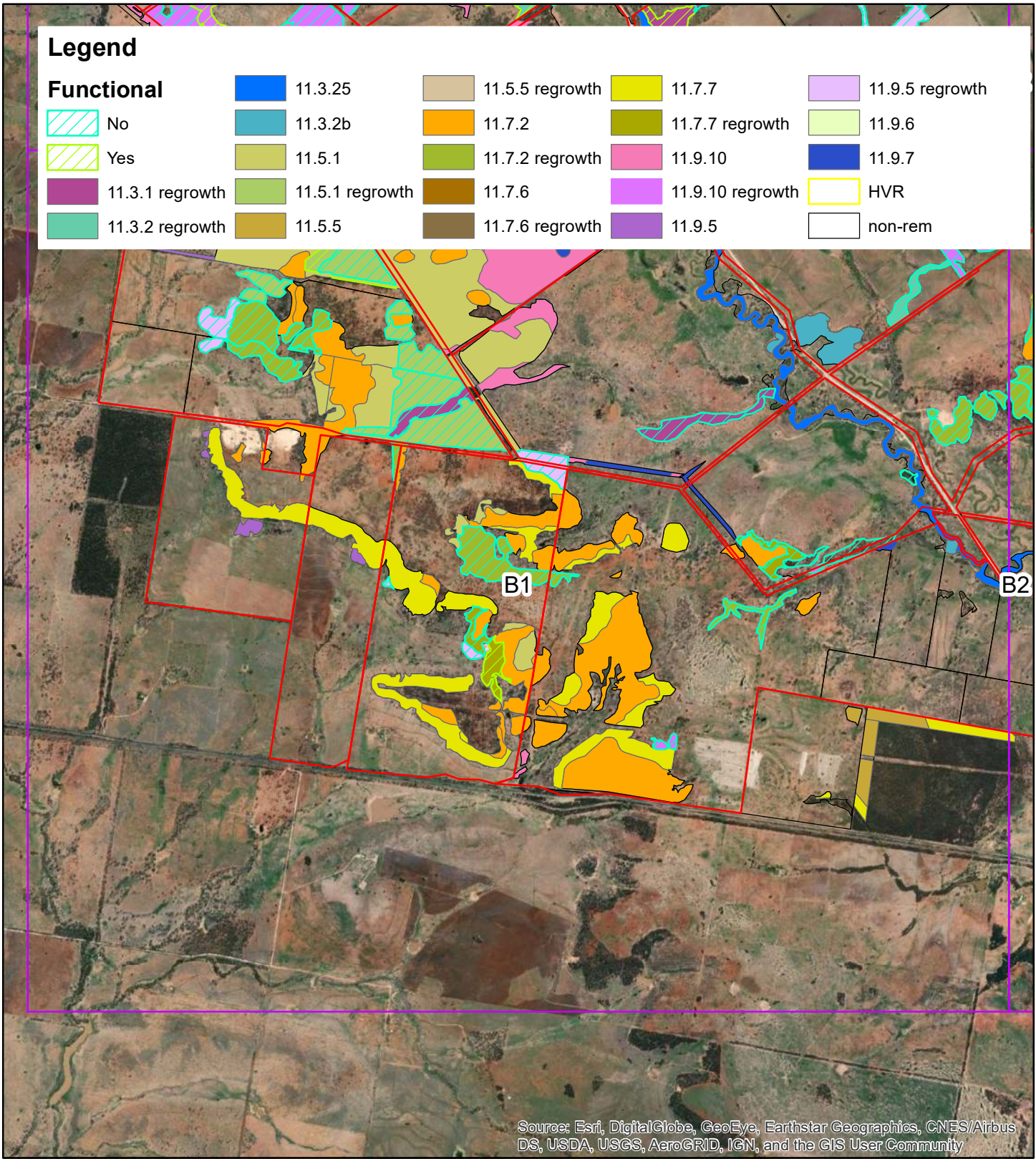


FIGURE 3.3 B1

Ground Truthed Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

AD 25/03/21
Job No. 0237

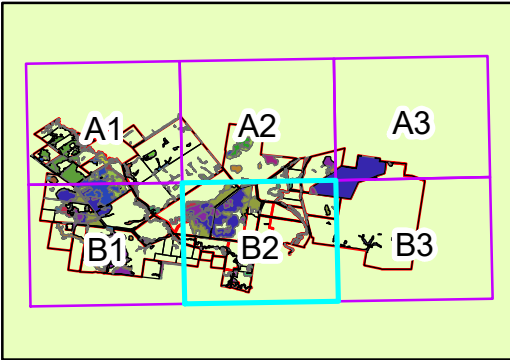
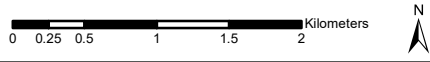
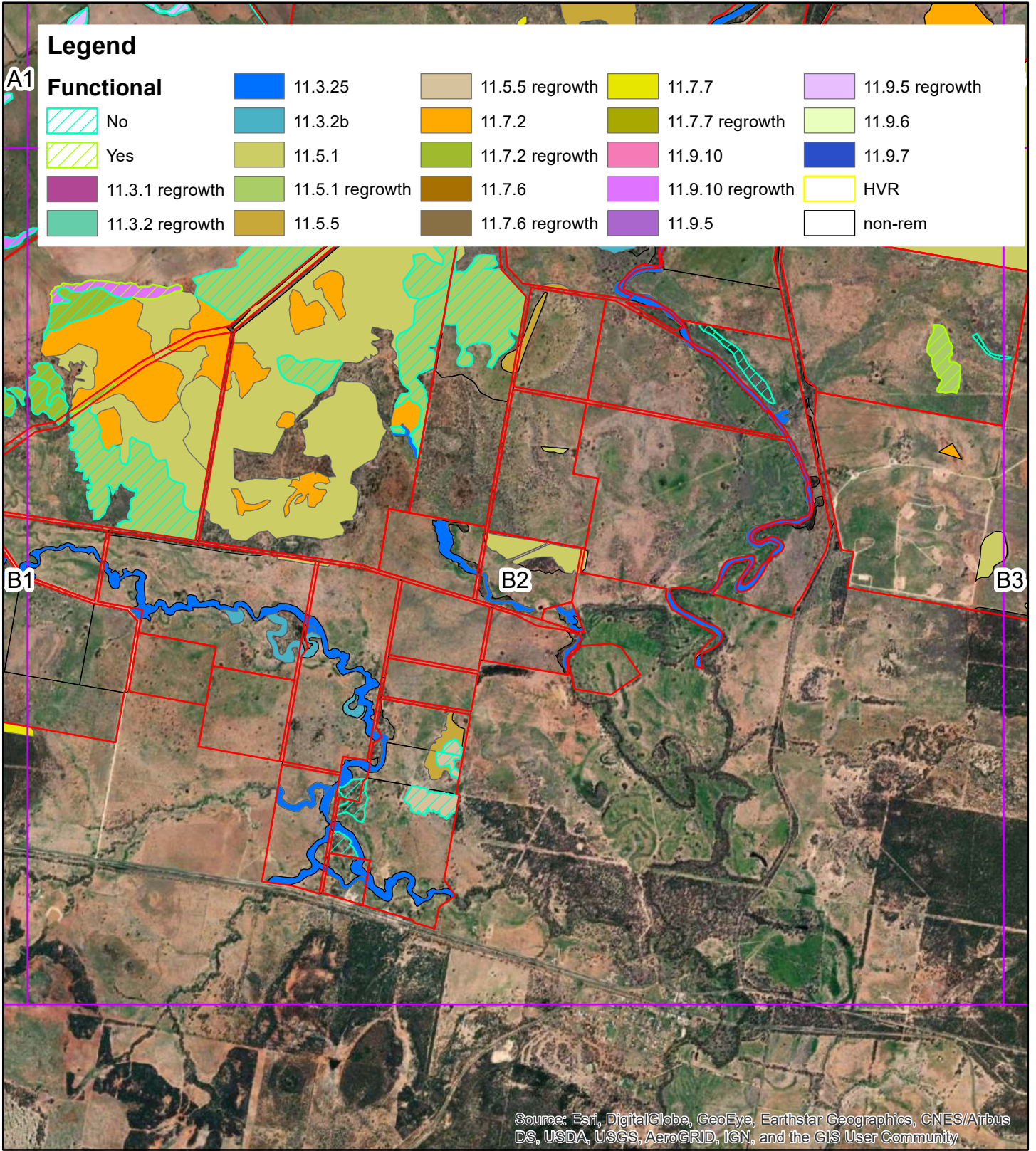


FIGURE 3.3 B2

Ground Truthed Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

AD 25/03/21
Job No. 0237

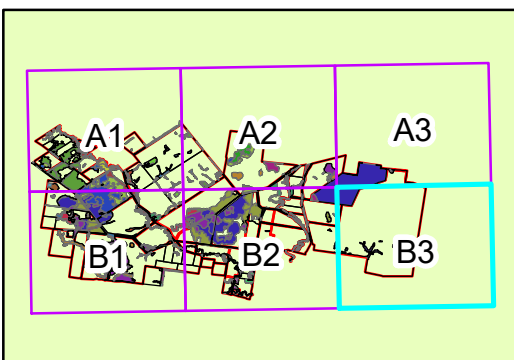
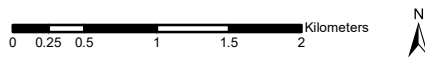
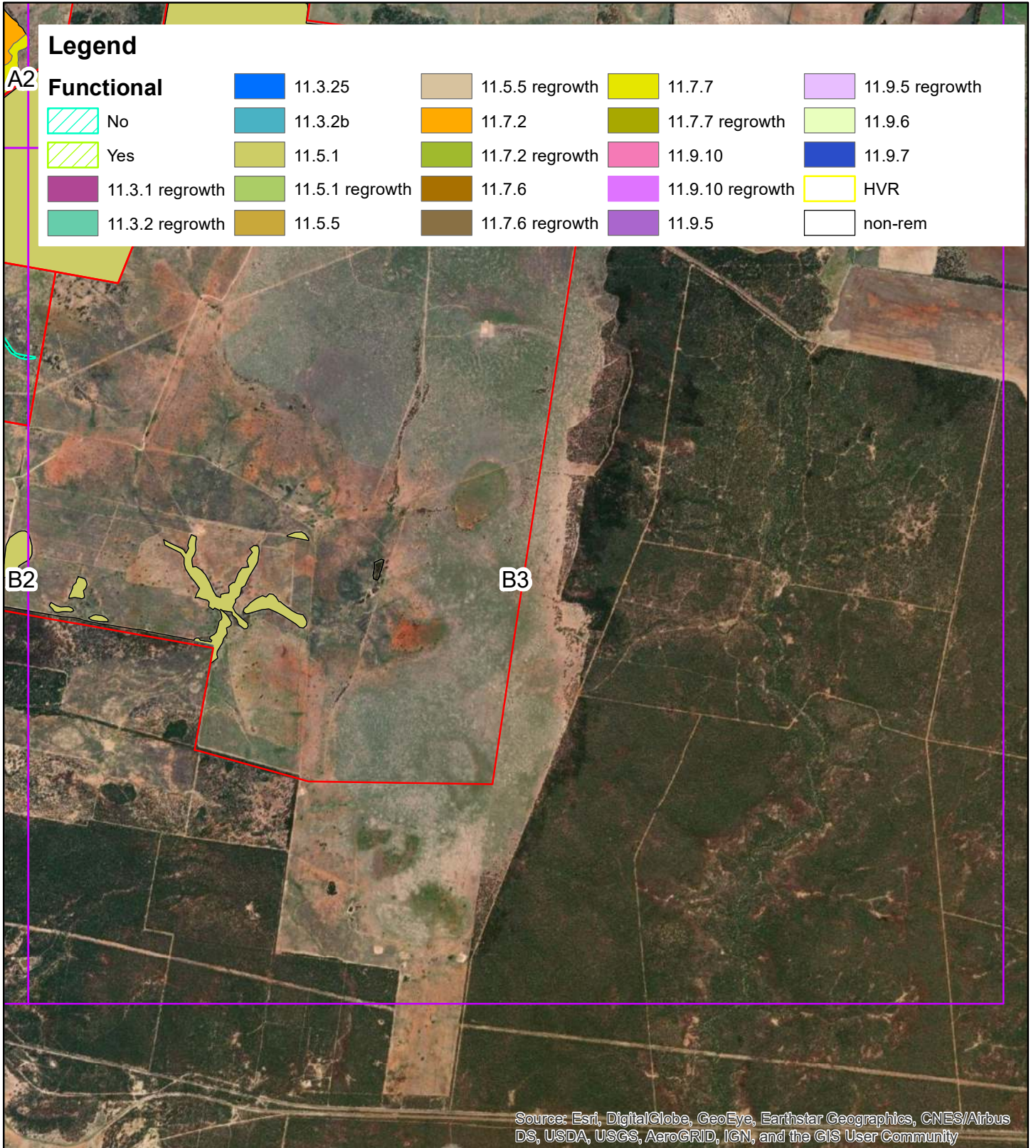


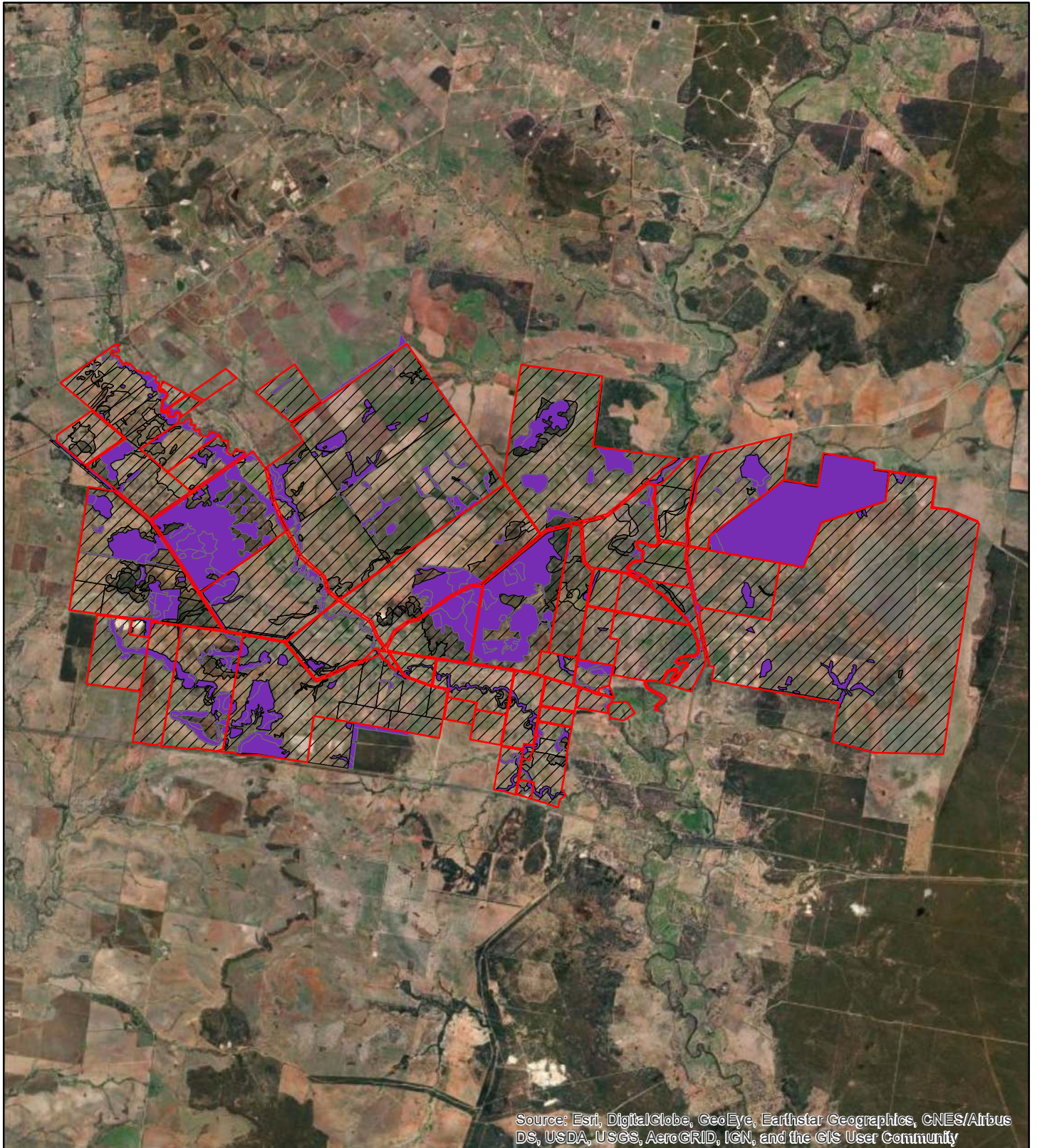
FIGURE 3.3 B3

Ground Truthed Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Nyct_corb

 General Habitat


 Generally unsuitable

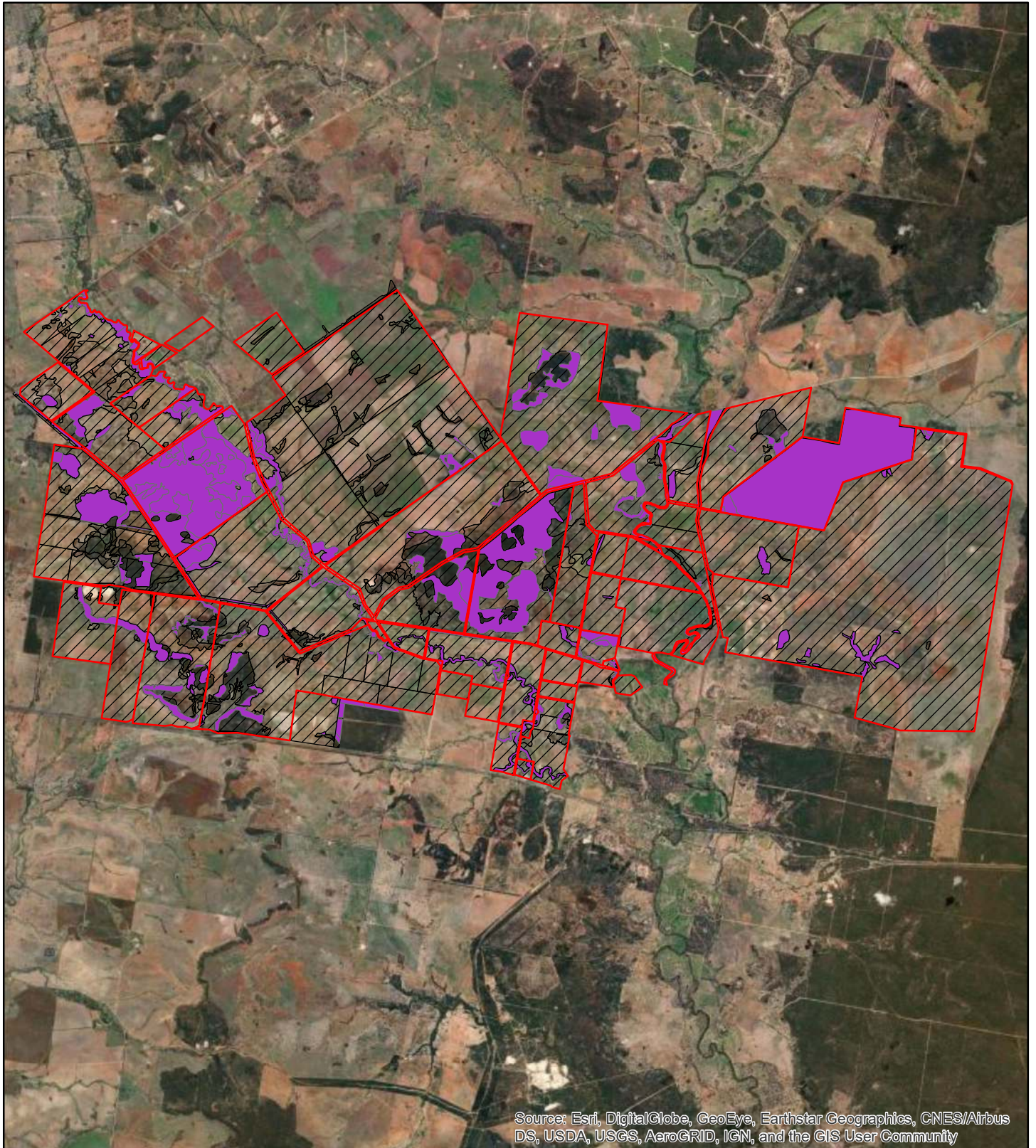
FIGURE 3.4

South-eastern Long-eared bat *Nyctophilus corbeni* Habitat

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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Peta_vola

 General Habitat

 Generally unsuitable

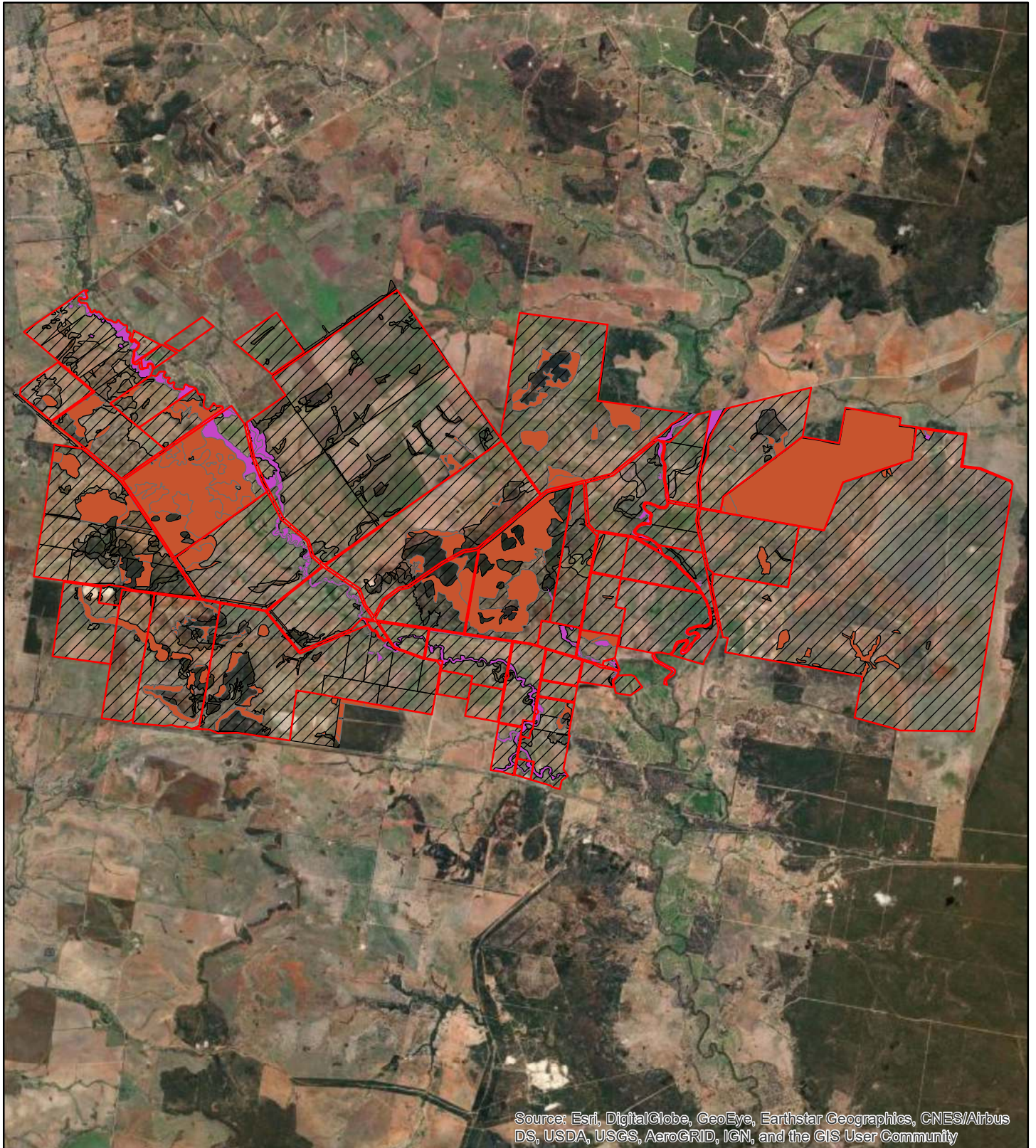
FIGURE 3.5

Greater Glider *Petauroides volans* Habitat

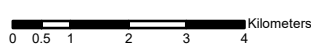
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Legend

 SD22 East_Properties

Phas_cine

 Essential Habitat

 General Habitat


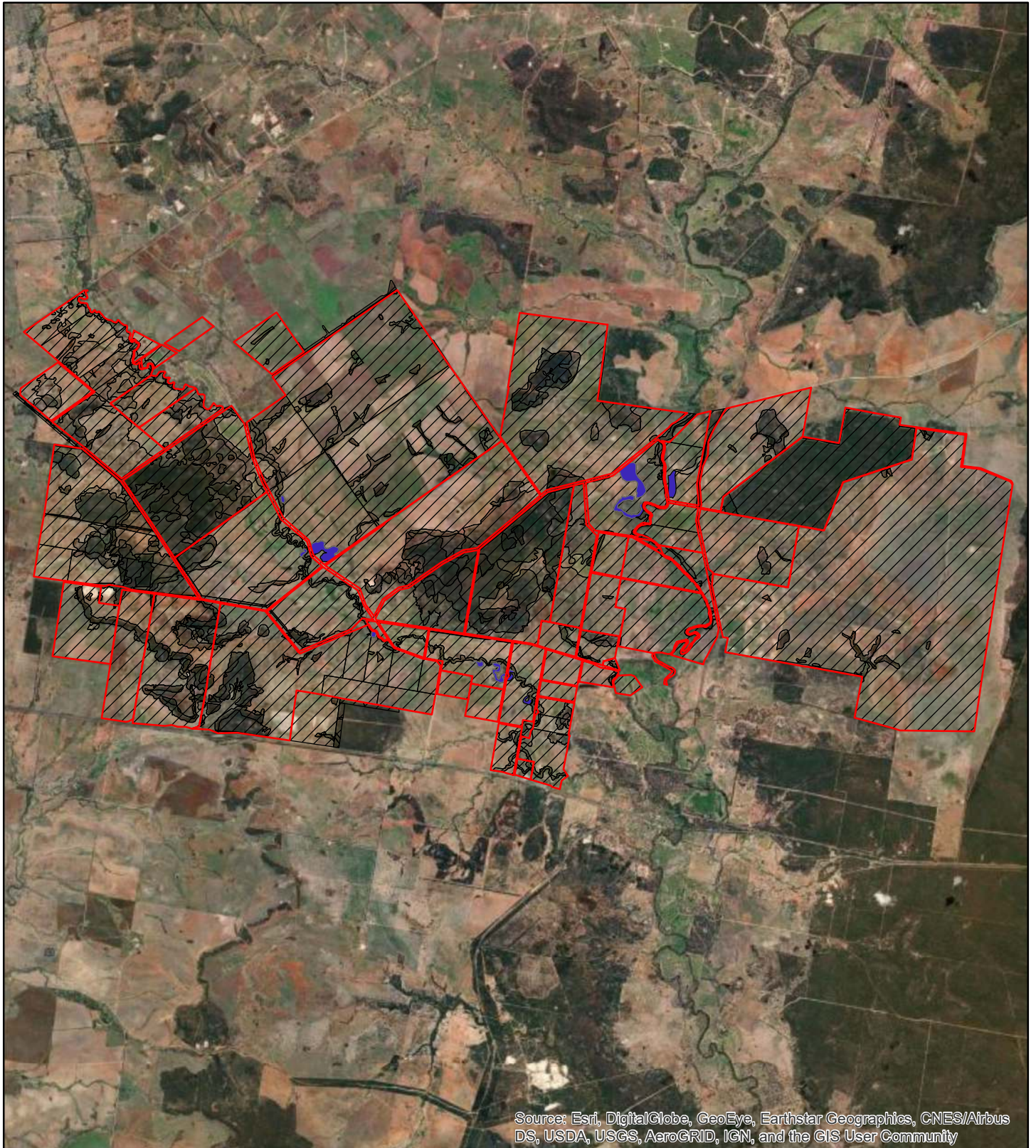
 Generally unsuitable

FIGURE 3.6

**Koala
Phascolarctos cinereus
Habitat**
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Bota_poic

 General Habitat

 Generally unsuitable

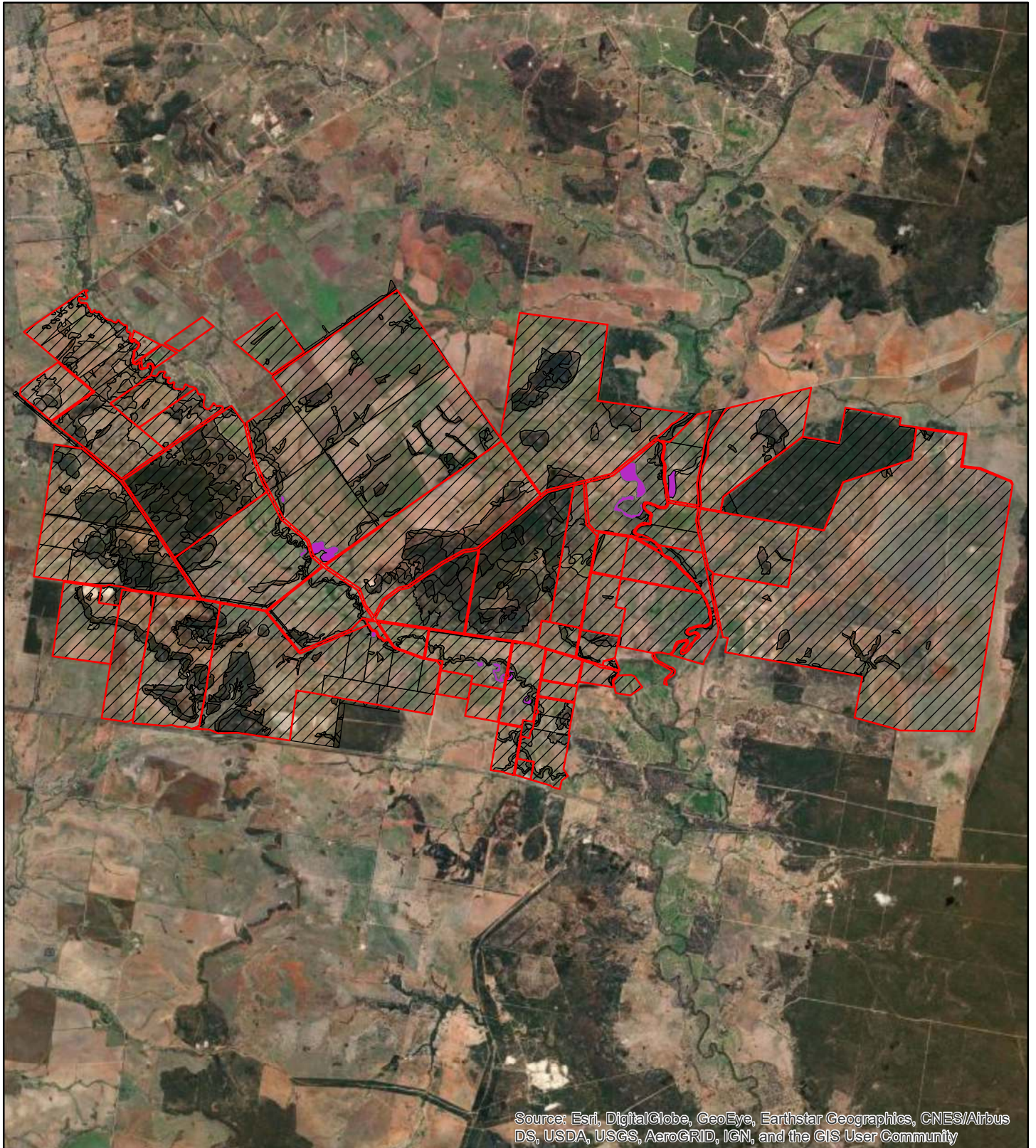
FIGURE 3.7

Australasian Bittern Botaurus poiciloptilus Habitat

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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Cali_ferr

 General Habitat

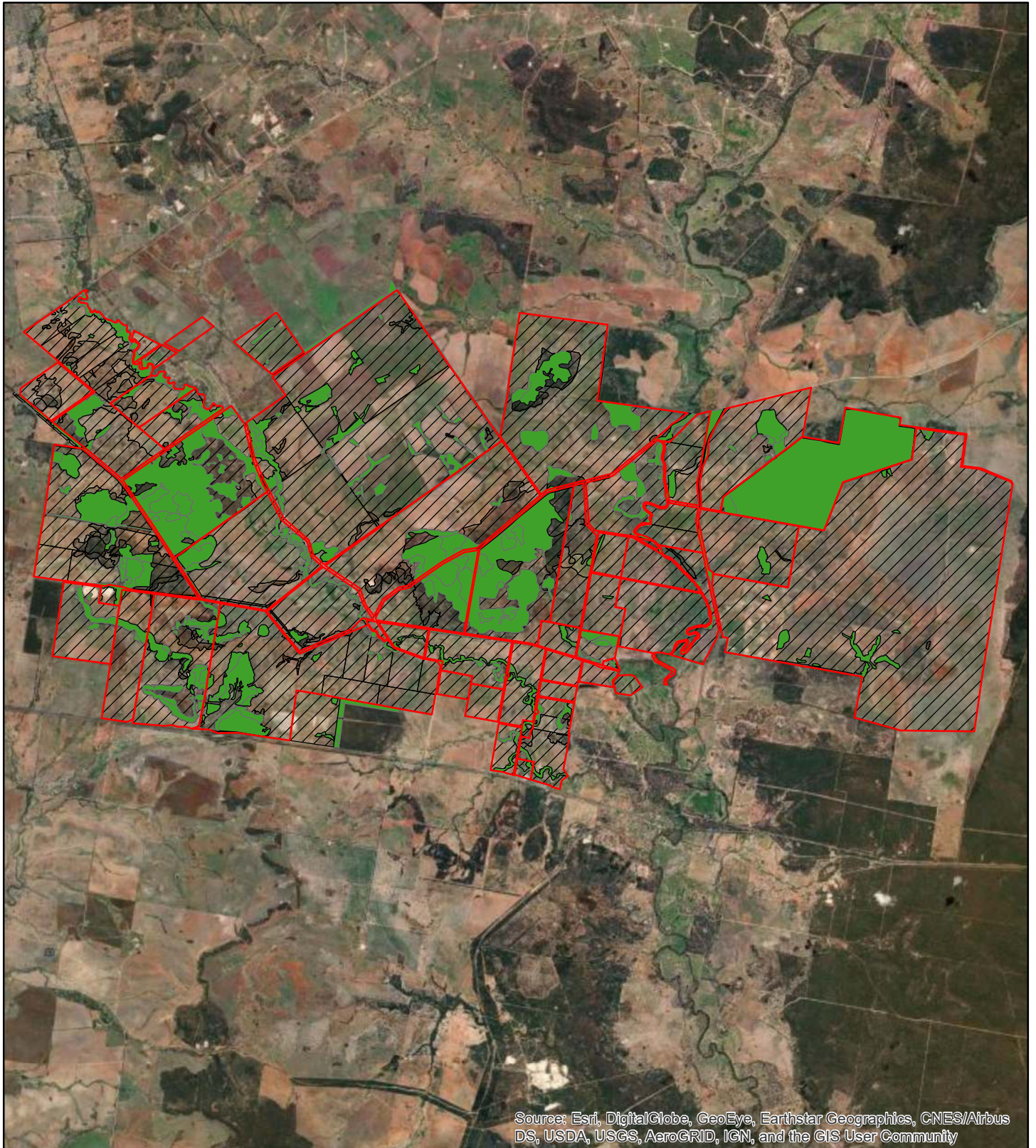
 Generally unsuitable

FIGURE 3.8

**Curlew Sandpiper
Calidris ferruginea
Habitat**
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Caly_lath

 General Habitat


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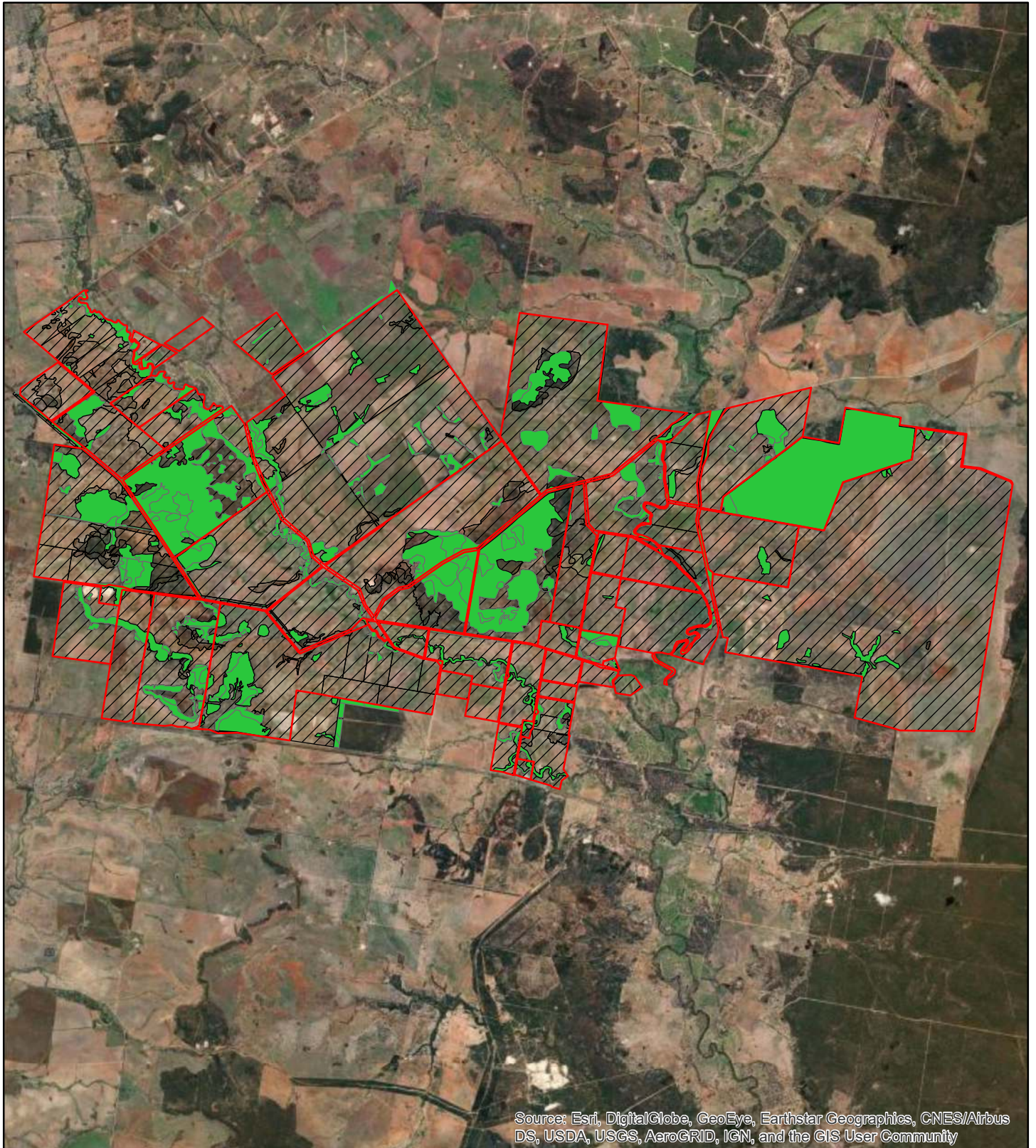
FIGURE 3.9

Glossy Black-Cockatoo *Calyptorhynchus lathami* Habitat

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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Gran_pict

 General Habitat


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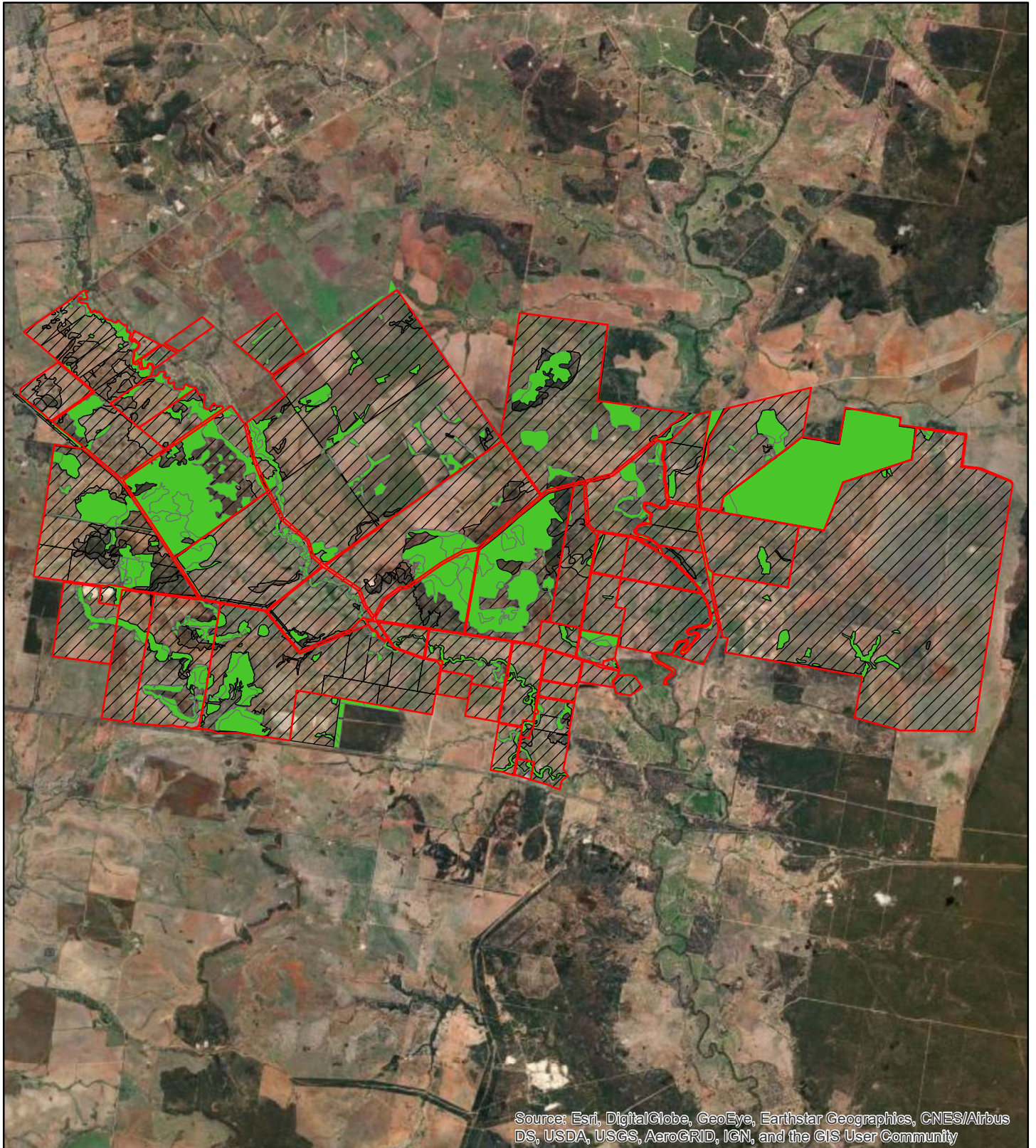
FIGURE 3.10

Painted Honeyeater *Grantiella picta* Habitat

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Legend

 SD22 East_Properties

Hiru_caud

 General Habitat


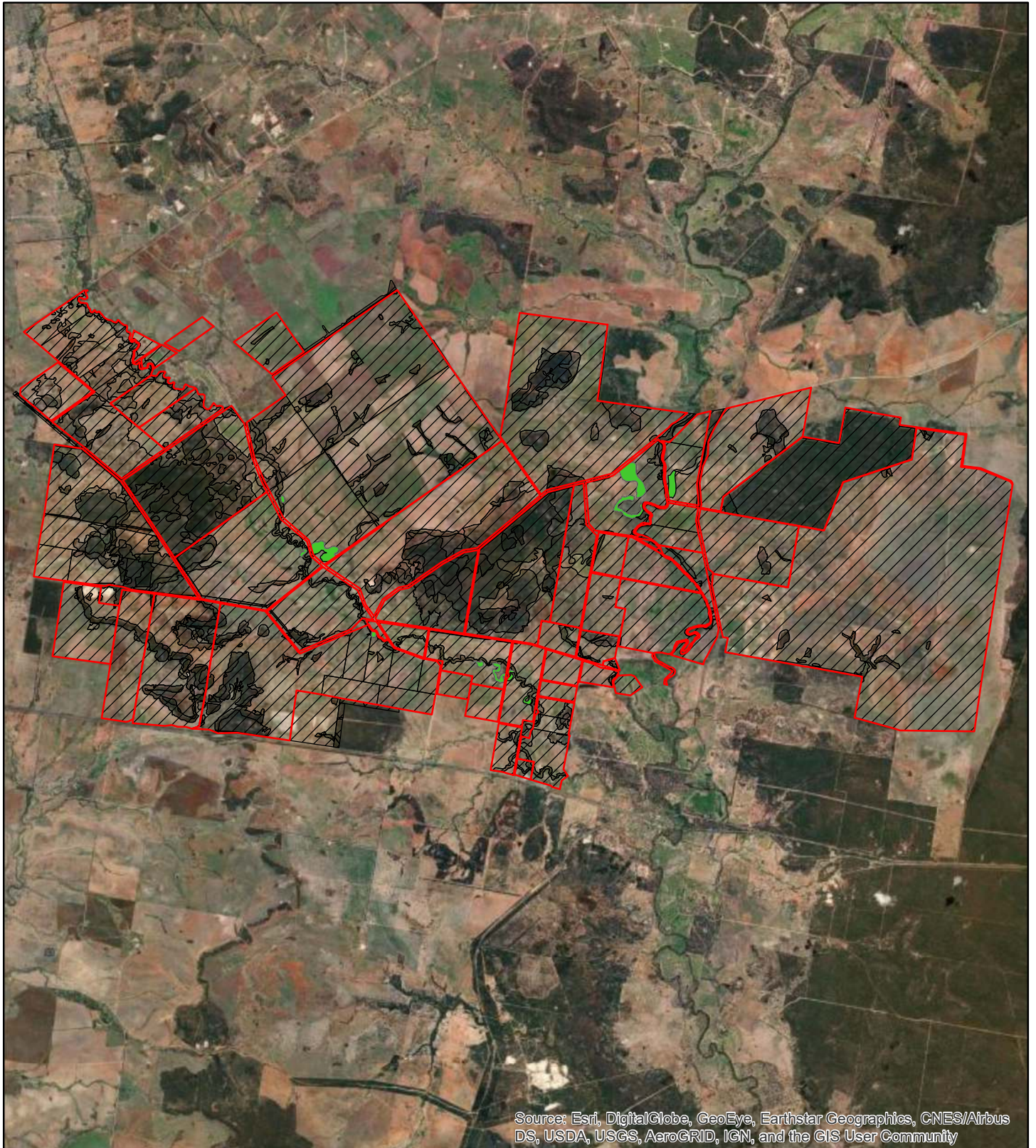
 Generally unsuitable

FIGURE 3.11

White-throated Needletail
Hirundapus caudacutus
Habitat
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Rost_aust

 General Habitat


 Generally unsuitable

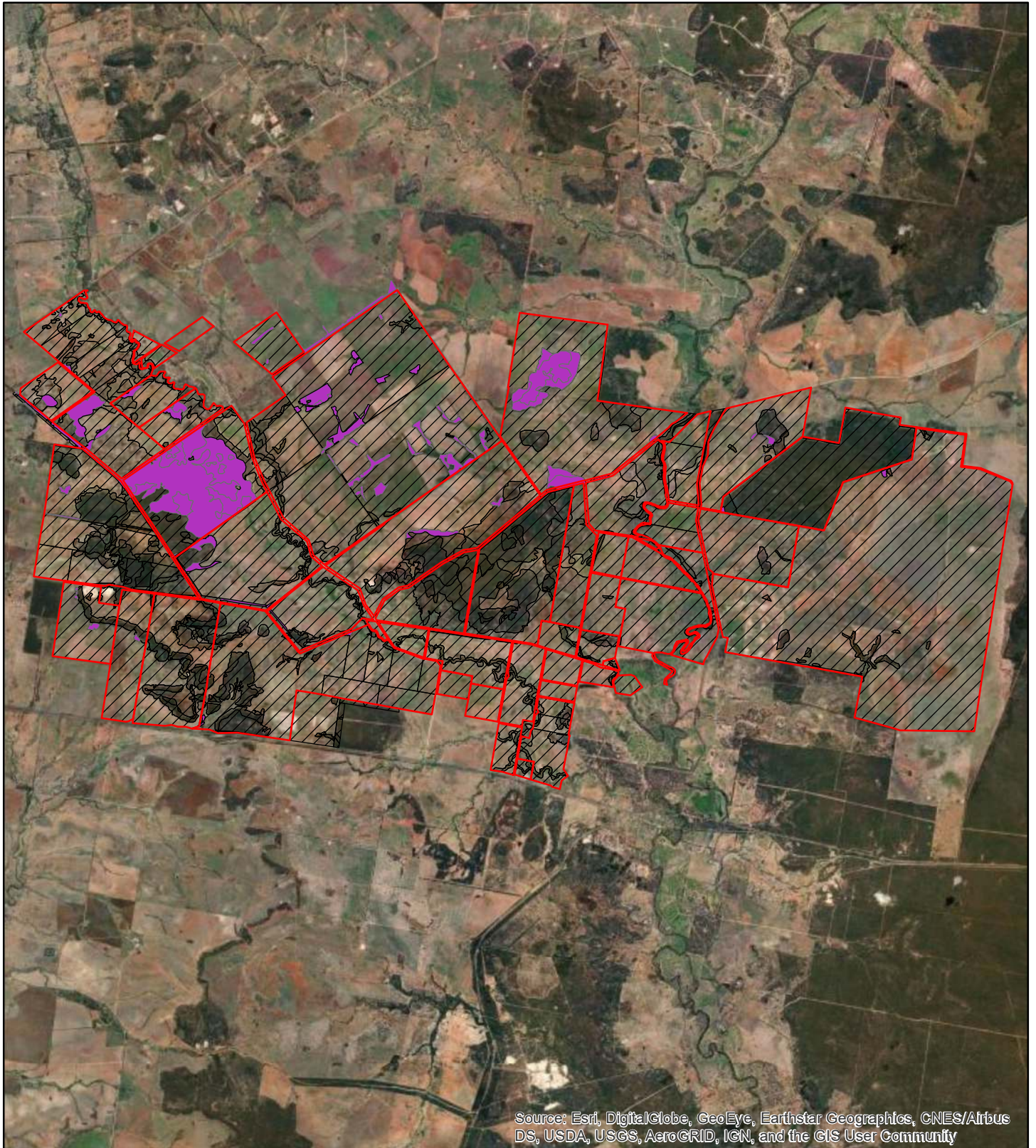
FIGURE 3.12

Australian Painted Snipe *Rostratula australis* Habitat

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
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Acan_anta

 General Habitat


 Generally unsuitable

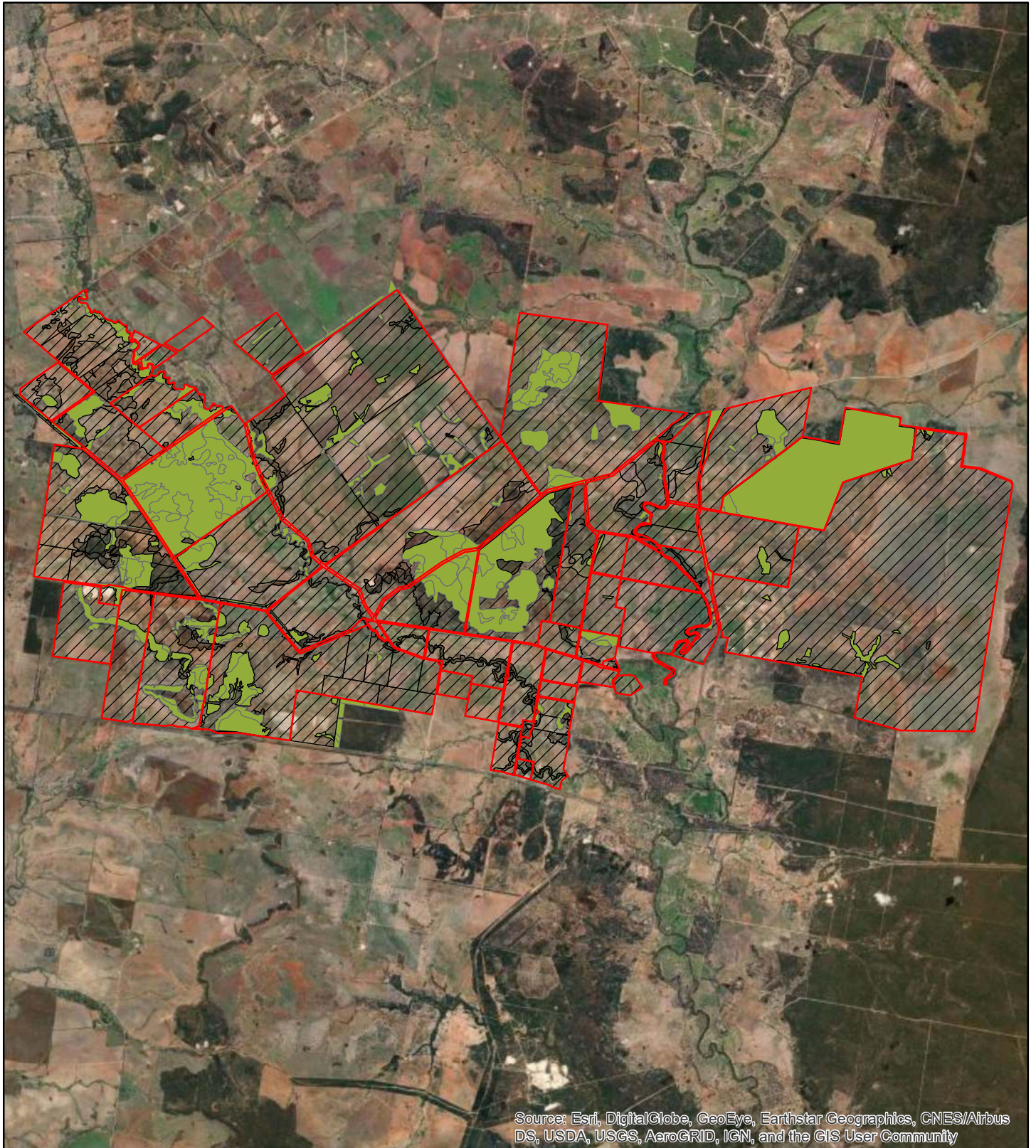
FIGURE 3.13

Common Death Adder Acanthophis antarcticus Habitat

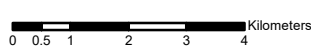
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Aspi_rams

 General Habitat


 Generally unsuitable

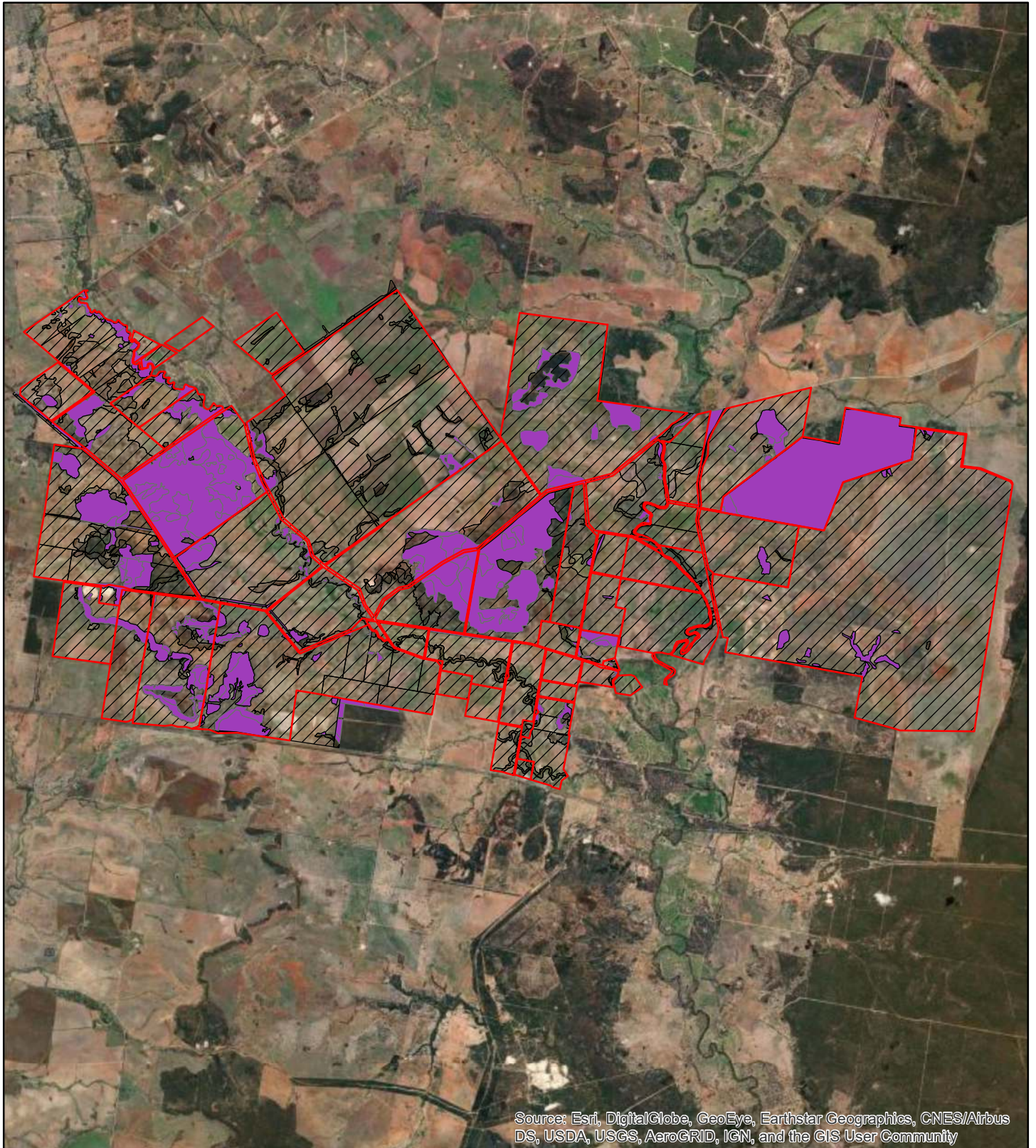
FIGURE 3.14

**Woma
Aspidites ramsayi
Habitat**

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0 0.5 1 2 3 4 Kilometers




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
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Delm_torq

 General Habitat


 Generally unsuitable

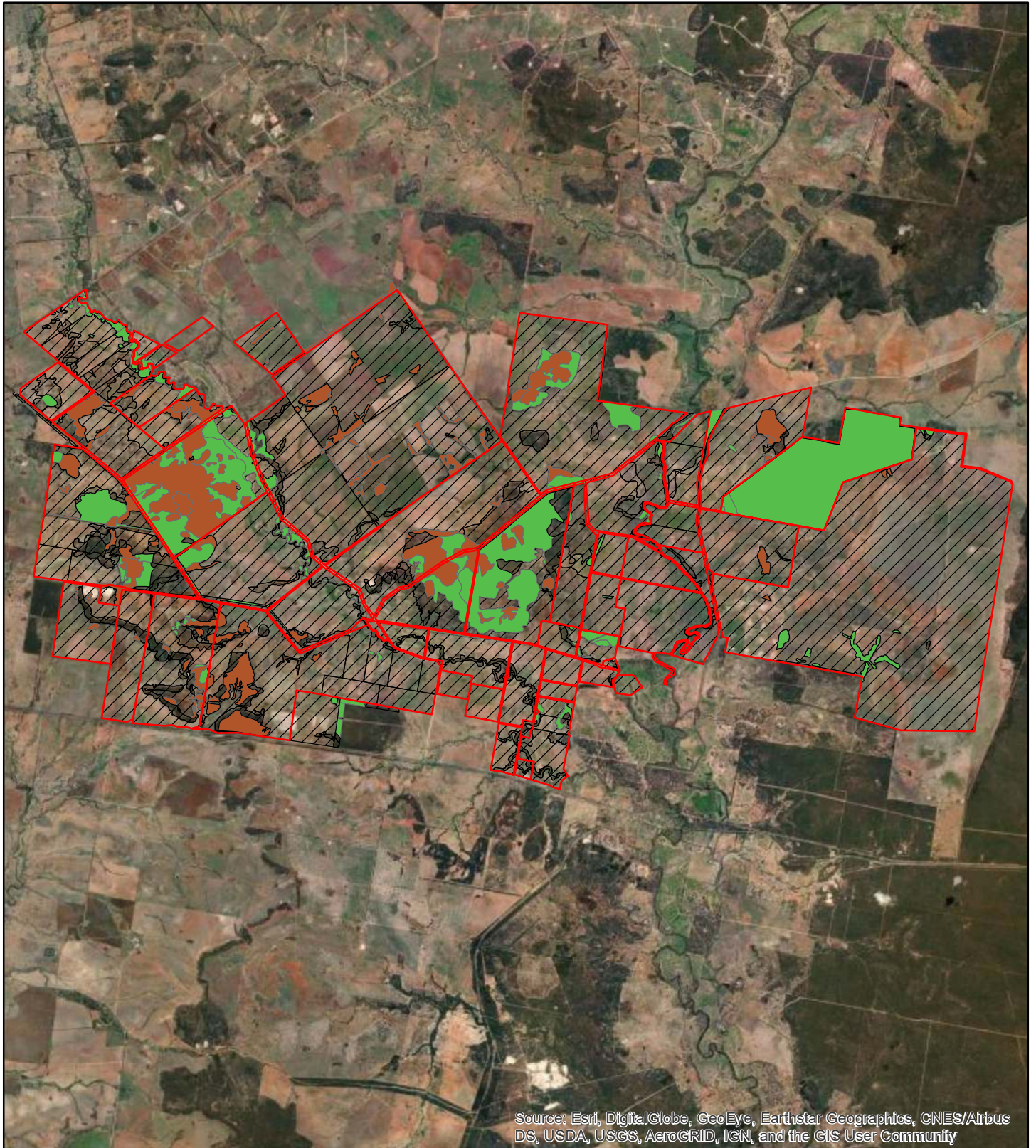
FIGURE 3.15

Collared Delma Delma torquata Habitat

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Legend

 SD22 East_Properties

Eger_rugo

 Essential Habitat

 General Habitat


 Generally unsuitable

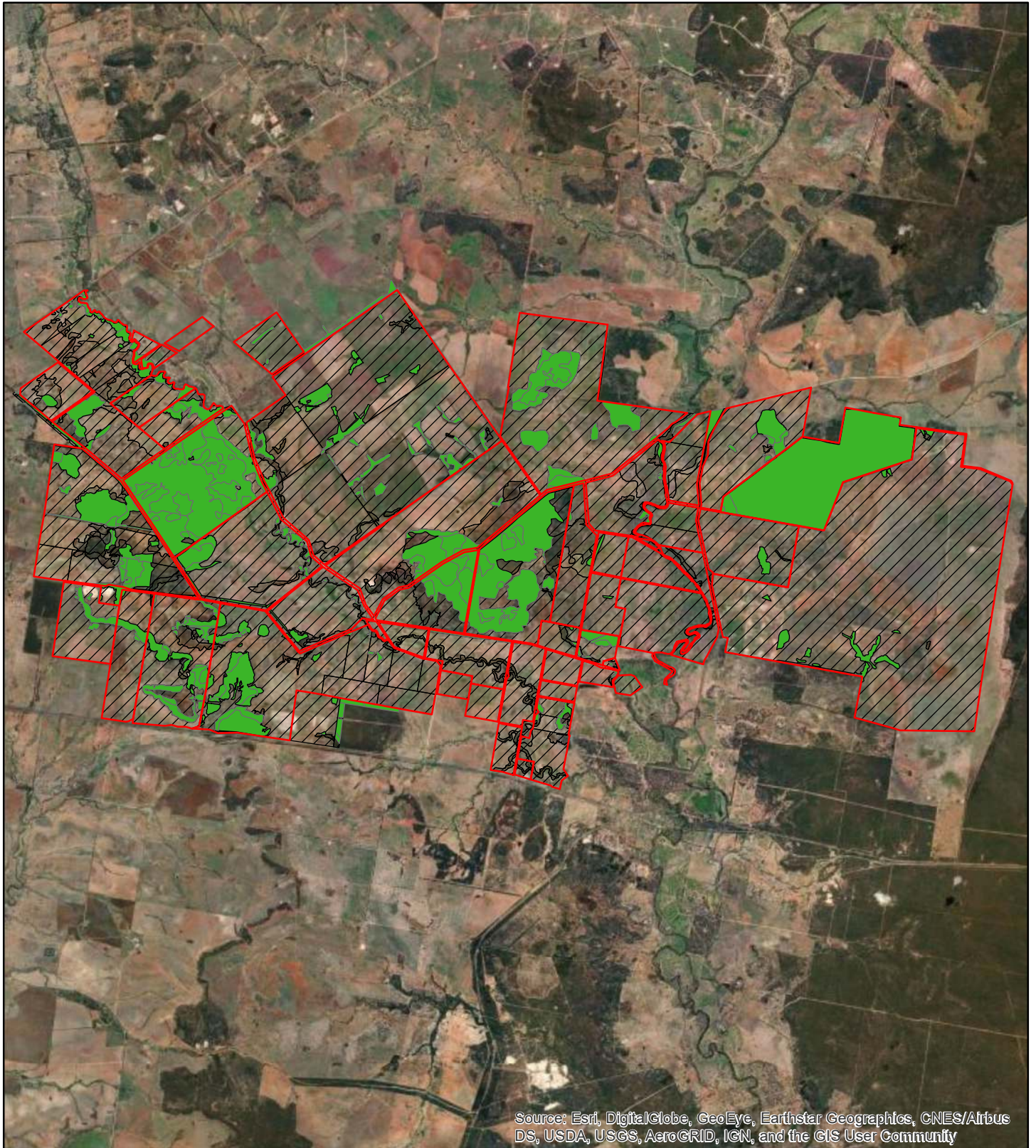
FIGURE 3.16

Yakka Skink Egernia rugosa Habitat

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Constraints Mapping

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Legend

 SD22 East_Properties

Furi_dunm

 General Habitat


 Generally unsuitable

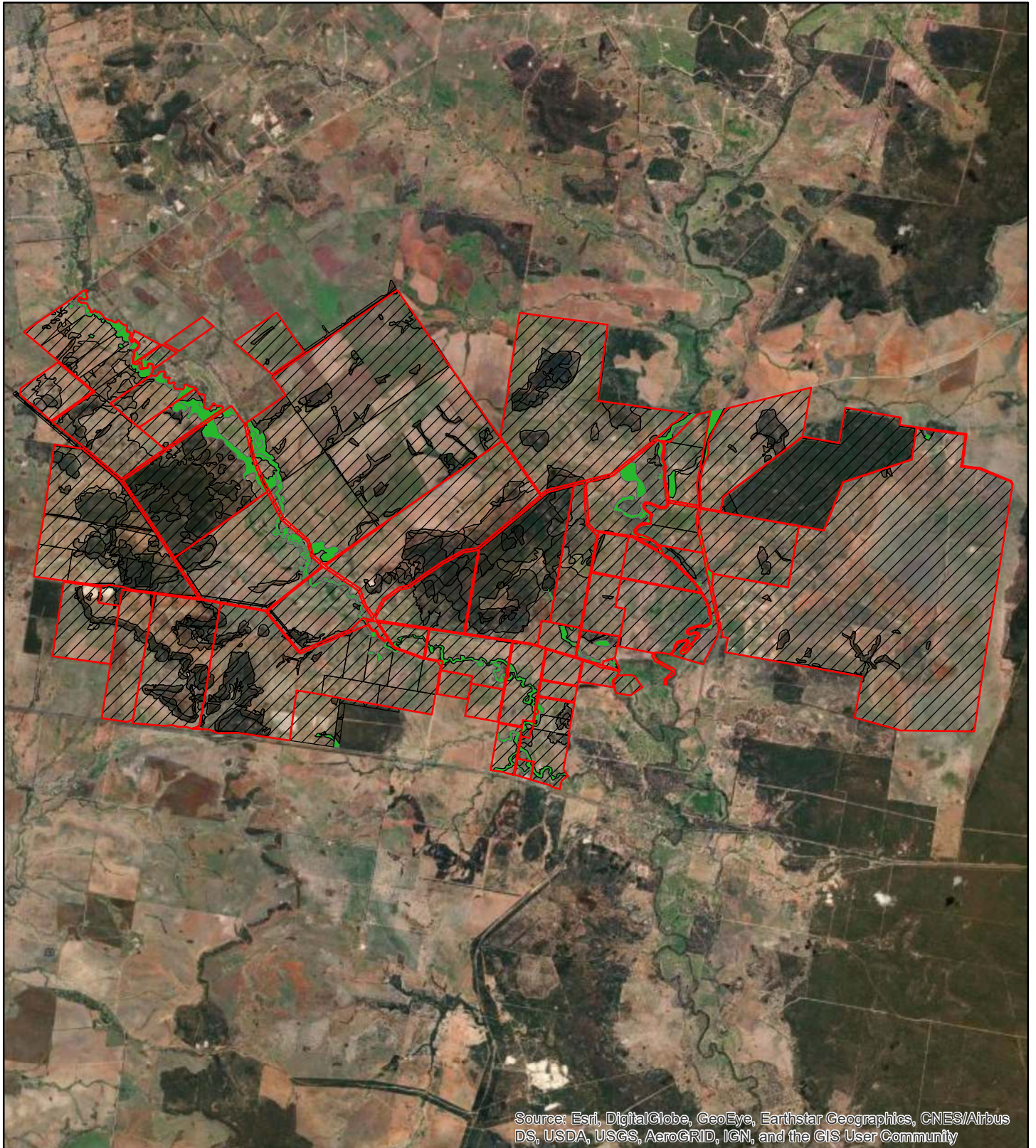
FIGURE 3.17

Dunmall's Snake Furina dunmali Habitat

SD22 East Ecological
Constraints Mapping

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Job No. 0237





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0 0.5 1 2 3 4 Kilometers




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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Hemi_dame

 General Habitat

 Generally unsuitable

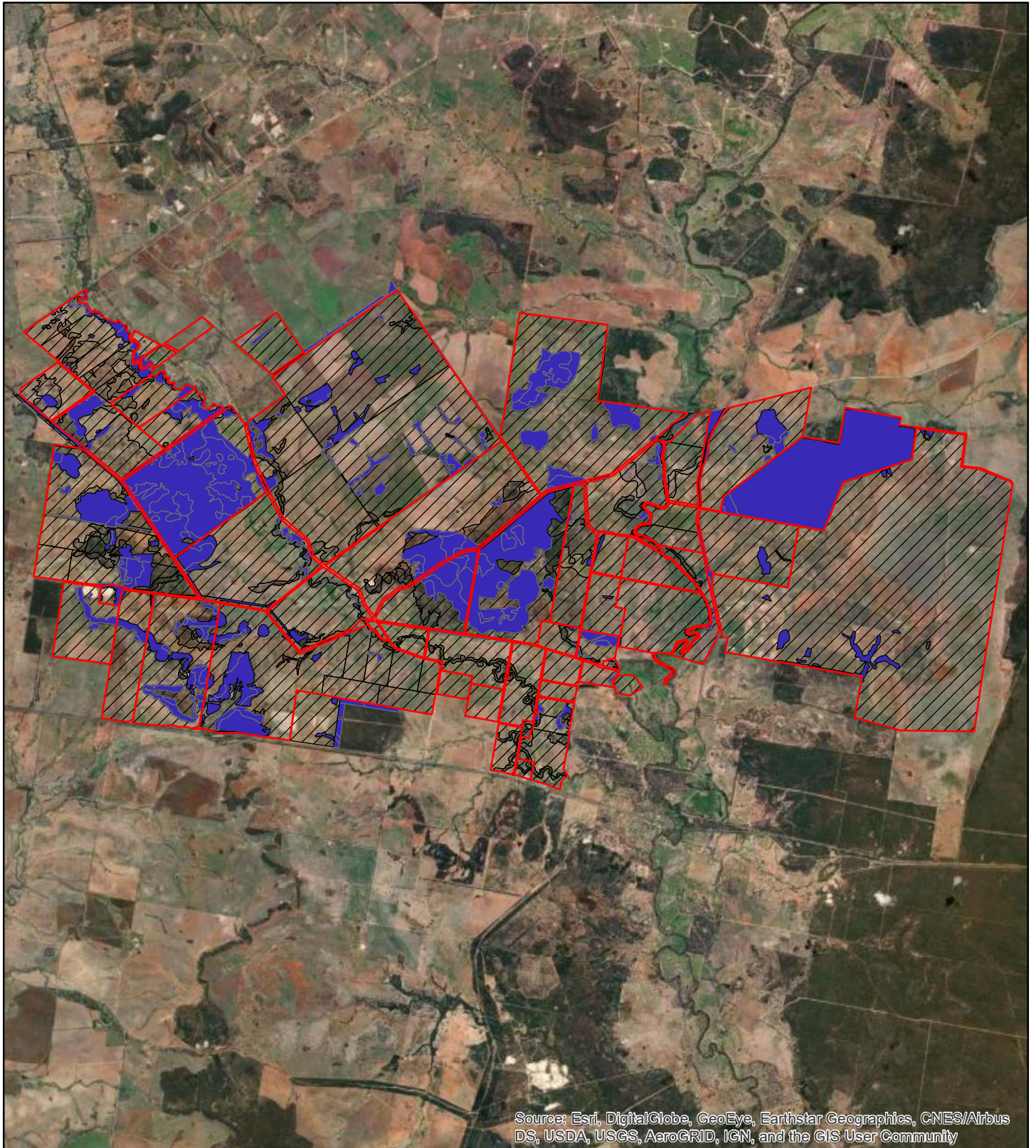
FIGURE 3.18

Grey Snake *Hemiaspis damelii* Habitat

SD22 East Ecological
Constraints Mapping

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
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Stro_tae

 General Habitat

 Generally unsuitable

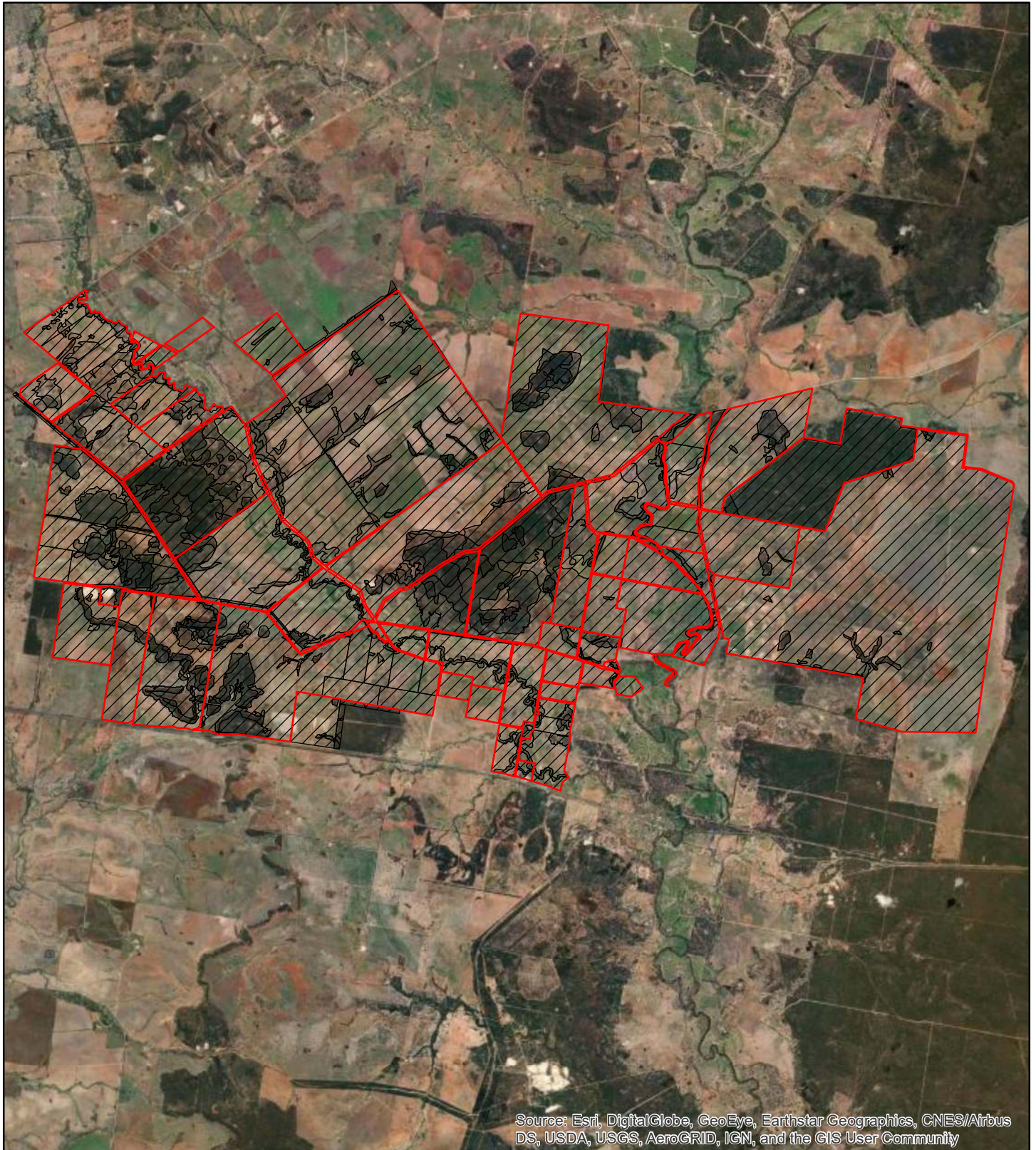
FIGURE 3.19

Golden-tailed Gecko *Strophurus taenicauda* Habitat

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Constraints Mapping

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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Tymp_wils


 Generally unsuitable

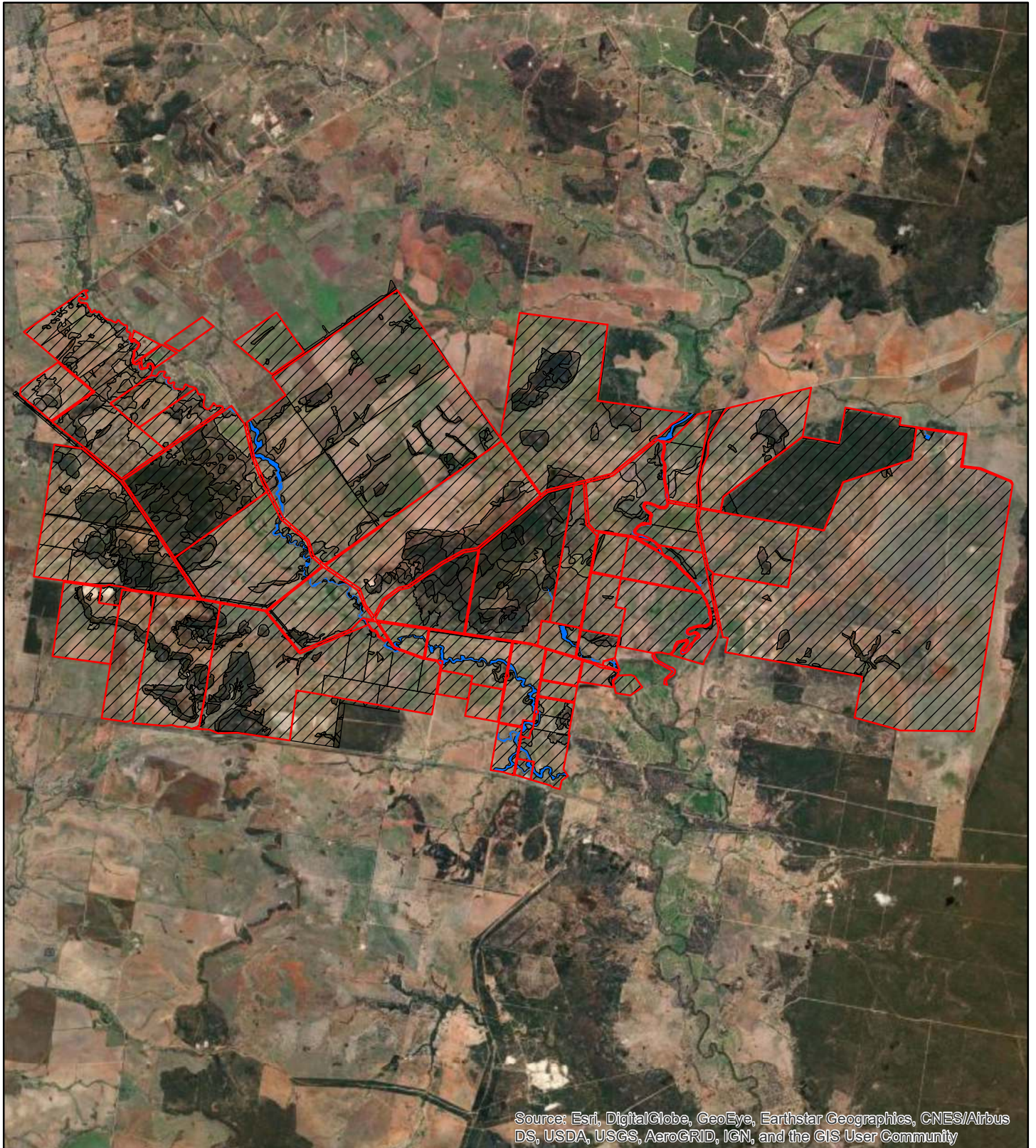
FIGURE 3.20

Roma Earless Dragon Typanocryptis wilsoni Habitat

SD22 East Ecological
Constraints Mapping

AD 25/03/21
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
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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Macc_peel

 General Habitat


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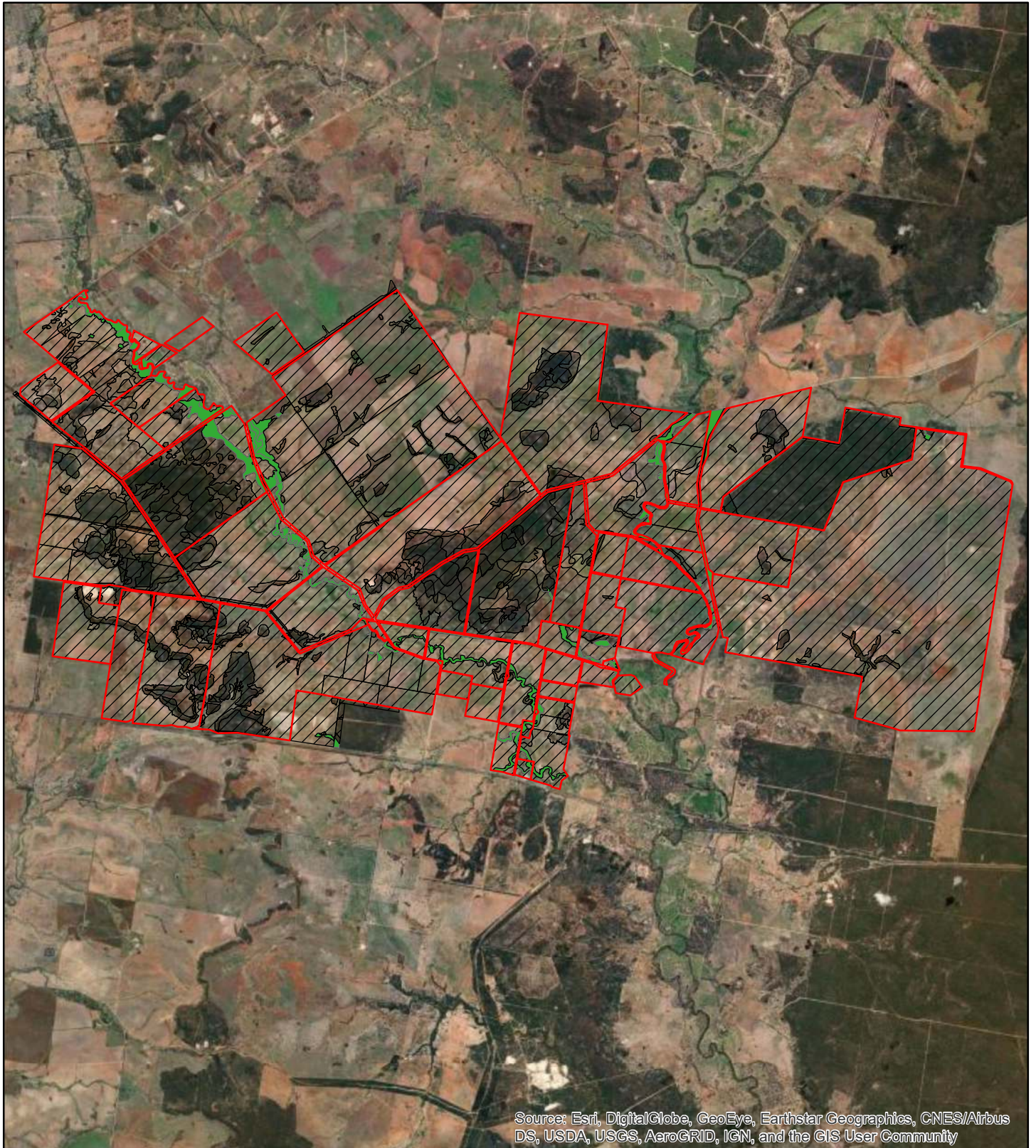
FIGURE 3.21

Murray Cod Maccullochella peelii Habitat

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Constraints Mapping

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0 0.5 1 2 3 4 Kilometers




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
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Legend

 SD22 East_Properties

Adcl_came

 General Habitat


 Generally unsuitable

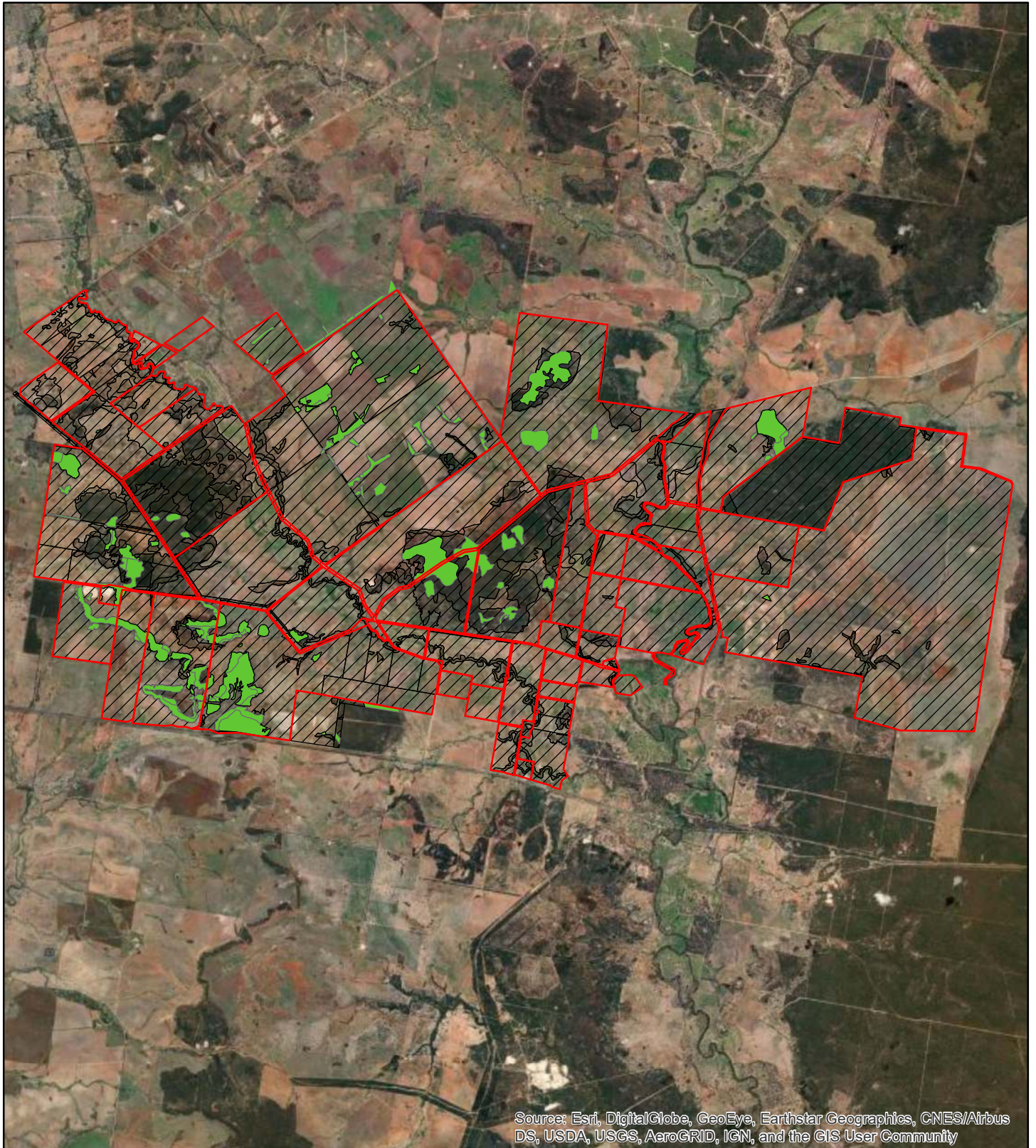
FIGURE 3.21

Brigalow Woodland Snail Maccullochella peelii Habitat

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Constraints Mapping

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Job No. 0237





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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Adcl_dula

 General Habitat


 Generally unsuitable

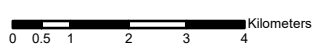
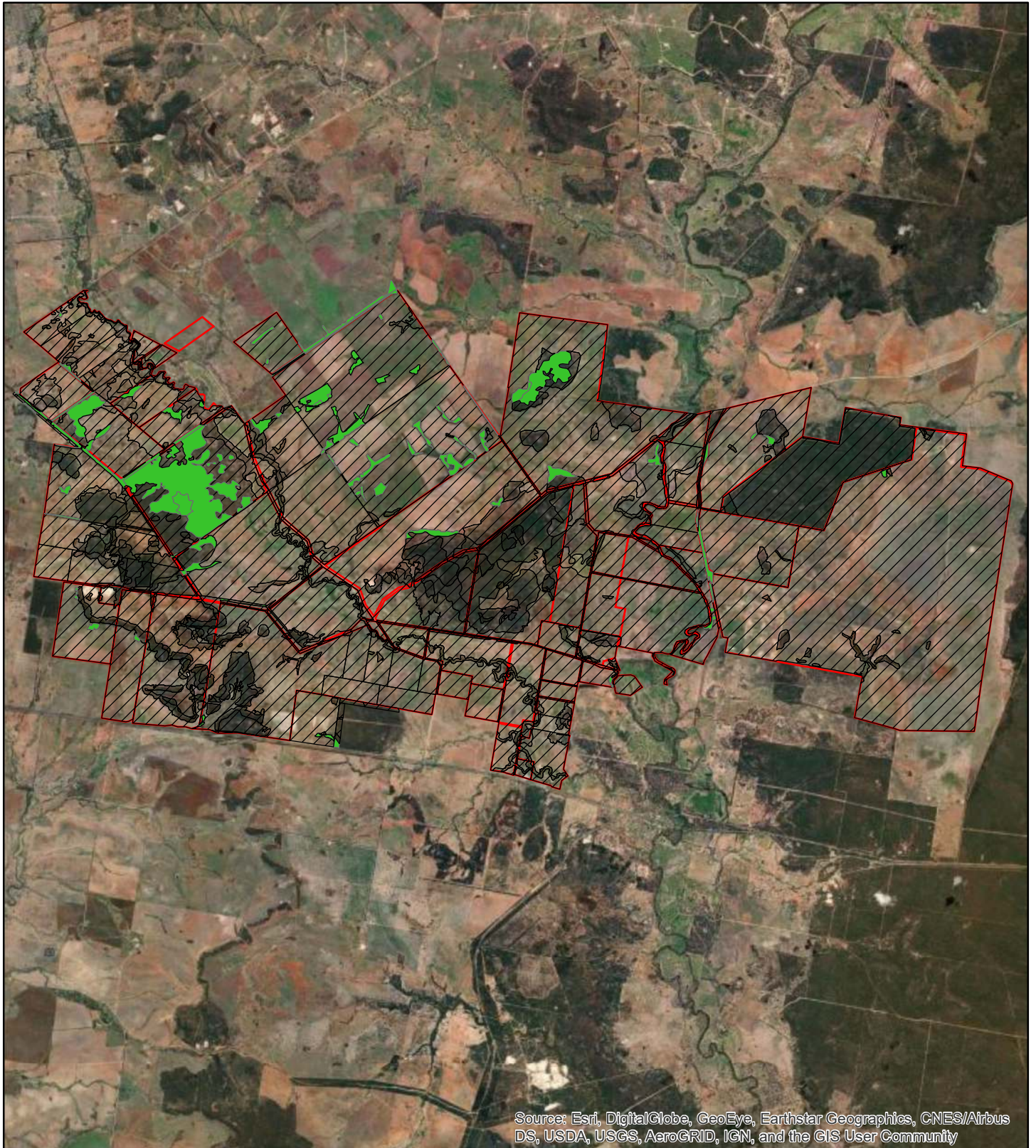
FIGURE 3.23

Dulacca Woodland Snail *Adclarkia dulacca* Habitat

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Aerial imagery courtesy of Bing Maps.

Legend

 SD22 East_Properties

Jalm_eubu

 General Habitat


 Generally unsuitable

FIGURE 3.24

Pale Imperial Hairstreak butterfly *Jalmenus eubulus* Habitat

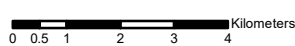
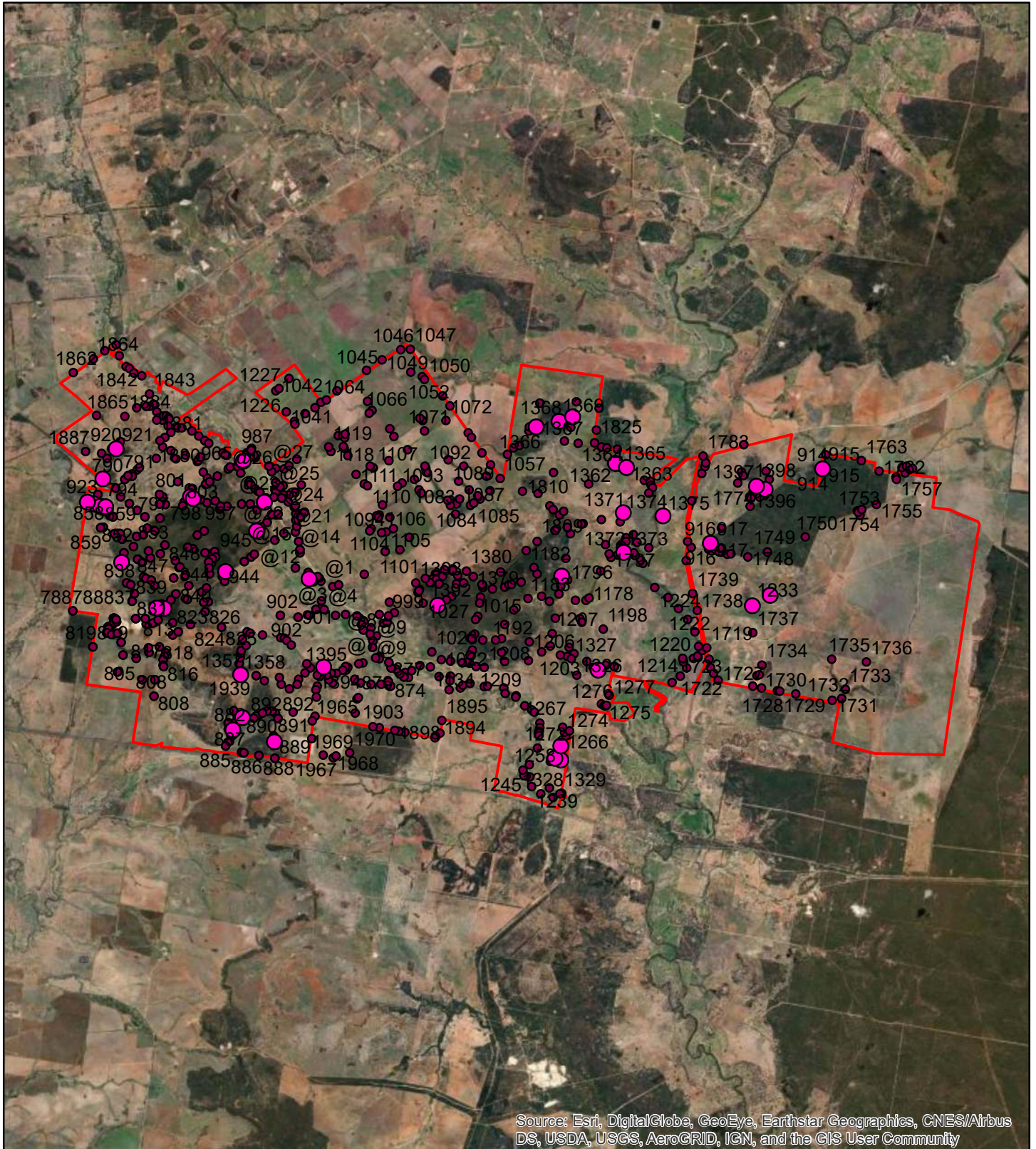
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Appendix A

Field Survey Site Locations



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Aerial imagery courtesy of Bing Maps.

Legend

- Biocondition sites
- Field Survey Sites

APPENDIX FIGURE A

State 1:100,000 Regional Ecosystem Mapping

SD22 East Ecological Constraints Mapping

AD 25/03/21
Job No. 0237



Appendix B

Field Survey Site Data: RE Code Site Sheets

A 3.3 Sheet D – Regional Ecosystem type assessment site

1719

Location

Site No. 1 Recorder: A DANIEL Day Date: 23/11/2020
 Purpose: ED22
 Locality: (inc. distance/direction to nearest town) WYOM (YORREBA)
 GPS: 55 0738923 7039140 60194

Vegetation structure 3151

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	9	8 - 10	VS
T1	7	6 - 8	VS
T2	4	3 - 6	S
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
 Open woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	Casuarina cristata
E	d	Acacia tetralix
T2	d	Eucalyptus populnea
		Acacia forficata

Geology, landform, soils

Geology map/scale/year: _____

Geology code and rock types: _____

Land system: _____

Landform: _____

Soils: _____

Field observation and notes: _____

Landzone: 9

RE code changes

Existing RE code: _____

Proposed RE code: non-reun non-functional

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 2 Recorder: A Daniel Day Date: 23/11/2020
 Purpose SD22
 Locality: (inc. distance/direction to nearest town) HILSTON
 GPS: 54 0739097 705 8474 GD94

Vegetation structure

Median height of the EDL is to be measured

1722
3151

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	10	9 - 12	
T2		-	
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Callitris callummaris</i>
T1	a	<i>Eucalyptus populnea</i>
T1	a	<i>Angophora leiocarpus</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: _____
 Field observation and notes: _____

Landzone: 5

RE code changes

Existing RE code: 11.5.5/11.5.1
 Proposed RE code: 11.5.5.

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 3 Recorder: A. Daniel Day Date: 23/11/2020
 Purpose: SD 22
 Locality: (inc. distance/direction to nearest town) WYENA (HUTSON)
 GPS: 55 0740344 7058096 90094

Vegetation structure

Median height of the EDL is to be measured

1727
316/3162

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>6</u>	<u>5 - 7</u>	<u>S</u>
T2	<u>3</u>	<u>2 - 5</u>	<u>S</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T1</u>	<u>a</u>	<u>Callitris glaucophylla</u>
<u>T2</u>	<u>d</u>	<u>Callitris glaucophylla</u>
<u>T2</u>	<u>a</u>	<u>Eucalyptus populnea</u>
<u>G</u>	<u>d</u>	<u>Arctostyca sp.</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Orange sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: HVR
 Proposed RE code: Non rain 11-5-5

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 4 Recorder: A. Daniel Day Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WYENNA
 GPS: 55 0742530 7058055 D

Vegetation structure

Median height of the EDL is to be measured 1733
3172/3

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	12	11 - 14	S
T2	10	8 - 11	S
T3		-	
S1		-	Absent
S2		-	
G		-	

Structural formation: (including height)
Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus melanophloea</i>
T1	a	<i>Angophora leiocarpa</i>
T2	d	<i>Callitris glaucophylla</i>
G		native grasses

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.5.5/11.5.1
 Proposed RE code: 11.5.5

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 5 Recorder: A. DANIEL Day Date: 24/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WYENA
 GPS: 35 0738673 706 01116 GDA'94

Vegetation structure

Median height of the EDL is to be measured

1738
5945/6

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>12</u>	<u>11 - 14</u>	<u>S</u>
T2	<u>10</u>	<u>8 - 11</u>	<u>S</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Ecologically dominant layer:

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>d</u>	<u>Casuarina cristata</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: _____
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: Not Mapped
 Proposed RE code: 11.9.10 (SDE?) ESAV

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 6 Recorder: A. DAVIES Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) _____
 GPS: 35 CD194

Vegetation structure

Median height of the EDL is to be measured

1740
5948/49

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>14</u>	<u>12-16</u>	<u>S</u>
T2	<u>10</u>	<u>8-12</u>	
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>d</u>	<u>Casuarina cristata</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: plain
 Soils: Sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: Remnant 11.9.10

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 7 Recorder: A. Daniels Day/Date: 23/11/2020
 Purpose: SD 22
 Locality: (inc. distance/direction to nearest town) WYNFA
 GPS: 55 90A'94

Vegetation structure

Median height of the EDL is to be measured

1741
5950

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	10	8 - 12	S
T2	6	4 - 8	VS
T3		-	
S1	4	2 - 4	S
S2		-	
G		-	

Structural formation: (including height)

Tall Open Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	d	<i>Eucalyptus populnea</i>
S1	d	<i>Eremophila mitchellii</i>

no cristata or beryl low < 15m width

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: light sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: non-REM 11.9.7

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 8 Recorder: A. DANIEL Day Date: 23/11/2020
 Purpose: SO22
 Locality: (inc. distance/direction to nearest town) WYENA
 GPS: 55 0739245 70811634 CPM174

Vegetation structure

Median height of the EDL is to be measured 5954/5

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>12</u>	<u>11 - 15</u>	<u>S</u>
T2	<u>8</u>	<u>6 - 10</u>	<u>MD</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus melanophloea</u>
<u>T1</u>	<u>a</u>	<u>Eucalyptus tereticornis</u>
<u>T2</u>	<u>d</u>	<u>Callitris glaucophylla</u>
<u>T1</u>	<u>d</u>	<u>Aristida sp.</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy loam
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.3.2 / 11.3.25
 Proposed RE code: 11.5.5

END

Habitat Characters - Abundance

Site No. <u>9</u>	Recorder: <u>A. DANIEL</u>	Day/Date: <u>23/11/2020</u>													
Purpose: <u>S22</u>															
Locality: (inc. distance/direction to nearest town) <u>WYENA</u>															
GPS coordinates: Zone <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">5</td><td style="width: 20px; text-align: center;">S</td></tr></table> E <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">0</td><td style="width: 20px; text-align: center;">0</td><td style="width: 20px; text-align: center;">3</td><td style="width: 20px; text-align: center;">7</td></tr></table> N <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; text-align: center;">7</td><td style="width: 20px; text-align: center;">0</td><td style="width: 20px; text-align: center;">6</td><td style="width: 20px; text-align: center;">1</td><td style="width: 20px; text-align: center;">6</td><td style="width: 20px; text-align: center;">3</td><td style="width: 20px; text-align: center;">4</td></tr></table> Datum: <u>GA 94</u>			5	S	0	0	3	7	7	0	6	1	6	3	4
5	S														
0	0	3	7												
7	0	6	1	6	3	4									

1744
5954/5

Character	Abundance (0-7)	Notes
Hollows in trees & stags	2	Some
Fallen logs (>10cm diam.)	5	Previous logging of fallen timber & logs abundant
Decorticating bark	3	Callitris mainly some of large Melaleuca
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	2	Sandy grass cover is native but sparse
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 10 Recorder: A. DANIEL Day Date: 23/11/2012
 Purpose: S022
 Locality: (inc. distance/direction to nearest town) WYERITA
 GPS: 55 0739543 7081583 90A94

Vegetation structure

Median height of the EDL is to be measured 5958
5959

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		-	
T1	12	11 - 15	S
T2	7	6 - 9	VS
T3		-	
S1	4	3 - 5	VS
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant; a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Angophora leiocarpa</i>
T1	c	<i>Eucalyptus populnea</i>
T1	c	<i>Callitris glaucophylla</i>
T2		As above
S1	d	<i>Acacia cretata</i>
G	D	<i>Arctostaphylos capiti-modesta</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Deep pale sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.5.5/11.5.1
 Proposed RE code: _____

END

Habitat Characters - Abundance

Site No. <u>10</u>	Recorder: <u>A DANIE</u>	Day/Date: <u>23/11/2020</u>
Purpose: <u>522</u>		
Locality: (inc. distance/direction to nearest town) <u>WIENA</u>		
GPS coordinates: Zone 5 5 E 0 7 3 9 5 4 3 N 7 0 6 1 5 8 3 Datum: <u>94</u>		

1747

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	6	
Decorticating bark	2	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	3	
Bare ground	6	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 11 Recorder: A. DANIEL Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WUENIA
 GPS: ES GD44

Vegetation structure

Median height of the EDL is to be measured

1748 5960
5961

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>13</u>	<u>11 - 14</u>	<u>S</u>
T2	<u>6</u>	<u>4 - 7</u>	<u>S</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Tall woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; *d* – dominant; *c* – co-dominant; *s* – subdominant, *a* – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Casahuate glaucophylla</u>
<u>T1</u>	<u>c</u>	<u>Coccoloba sp</u>
<u>T2</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>a</u>	<u>Callitris glaucophylla</u>

evidence of logging

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.5.1 / 11.5.5
 Proposed RE code: 11.5.5

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 12 Recorder: A. Dorrie Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WYANA
 GPS: 33 97'94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>15</u>	<u>12-16</u>	<u>S</u>
T2	<u>10</u>	<u>8-12</u>	<u>S</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>c</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>c</u>	<u>Callitris glaucophylla</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.5.5/11.5.1
 Proposed RE code: 11.5.5

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 13 Recorder: A. DANIEL Day Date: 23/11/2010
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) Bendeme
 GPS: 55 0744014 7063 837 9DA'94

1759

5978/9

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	11	9 - 12	S
T2	7	6 - 9	S
T3		-	
S1	5	3 - 6	VS
S2		-	
G		-	

Structural formation: (including height)

Tall woodland

Ecologically dominant layer:

T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant; a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T1	a	<i>Callitris glaucophylla</i>
T2	d	<i>Callitris glaucophylla</i>
T3	a	<i>Eucalyptus populnea</i>
S1	d	<i>Callitris glaucophylla</i>
G	D	<i>Cenchrus ciliaris</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: deep sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.3.25
 Proposed RE code: 11.3.5.

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 14 Recorder: A. Dunlop Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WYENA
 GPS: 55 0740463 7903747 D 94

1765

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	14	10-13	MP
T2		-	
T3		-	
S1	1.8	1-2	S
S2		-	
G		-	

Structural formation: (including height)

Tall open forest

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
		<i>E. fibrosa subsp. umbellata</i>
E	d	<i>Eucalyptus? virens</i>
T1	d	<i>Acacia Shirleyi</i>
S1	d	<i>Geijera parviflora</i>

Note Bragulew balch on edge (tree wide)

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Stony clay
 Field observation and notes: _____
 Landzone: 7

RE code changes

Existing RE code: 11.5.5/11.5.1
 Proposed RE code: 11.7.2

END

Habitat Characters - Abundance

Site No. <u>19</u>	Recorder: <u>A. DANIEL</u>	Day/Date: <u>23/11/2020</u>
Purpose: <u>SD22</u>		
Locality: (inc. distance/direction to nearest town) <u>WIENIA</u>		
GPS coordinates: Zone 5 5 E 0 7 4 0 4 6 3 N 7 0 6 3 7 4 6 Datum: _____		

1765

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	7	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	4	
Bare ground	7	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	2 3	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 15 Recorder: A DANIEL Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WYENA
 GPS: 55 90A'94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	16	14 - 18	S
T2	12	10 - 14	MD
T3		-	
S1	2	1 - 3	VS
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant; **a** – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus crebra</i>
T2	d	<i>Callitris glaucophylla</i>
S1		<i>Geyeria parviflora</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.5.5 / 11.5.1
 Proposed RE code: 11.5.1

END

Habitat Characters - Abundance

Site No. <u>5</u>	Recorder: <u>A. Daniel</u>	Day/Date: <u>23/11/2020</u>
Purpose: <u>SD22</u>		
Locality: (inc. distance/direction to nearest town) <u>WYENA</u>		
GPS coordinates: Zone 5 5 E 0 7 4 0 2 9 4 N 7 6 6 3 0 6 1 Datum: _____		

766
5993

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	6	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	7	
Bare ground	4	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	3	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 16 Recorder: A DANIEL Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WYEMM
 GPS: 55 908194

Vegetation structure

Median height of the EDL is to be measured

1767
5991

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>12</u>	<u>10 - 14</u>	<u>VS</u>
T2	<u>9</u>	<u>7 - 10</u>	<u>S</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Ecologically dominant layer:

Plant species

Record relative (numerical) dominance for each stratum; *d* – dominant; *c* – co-dominant; *s* – subdominant, *a* – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus nubila</u>
<u>T2</u>	<u>c</u>	<u>Callitris glaucophylla</u>
<u>T2</u>	<u>c</u>	<u>Acacia Shryleyi</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Lithosols
 Field observation and notes: _____
 Landzone: 7

RE code changes

Existing RE code: _____
 Proposed RE code: 11.7.X

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 17 Recorder: A. Daniel Day Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WYENA
 GPS: 55 0740294 7063061 D

Vegetation structure

Median height of the EDL is to be measured

1768
5993/4/5

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	16	14 - 17	VS
T1	12	10 - 14	S
T2	9	7 - 10	VS
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	d	<i>Eucalyptus nupila</i>
T1	d	<i>Casuarina cristata</i>
T2	c	<i>Callitris glaucophylla</i>
T2	c	<i>Casuarina cristata</i>
T2	c	<i>Petalostemum puberulum</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: HVR
 Proposed RE code: 11.4.3

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 16 Recorder: A. DANIEL Day/Date: 24/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) _____
 GPS: 53 6014/516 CPA194

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	14	12 - 16	S
T2	10	8 - 12	VS
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<u>Eucalyptus camaldulensis</u>
T1	a	<u>Angitia</u>
T2	d	<u>Mitabuca bracteata</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: _____
 Field observation and notes: _____

Landzone: 3

RE code changes

Existing RE code: _____
 Proposed RE code: Rem 11-3-25

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 19 Recorder: A DANIEL Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WESTERLY MOSTON
 GPS: 53 07371917 70611423 GDA'94

Vegetation structure

Median height of the EDL is to be measured

1784
6017
6018

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	16	14-18	S
T2		-	
T3		-	
S1		-	
S2		-	
G		-	

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T ₁ d		<i>Eucalyptus tereticornis</i> s
T ₁ a		<i>Angophora floribunda</i> a

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T₁

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: _____
 Field observation and notes: _____

Landzone: 3

RE code changes

Existing RE code: 11-3-2/11-3-25
 Proposed RE code: 11-3-26

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 20 Recorder: A. DANIEL Day/Date: 27/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) MOSTYN
 GPS: 0736813 7061909 GD194

Vegetation structure

Median height of the EDL is to be measured ¹⁷⁹¹ 6028/29

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	9	6 - 18	VS
T2		-	
T3		-	
S1	2	1 - 3	S
S2		-	
G	0.5	0 - 1	MD

Structural formation: (including height)
Open woodland
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	c	<i>Eucalyptus camaldulensis</i> S
T1	c	<i>Acacia salicina</i>
T1	c	<i>Eucalyptus populnea</i> d
S1	d	<i>Acacia farnesiana</i>
G	d	<i>Cenchrus ciliaris</i> S

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: clay dark grey light pale brown
 Field observation and notes: _____
Landzone: 3

RE code changes

Existing RE code: 1132
 Proposed RE code: 106-12.11.1

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 21 Recorder: A DANIEL Day Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) MOSTYN
 GPS: 55 0735644 7062368 GDA 197

1801

Vegetation structure

Median height of the EDL is to be measured 6046/47

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	8	6 - 10	S
T2	4	3 - 6	MD
T3		-	
S1	2	1 - 3	S
S2		-	
G	0.2	0 - 0.3	S

Structural formation: (including height)
Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	d	<i>Eremophila mitchelli</i>
T2	a	<i>Acacia excelsa</i>
S1	d	<i>Geyeria parviflora</i>
G	d	<i>Enteropogon ascutellus</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale orange sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: HVR
 Proposed RE code: functional 11.9.7

END

litter ✓
FWM ✓

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 22 Recorder: A DANIEL Day Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) 1807 MOSMAN
 GPS: S3 0734913 706 2747 90194

Vegetation structure

Median height of the EDL is to be measured 605 154

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	9	7 - 11	S
T2	6	4 - 7	MD
T3		-	
S1	3	2 - 4	S
S2		-	
G		-	

Structural formation: (including height)

Tall woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; *d* – dominant; *c* – co-dominant; *s* – subdominant, *a* – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	d	<i>Casuarina cristata</i>
S1	d	<i>Fremontia mitchellii</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: _____
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: 4VR
 Proposed RE code: 11.9.10 functional

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 23 Recorder: A. Daniel Day Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) MOSTYN
 GPS: 55 07338711 7064346 9DA194

Vegetation structure

Median height of the EDL is to be measured 1812 6061/61

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	14	12 - 16	S
T2	10	8 - 12	S
T3		-	
S1	3	2 - 5	S
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Acacia harpophylla</i>
T1	a	<i>Casuarina cristata</i>
T2	d	<i>Acacia harpophylla</i>
S1	d	<i>Geyeria parviflora</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale orange sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: 11.9.5
 Proposed RE code: 11.9.5

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 24 Recorder: A. DANIEL Day Date: 25/11/2012
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) MOSTYN
 GPS: 55 0734283 7064792 QA94

1814

Vegetation structure

Median height of the EDL is to be measured 6065/6

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	9	7 - 11	S
T2	6	4 - 7	S
T3		-	
S1	3	1 - 4	S
S2	0.6	0.5 - 1	VS
G		-	

Structural formation: (including height)

Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
		<u>Eucalyptus crebra</u>
T1	d	<u>Eucalyptus populnea</u>
T2	dc	<u>Acacia haerophylla</u>
T2	c	<u>Casuarina cristata</u>
S1	d	<u>Casuarina cristata</u>
S1	a	<u>Acacia haerophylla</u>
S2	d	<u>Cassia ovata</u>
G	d	<u>Arctida calycina</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: Not Mapped
 Proposed RE code: Functional 11.9.10

END



A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 25 Recorder: A. DUNNIE Day/Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) MOSTYN
 GPS: 55 0734294 7064903 90A94

Vegetation structure

Median height of the EDL is to be measured 1815 6067/8

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	<u>22</u>	<u>20 - 24</u>	<u>VS</u>
T1		-	
T2		-	
T3		-	
S1	<u>6</u>	<u>5 - 7</u>	<u>MD</u>
S2		-	
G		-	

Structural formation: (including height)

Ecologically dominant layer: S1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>E</u>	<u>d</u>	<u>Eucalyptus crebra</u>
<u>T1</u>		<u>Absent</u>
<u>S1</u>	<u>d</u>	<u>Acacia melvillei (Bacari?)</u>

Geology, landform, soils

Malleeform

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: orange clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: 11.9.5
 Proposed RE code: 11.9.6

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 26 Recorder: A. DANIEL Day/Date: 25/11/2020
 Purpose: SP22
 Locality: (inc. distance/direction to nearest town) MOSTYN
 GPS: 55 0734568 7065514 90194

Vegetation structure

Median height of the EDL is to be measured

1816
6069/70

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	16	14 - 30	S
T2	8	7 - 12	V S
T3		-	
S1	5	4 - 7	MD
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;

d - dominant; c - co-dominant; s - subdominant; a - associated.

Str.	Rel. dom.	Scientific Name
T ₁	c	<i>Eucalyptus crebra</i>
T ₁	c	<i>Eucalyptus populnea</i>
T ₂	d	<i>Eucalyptus populnea</i>
S ₁	c	<i>Everophila mitchellii</i>
S ₁	c	<i>Gehera parvifolia</i>
S ₁	a	<i>Gravilba striata</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: not mapped
 Proposed RE code: 11.9.7

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 27 Recorder: A. DANIEL Day/Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) NOSTYN
 GPS: 55 0735515 7065557 90194

Vegetation structure

Median height of the EDL is to be measured 1818 6071/2

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	12	10 - 14	S
T2	9	8 - 11	VS
T3		-	
S1	4	3 - 6	S
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** - dominant; **c** - co-dominant; **s** - subdominant, **a** - associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T1</u>	<u>a</u>	<u>Eucalyptus crebra</u>
<u>T2</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>S1</u>	<u>d</u>	<u>Callitris glaucophylla</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: Not Mapped
 Proposed RE code: 11.9.7 Functional

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 296 Recorder: A. Daniel Day/Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) ROSTY W
 GPS: 0735424 7065162 QAGY

Vegetation structure

Median height of the EDL is to be measured 1819
603/4

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>14</u>	<u>12 - 16</u>	
T2	<u>10</u>	<u>9 - 12</u>	
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus melanophloea</u>
<u>T1</u>	<u>c</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>d</u>	<u>Eucalyptus usneoides</u>
<u>T2</u>	<u>a</u>	<u>Eremophila unlabelled</u>
<u>T2</u>	<u>a</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>a</u>	<u>Callitris glaucophylla</u>

koala poo

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: 11.9.10
 Proposed RE code: 11.9.7

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 29 Recorder: A. DANIEL Day/Date: 25/11/2020
 Purpose SD22
 Locality: (inc. distance/direction to nearest town) _____
 GPS: QD A 94

Vegetation structure

Median height of the EDL is to be measured

1830 6089/10

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	12	10-14	VS
T2	8	6-10	S
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Tall woodland
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	d	<i>Callitris glaucophylla</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: 11.9.7

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 30 Recorder: A. Daniel Day/Date: 25/11/2020
 Purpose: SP22
 Locality: (inc. distance/direction to nearest town) _____
 GPS:

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9pA194

Vegetation structure

Median height of the EDL is to be measured

1831

6093/4

Plant species

Record relative (numerical) dominance for each stratum;
d – dominant; *c* – co-dominant; *s* – subdominant, *a* – associated.

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	16	14 - 18	S
T2	10	8 - 14	VS
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height) _____

Ecologically dominant layer: _____

Str.	Rel. dom.	Scientific Name
T ₁	d	Eucalyptus nubila
T ₂	d	Callitris glaucophylla

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: hump up
 Soils: _____
 Field observation and notes: _____
 Landzone: 7

RE code changes

Existing RE code: _____
 Proposed RE code: _____

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 31 Recorder: A. Bonick Day/Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) MOSTYN
 GPS: 55 0736163 70 62482 90A194

Vegetation structure

Median height of the EDL is to be measured

1833
6095/6

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	14	12-16	S
T2	10	8-12	VS
T3		-	
S1	4	3-6	S
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum:
 d – dominant; c – co-dominant; s – subdominant; a – associated.

Str.	Rel. dom.	Scientific Name
T ₁	d	<i>Eucalyptus populnea</i>
T ₂	d	<i>Eucalyptus populnea</i>
S ₁		<i>Eremophila mitchellii</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: not mapped > 20m wide
 Proposed RE code: Functional 11.97

END

> FwM
 < Stone/rock
 < litter

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 32 Recorder: A. DANIEL Day Date: 26/11/2020
 Purpose: SDZ
 Locality: (inc. distance/direction to nearest town) WILGAVILLE
 GPS: S 32 0723976 7066306 90° 24'

Vegetation structure

Median height of the EDL is to be measured 1841
6107/8

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		-	
T1	<u>18</u>	<u>16 - 22</u>	<u>S</u>
T2	<u>14</u>	<u>12 - 16</u>	
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Ecologically dominant layer:

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus camaldulensis</u>
<u>T1</u>	<u>a</u>	<u>Eucalyptus melanophloea</u>
<u>T2</u>	<u>d</u>	<u>Eucalyptus viminalis</u>
<u>G</u>	<u>d</u>	<u>Acacia (white)</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 3

RE code changes

Existing RE code: 4VK
 Proposed RE code: 1132

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 33 Recorder: A. DANIEL Day/Date: 26/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WILGAHUE
 GPS: 55 0724455 706 5492 494

Vegetation structure

Median height of the EDL is to be measured 1544 611/2

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	10	9 - 12	VS
T1	7	5 - 9	VS
T2		-	
T3		-	
S1	4	2 - 5	S
S2		-	
G	0.3	0 - 0.5	S

Structural formation: (including height)
Open woodland
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
E	d	<i>Eucalyptus populnea</i>
T1	d	<i>Eucalyptus populnea</i>
S1	d	<i>Eriophora mitchellii</i>
S2		
G	d	<i>Arctostaphylos</i> sp

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: gently undulating
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: non-rem
 Proposed RE code: non-rem non-functional 11-9-7

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 34 Recorder: A. Dinnick Day/Date: 26/11/2020
 Purpose: 5022
 Locality: (inc. distance/direction to nearest town) WILGATIA
 GPS: 54 0724892 76 65096 9DA194

Vegetation structure

Median height of the EDL is to be measured: 1852 6121/2

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	<u>20</u>	<u>10 - 24</u>	<u>VS</u>
T1	<u>8</u>	<u>6 - 10</u>	<u>S</u>
T2		-	
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
<u>E</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T1</u>	<u>d</u>	<u>Acacia excelsa</u>
<u>T1</u>	<u>a</u>	<u>Eucalyptus populnea</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: undulating
 Soils: pale orange sandy clay
 Field observation and notes: _____
 Landzone: 9?

RE code changes

Existing RE code: 4UR
 Proposed RE code: non-rem native forest 1197/1132

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 35 Recorder: A. Daniels Day/Date: 26/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WILSONVALE
 GPS: 35 0723000 7065192 9DA194

Vegetation structure

Median height of the EDL is to be measured

1865
6137/8

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		-	
T1	11	9 - 13	S
T2	7	6 - 9	S
T3		-	
S1	4	3 - 6	S
S2	0.6	0.4 - 0.8	VS
G	0.2	0 - 0.4	VS

Structural formation: (including height)
Tall woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T ₁	d	Eucalyptus populnea
T ₁	a	Casuarina cristata
T ₂	c	Eucalyptus populnea
T ₂	c	Casuarina cristata
S ₁	c	Eriophila mitchellii
S ₁	c	Geyeria daniiiflora
S ₂	c	Marienae villosa
S ₂	c	Carpanolettia
G	d	Aristida sp

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: flat
 Soils: pale sandy clay
 Field observation and notes: _____

Landzone: 9

RE code changes

Existing RE code: HVR
 Proposed RE code: REM 11.9 10

END

- > Hollows
- = Decid
- > FWM
- > coarse litter
- > fine Her
- > native grass

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 3b Recorder: A DANIEL Day/Date: 26/11/2020
 Purpose SD22
 Locality: (inc. distance/direction to nearest town) _____
 GPS: Q1194

Vegetation structure

Median height of the EDL is to be measured

1871

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	12	9 - 15	MD
T2	7	6 - 9	S
T3		-	
S1	4	3 - 6	VS
S2		-	
G		-	

Structural formation: (including height) _____

Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s - subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	Casuarina cristata
T2	d	Casuarina cristata
T3	a	Eucalyptus populnea
S1	d	Eremophila mitchellii

Geology, landform, soils

Geology map/scale/year: _____

Geology code and rock types: _____

Land system: _____

Landform: _____

Soils: _____

Field observation and notes: _____

Landzone: 9

RE code changes

Existing RE code: _____

Proposed RE code: _____

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 37 Recorder: A DANIEL Day/Date: 26/11/2010
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WILSONVILLE
 GPS: 55 0724943 7064284 GD194

1877

Vegetation structure

Median height of the EDL is to be measured

6152/53

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	5	4 - 7	VS
T2	3	2 - 4	S
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Woodland

Ecologically dominant layer: T1

Str.	Rel. dom.	Scientific Name
T1	c	Acacia hapophylla
T1	c	Casuarina cristata
T1	c	Ceyena parviflora
T1	c	Eriophila mitchellii
T2		As Above

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: flat
 Soils: sandy clay - under polished stones mixed origin
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: not mapped
 Proposed RE code: non-forestland 11-9-10

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 38 Recorder: A. DANIEL Day/Date: 27/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) REUBEN DOWNS
 GPS: 55 0731043 70 56939 9DA194

1896

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		-	
T1	8	7 - 10	VS
T2	6	5 - 7	VS
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)
Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	d	<i>Eucalyptus populnea</i>
T2	c	<i>Eucalyptus melanophloea</i>
T2	c	<i>Caletica glaucophylla</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: plain
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: non-rem functional 110907

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 39 Recorder: A. DANIEL Day/Date: 27/11/2020
 Purpose: S22
 Locality: (inc. distance/direction to nearest town) Parsons Downs
 GPS: 95 0729493 7058647 GDA'94

Vegetation structure

Median height of the EDL is to be measured

1916
600/1

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		-	
T1	8	6 - 11	S
T2	5	3 - 6	S
T3		-	
S1	2	1 - 3	VS
S2	0.5	0.2 - 1	VS
G	0.2	0 - 0.3	VS

Structural formation: (including height)
Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	d	<i>Casuarina cristata</i>
S1	d	<i>Eremophila mitchellii</i>
S2		<i>Casuarina cristata</i>
G	d	<i>Arctida SD</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: Plain
 Soils: Pale Clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: not mapped
 Proposed RE code: Functional 11.9.10

END

FWM ✓
 cover ✓
 native grass ✓
 litter ✓

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 40 Recorder: A DANIEL Day/Date: 27/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) Rouben downs / Paddock
 GPS: 55 0726928 7059551 90A194

Vegetation structure

Median height of the EDL is to be measured 1947 623819

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		-	
T1	18	16 - 20	S
T2	12	10 - 14	S
T3		-	
S1	6	4 - 7	VS
S2		-	
G	0.1	0 - 0.03	VS

Structural formation: (including height)
Tall woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	d	<i>Casuarina cristata</i>
S1	d	<i>Eriophila mitchellii</i>
S2		
G	d	<i>Eurocomen asculum</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: plain pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: not mapped
 Proposed RE code: Rainforest lowland 9-10

END

Site 41

A. Daniel

27/11/2020

~~522~~ 522

WPT
1968

Palau Down

55 0729171 7056276 904 '94

GD 94

Med - internal cover

T ₁	12	10 - 14	S
T ₂	9	7 - 10	S
S ₁	5	3 - 7	VS
S ₂	0.4	0.2 - 0.6	VS
G	0.3	0 - 0.4	MD

St	Down	SN
T ₁	d	Eucalyptus moluccana
T ₁	c	Eucalyptus populnea
T ₂	d	Eucalyptus moluccana
S ₁	d	Geyera paniculata
S ₁	e	Acacia Surphei
S ₂	d	Cassia ovata
G	d	Meyu max

Soils

pale brown clay

129

Maped not mapped

Remnant forested 11.9.

Photos 6261 6262

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 42 Recorder: A DANIEL Day/Date: 23/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) WITENA
 GPS: 55 9DA194

Vegetation structure

Median height of the EDL is to be measured

1760 5980/81

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	11.9	12	S
T2	7.6	9	VS
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<u>Eucalyptus populnea</u>
T2		<u>Callitris glaucophylla</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: Sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.5.5/1151
 Proposed RE code: 11.9.5.

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 43 Recorder: A. DANIEL Day/Date: 25/11/2020
 Purpose 2022
 Locality: (inc. distance/direction to nearest town) _____
 GPS: [] [] [] [] [] [] [] [] [] 90A'94

Vegetation structure

Median height of the EDL is to be measured

1836
1600/01

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>14</u>	<u>12 - 16</u>	<u>VS</u>
T2	<u>10</u>	<u>8 - 12</u>	<u>S</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T₁

Plant species

Record relative (numerical) dominance for each stratum;

d – dominant; *c* – co-dominant; *s* – subdominant, *a* – associated.

Str.	Rel. dom.	Scientific Name
<u>T₁</u>	<u>d</u>	<u>Eucalyptus melanophloea</u>
<u>T₂</u>	<u>d</u>	<u>Callitris glaucophylla</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: _____

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 44 Recorder: A. Daniels Day/Date: 27/11/2020
 Purpose: SDZ
 Locality: (inc. distance/direction to nearest town) _____
 GPS: GD194

Vegetation structure

Median height of the EDL is to be measured

1920
6206/7

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>11</u>	<u>9 - 13</u>	<u>S</u>
T2	<u>7</u>	<u>6 - 9</u>	<u>S-MD</u>
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>d</u>	<u>Eucalyptus populnea</u>
<u>T2</u>	<u>d</u>	<u>Callitris glaucophylla</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: pale sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: 119.7 regrowth

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 46 Recorder: A. DAVIEL Day/Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) _____
 GPS: 55 90A'94

Vegetation structure

Median height of the EDL is to be measured

1821
6077/8

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		-	
T1	14	12 - 16	S
T2	8	6 - 12	S
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Tall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant; a - associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T1	a	<i>Eucalyptus crebra</i>
T2	d	<i>Callitris glaucophylla</i>

No *crinitata* or *harpophylla*

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: _____
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: 11.9.7

END



A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 47 Recorder: A. DUNNELL Day/Date: 25/11/2020
 Purpose: SD22
 Locality: (inc. distance/direction to nearest town) _____
 GPS: 55 SPA 194

Vegetation structure

Median height of the EDL is to be measured

1823
6080/81

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	14	12 - 16	VS
T2	7	4 - 9	S
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height)

Fall Woodland

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus melanophloea</i>
T2	d	<i>Callitris glaucophylla</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: plains
 Soils: Sandy clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: 11.9.7 (Non-Functional)

END

Vegetation Structure Site Inspection Sheet - Proforma

Location

Site No. 48 Recorder: A. DANIEL Day/Date: 23/11/2020
 Regional ecosystem: SD22 RE 11.10
 Locality: (inc. distance/direction to nearest town) WYENA

Vegetation structure

Median height of the EDL is to be measured 5965/6
 Cover density is to be estimated

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	12	10 - 14	S
T2	8	6 - 10	S
T3		-	
S1	4	3 - 6	S
S2	0.8	0.5 - 1	VS
G	0.5	0 - 1	VS

Structural formation: (including height)
Tall open woodland

Ecologically dominant layer: T1

Notes:
Abundant FWM litter
native grass under

Functional ESA
Cat B.

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; a - associated; s - suppressed.

5967

Str.	Rel. dom.	Scientific Name
T1	d	<i>Eucalyptus populnea</i>
T2	c	<i>Casuarina cristata</i>
T2	c	<i>Acacia harpophylla</i>
S1	d	<i>Geocum parviflorum</i>
S1	a	<i>Alectryon diversifolius</i>
S2	d	<i>Cassia cristata</i>
G	d	<i>Neotrichone uncinata</i>
G	d	<i>Eriolobos stricta</i>

Notes

11.9.10

Disturbance: logging, previous clearing

Weeds:

Landzone:

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 1 Recorder: DS M.H. Day/Date: 23/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wallumbilla
 GPS: 55 0723426 7059757 D 766

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	15	15-20	
T1	18	15-20	M
T2	15	12-14	S
T3	3	2-5	V
S1			
S2			
G	<1		M

Structural formation: (including height)
~~10~~ 15 = woodland.
 Ecologically dominant layer: T1

Photos
 N 5928
 S 5929
 E 5930
 W 5931
 G 5932

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant; a – associated.

Str.	Rel. dom.	Scientific Name
11	D	<i>C. fibrosa rubra</i>
12	D	<i>Ac. stricta</i>
13	D	<i>Ac. rhodocylon</i>
	0	<i>Petalostigma pubescens</i>
G	D	<i>Ancistrachne uncinulata</i>
	0	<i>Aristida capillaris</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Sand plain
 Landform: Ridge top
 Soils: Dk Brun loam Lots of rock
 Field observation and notes: ridge top with lots of fallen timber, dead large eucalypt, mallee, grass, 11 Brun loam and *A. stricta* Landzone: ~~7~~ 7

RE code changes

Existing RE code: 11.93/11.9.10
 Proposed RE code: 11.7.7

END

11.7.7

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 3 Recorder: DS MA Day/Date: Tue 24/11/20
 Purpose _____
 Locality: (Inc. distance/direction to nearest town) Wollumbilla
 GPS: S55 0723298 70 59689 D 702

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	12	11 - 13	V
T1	8	5 - 9	S
T2	3	3 - 5	S
T3	1	1 - 2	V
S1	1	1 - 2	V
S2			
G	1	01 - 1	D

Structural formation: (including height)
low open woodland.

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
e	c	E. populnea
e	c	E. crebra
e	c	C. cristata
T1	d	C. cristata
T1	c	E. mitchellii
T1	c	A. salicaria
T1	a	B. populnea <u>cupressata</u>
T2	c	A. brachyphylla <u>brachyphylla</u>
T2	c	E. mitchellii
S1	d	E. mitchellii

N 5828
 S 2829
 E 5830
 W 5837
 S 5832
 N 5833
 S 5834
 E 5835
 W 5836
 Soil 5837

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: rocky ramp up country
 Landform: bottom S slope
 Soils: light brown, finer dusty soil, small rocks coverage
 Field observation and notes: grass layer dominated by buffel grasses then 50% cover
 Landzone: 9

RE code changes

Existing RE code: HUR
 Proposed RE code: ~~H03~~ ~~H09~~ HUR (195)

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 4 Recorder: DS MN Day/Date: 24/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Wellumbilla apt
 GPS: 55 0723325 7059622 943

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		10-12	
T1	11	10-12	M
T2	6	4-8	S
T3		-	
S1	1	0-2	V
S2		-	
G		< 1	

Structural formation: (including height)
Woodland to 11m

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant, c – co-dominant, s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	Acacia <u>Acacia shirleyi</u>
T2	a	<u>Quercus veresc?</u>
	a	<u>Acacia herpophyllon</u>
	c	<u>Acacia shirleyi</u>
S1	D	<u>Carissa ovata</u>
G	D	<u>Amistida renosa</u>
	S	<u>Convolvulus ciliaris</u>
	a	<u>Amistida celyana</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Rocky gump up
 Landform: bottom of slope
 Soils: light brown silty clay
 Field observation and notes: small patch of landwood Landzone: 7

RE code changes

Existing RE code: HVK
 Proposed RE code: 11-7-2

END

Stytilon angustatum
Brachyactis sp.
Paper daisy
Dysphania ornata

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 5 Recorder: DS MH Day/Date: 24/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wallumbilla
 GPS: 792 55 0724626 70 59903 DABZ

ADD 94
GDA

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	18	12 - 19	V
T1	9	7 - 10	M
T2	6	4 - 7	V
T3		-	
S1		-	
S2		-	
G		<50cm	S

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 5857
S 5858
E 5859
W 5860
S 5861

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
E	D	<i>E. filiosa rubra</i>
T1	D	<i>Ac. Rhodocylon</i>
T2	D	<i>Acacia cristata</i>
G	D	<i>Cenchrus ciliaris</i> <i>Amorpha canescens</i> <i>Diplazium crinale</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Jump-ups
 Landform: tail of slope
 Soils: Grey clay
 Field observation and notes: Lots of fallen timber
to edge of quarry Landzone: 4

RE code changes

Existing RE code: 11.7.5 / 11.9.10
 Proposed RE code: 11.7.2

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 6 Recorder: OS + MH Day/Date: 24/11/2020
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Wollumbah
 GPS: 784 S530724301 7059755 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	20	18-21	M
T1	17	15-18	M
T2	6	5-7	M
T3		-	
S1	less than	0.5-1	V
S2		-	
G	less than	-	M

Structural formation: (including height)
open forest

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant; a - associated.

Str.	Rel. dom.	Scientific Name
E	d	E. crebra
T1	d	A. Sharlii
T2	d	A. rodexalon
S1	d	parasitic plant (to look up)
g	ss	lemonandra phyllophila
g	ss	Cahuros extata
g	s	Aristida capromedusi
g	s	Chlorus truncata
g	d	Ancistracis uncinata

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: jump ups
 Landform: watercourse, leading away from ridge
 Soils: brown, sandy, loam
 Field observation and notes: mapped as non remnant by sat, very tall iron
banks with ~~the~~ moderate sub canopy within Landzone: 7

RE code changes

Existing RE code: non remnant
 Proposed RE code: 11.7.7

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 7 Recorder: DS MH Day/Date: 24/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wallumbilla B ~~...~~ Birkini
 GPS: W 1485 55 0724461 70 59780 D 16D94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	16	15-18	✓
T1	11	10-12	M
T2	8	7-9	S
T3		-	
S1		-	
S2		-	
G		< 0.3m	V

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum:
 d - dominant; c - co-dominant; s - subdominant; a - associated.

Str.	Rel. dom.	Scientific Name
E	D	E. crebra
	C	E. fibrosa
T1	D	Ac. shirleyi
T2	D	Ac. shirleyi
G		Ac. caput medusae
		Lomandra sp.
		Acrostachne uncinata
		Distichlis capricorni

N 5467
 S 5468
 E 5469
 W 5470
 G 5471

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Sung - ups
 Landform: ridge top
 Soils: Brown silty clay Lot of rock
 Field observation and notes: _____
 Landzone: 7

RE code changes

Existing RE code: 11.7.2 / 11.5.1
 Proposed RE code: 11.7.2

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 4 Recorder: DS MH Day/Date: 24/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Walthumbilla
 GPS: WPT 786 55 0724607 70 59860 D AGD94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	15	14 - 16	S
T1	12	8 - 14	D
T2		-	
T3		-	
S1		-	
S2		-	
G	0.3	-	V

Structural formation: (including height)
open forest

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant, c – co-dominant, s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	c	E fibrosa
E	c	E crebra
T1	d	E Sharkeyi
G	d	lemandra sp.

N-5872
 S-5873
 E-5874
 W-5875
 SW-5876

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: jump up
 Landform: ridge slopes, undulating, rocky interspersed
 Soils: brown, clay loam
 Field observation and notes: rolling hills, on slope from ridge, rocky on slope, not rocky further away in distance, coffee rock Landzone: 7

RE code changes

Existing RE code: 11.7.2 / 11.5.1
 Proposed RE code: 11.7.2

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 9 Recorder: DS MA Day/Date: 24/1/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilga vale
 GPS: wp 789 55 0723923 7063614 DAGD 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>13</u>	<u>10-16</u>	<u>S</u>
T2	<u>6</u>	<u>5-8</u>	<u>S/M</u>
T3		-	
S1	<u>1</u>	<u>1-2</u>	<u>S</u>
S2			
G		<u><0.5</u>	<u>S</u>

Structural formation: (including height)
open woodland to 14m

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>D</u>	<u>E. Poplnea</u>
	<u>a</u>	<u>Cas cr cristata</u>
<u>T2</u>	<u>D</u>	<u>Eremophila mitchellii</u>
	<u>C</u>	<u>Geijera parviflora</u>
<u>S</u>	<u>D</u>	<u>Carissa ovata</u>
	<u>a</u>	<u>Litosporum spinosum</u>
	<u>a</u>	<u>Alstonia constricta</u>

N 5882
 S 5883
 E 5884
 W 5885
 G 5886

G Chloris triticea
Aristida calycina

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Planis
 Landform: flat
 Soils: brown clay silt
 Field observation and notes: very flat
 Landzone: 9?

RE code changes

Existing RE code: _____
 Proposed RE code: Not mapped
11.9.10 ?

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 10 Recorder: DS MN Day/Date: 24/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) mitgaverhe
 GPS: 55 0724649 7062521 D 16D94

797

Vegetation structure

Median height of the EDL is to be measured

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	18	17 - 20	V
T1	10	9 - 12	M
T2	6	3.5 - 7.5	V
T3		-	
S1		-	
S2		-	
G		-	

Str.	Rel. dom.	Scientific Name
E	d	<i>E. papulosa</i>
E	s	<i>C. christata</i>
T1	d	<i>C. christata</i>
T2	d	<i>Geigeria parviflora</i>
T2	c	<i>Scoroparia mitchellii</i>

Structural formation: (including height)

open forest

Ecologically dominant layer:

T1

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: low rolling plains, flat
 Landform: _____
 Soils: pale clay, with pebbles
 Field observation and notes: ground and shrub layer absent, not too much litter
plenty of small stones/pebbles Landzone: 11.9.10

RE code changes

Existing RE code: 11.9.10
 Proposed RE code: _____

END

N 5893
 S 5894
 E 5895
 W 5896
 G 5897

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 12 Recorder: DS MN Day/Date: 24/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilgavale
 GPS: wpt 799 55 07261646 4032891 DAGD94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	14	12-16	S
T2	8	8-10	V
T3	5	4-5	S
S1		-	
S2		-	
G		< 20cm	S

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 5999
 S 5900
 E 5901
 W 5902
 G 5903

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>E. Populus</i>
T2	C	<i>E. Populus</i>
T3	C	<i>Cass. cristata</i>
T2		<i>E. Populus</i>
T3	D	<i>Eriosepala mitchellii</i>
	a	<i>E. Populus</i>
G		<i>Eriosepala acicularis</i> <i>Acrostida Calycina</i> <i>Claris truncata</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Plain
 Landform: flat
 Soils: Light brown silt
 Field observation and notes: _____
 Landzone: _____

RE code changes

Existing RE code: HvR
 Proposed RE code: HvR (11.9.10)

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 13 Recorder: DS mH Day/Date: 24/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) _____
 GPS: 900 SS 072472S 706308E DAG094

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E	#	8-12	
T1	11	8-12	M
T2	4	3-6	S
T3	#	-	
S1	1	0.5-1.5	S
S2		-	
G	less than 0.5m	0.2-0.5	V

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>E. populnea</i>
T2	C	<i>Scenophala mitchellii</i>
T2	C	Wiga
S1	C	<i>D. viscos</i>
S1	C	<i>A. excelsata</i>
S1	C	<i>Melaleuca microphylla</i>
S1	C	<i>Erchinea tomentosa</i>
G	C	<i>Entropogon asiaticus</i>
G	C	<i>Arctostaphylos canescens</i>
G	C	<i>Dianthus carisium</i>
G	C	bulb grass

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: plains
 Landform: flat, some low hills
 Soils: light brown, silty clay
 Field observation and notes: large regrowth area dominated by E. populnea
very little grass cover. Landzone: 9

RE code changes

Existing RE code: none
 Proposed RE code: HAUR (11.9.10)

END

wp 800

Site No. 13	Project	Recorder MA - OS	Date 24/11/20
ZONE	EASTING	NORTHING	LATITUDE
S	0724725	7063083	

Tree	Starts	Stop	Species	Ht	Condition	Age
	2.5	5	Poplar	0		
	33.5	36.5	Poplar	1		
	36.5	39	Poplar	1		
	39	41	Poplar	1		
	42.5	44	"	10		
	45.5	47.5	"	10		
	46.5	49.5	"	1		
	48.5	⁵⁰ 48.5	"	1		
	50	52	"	1		
	54	56	"	1		
	56	60	"	12		
	63	65	"	8		
	70.5	76	"	1		
	92	95	"	8		
	95.5	100	(as) cristata	1		

End
 55 0724640
 7063134

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 14 Recorder: D^s MH Day/Date: 25/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Baandheroo
 GPS: wpt 405 55 0724038 7058866 D AGD94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	11	10 - 12	✓
T1	6	4 - 8	M
T2		-	
T3		-	
S1		-	
S2		-	
G		↳ 30m	

Structural formation: (including height)
open forest / low open forest tall
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
E	D	<i>Ac. harpophylla</i>
T1	D	<i>Ac. harpophylla</i>
	a	<i>Quercus acidula</i>
	a	<i>Baccharis repens</i>
	a	<i>Geijera parvifolia</i>
	a	<i>Geophila mitchellii</i>
G		<i>Atiplex</i> sp?
		<i>Salsola australis</i>
		<i>Ac. harpophylla</i> seedlings

Melaleuca oceanica
Abutilon oxylobum

N 5926
 S 5927
 E 5928
 W 5929
 C 5930
 E 5931
 S 5932

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Jump up
 Landform: Bottom of slope
 Soils: Bram silty loam
 Field observation and notes: Small patch bogaloo regrowth
Lots of canopy resistant Landzone: 9

RE code changes

Existing RE code: Now there
 Proposed RE code: HVR (11.9.5a)

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 15 Recorder: MA + DS Date/Date: 25/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Bikini
 GPS: 818 55 0724750 709 8646 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	9	8 - 11	M
T2	7	5 - 8	S
T3		-	
S1		-	
S2		-	
G		-	M

Structural formation: (including height) open forest
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>A. harpophylla</i>
T2	d	<i>Baccharis rupestris</i>
T2	a	<i>E. populnea</i>
T2	a	<i>A. harpophylla</i>
g	c	<i>Paspalum distans</i>
g	c	buffel grass
g	c	<i>Aristida calycina</i>
g	c	<i>Eragrostis aciculans</i>
g	c	<i>Chloris juncea</i>
g	c	<i>Eragrostis brownii</i>

N 5960
S 5951
E 5962
W 5963
g 5964

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating country on fine grain sedimentary rock
 Landform: bottom of slope, leading out to plain
 Soils: light brown, pale clay
 Field observation and notes: open forest, regrowth, grasses 0.5ha
functional, animal trails throughout Landzone: 7

RE code changes

Existing RE code: _____
 Proposed RE code: HVR (#.11.9.5g)

END

* 817 beginning and end of polygon walk around

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 15A Recorder: DS MH Day/Date: 25/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Bikini
 GPS: 815 55 0729442 7058915 D AGD 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	<u>19</u>	<u>19-20</u>	<u>✓</u>
T1	<u>12</u>	<u>10-13</u>	<u>M</u>
T2		<u>-</u>	
T3		<u>-</u>	
S1	<u>3</u>	<u>2-6</u>	<u>S</u>
S2		<u>-</u>	
G		<u><1</u>	<u>S</u>

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>E</u>	<u>D</u>	<u>E fibrosa Nubila</u>
<u>T1</u>	<u>C</u>	<u>E fibrosa Nubila</u>
<u>T1</u>	<u>C</u>	<u>E crebra</u>
	<u>C</u>	<u>Acrostichum E. exserta</u>
<u>S1</u>	<u>a</u>	<u>Bursera excelsa</u>
<u>S1</u>	<u>a</u>	<u>Heteroloma</u>
<u>S1</u>	<u>D</u>	<u>Calystegia maginata?</u>
	<u>C</u>	<u>Pseudox edoata</u>
<u>G</u>	<u>D</u>	<u>Amistochne uncinulata</u>

N 5954
 S 5955
 E 5956
 W 5957
 G 5958

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Jump-ups
 Landform: Top of ridge
 Soils: Skeletal brown silty clay - lots of cap-roots present
 Field observation and notes: Top of jump up
 Landzone: 7

RE code changes

Existing RE code: 11.9.5/11.9.10
 Proposed RE code: 11.7.7

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 16 Recorder: DS MW Day/Date: 25/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilga vale
 GPS: vpt 820 55 0724698 70 60286 D AGD 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	8	7-9	M
T2	4	4-5	M
T3		-	
S1		-	
S2		-	
G		-	

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	d	<i>P. shegii</i>
T1	a	<i>E. crebra</i>
		<i>E. crebra</i>
T2	c	<i>Callitrus endlicheri</i>
T2		<i>A. aspera</i>
T2	a	<i>Mellelousa necosa</i>
g	c	<i>Capit medusa</i>
g	c	<i>diaphana coronata</i>

N 5966
 S 5967
 E 5968
 W 5969
 g 5970

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: jump up formation
 Landform: top of slope
 Soils: brown red clay.
 Field observation and notes: historical extensive ring barking very recent
indications of thinning / tree harvesting Landzone: 7

RE code changes

Existing RE code: 11.7.2/11.5.1
 Proposed RE code: 11.7.2

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 17 Recorder: DS MN Day/Date: 25/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilgavake
 GPS: wpt 927 55 0725771 70 0334 D 16D94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	<u>15</u>	<u>13-15</u>	<u>V</u>
T1	<u>4.5</u>	<u>3-6</u>	<u>M</u>
T2		-	
T3		-	
S1		-	
S2		-	
G		<u>< 0.2m</u>	<u>✓</u>

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	D	<u>E. caebra (present)</u>
T1		<u>Callitris erioloba</u>
		<u>Callitris erioloba</u>
		<u>Allocasuarina leichmanii</u>
G	A	<u>Carpentaria medusa</u> <u>Fallax</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: rolling downs
 Landform: mid slope
 Soils: Red sandy clay
 Field observation and notes: not compact highly disturbed strip
along track Landzone: 9

RE code changes

Existing RE code: 11.72 / 11.5.1
 Proposed RE code: NR (11.5.1)

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 16 Recorder: DS MA Day/Date: 26/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) W. Gavarale
 GPS: Wpt 833 55 0724225 7060979 DPD 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	10	9-11	
T1	10	9-11	M
T2		-	
T3		-	
S1		-	
S2		-	
G		20.5	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>A. shirleyi</i> <i>e. crebra</i>
G		<i>Lomandra filifolia</i> <i>Paspallidium distans</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Hills
 Landform: Mid slope
 Soils: Brown clay loam Lots of small rock
 Field observation and notes: well developed *A. shirleyi* forest dominates, not much ground cover compared to open wood. Landzone: 7

RE code changes

Existing RE code: 11.7.2 / 11.5.1
 Proposed RE code: 11.7.2

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 19 Recorder: DS MA Day/Date: 26/1/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Wulgavale
 GPS: ~~802~~ 802 55 0725158 7061232 D AGD94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	13	11-14	
T1	13	11-14	M
T2	7	5-8	S
T3		-	
S1	3	2-4	S
S2		-	
G		<0.3	

Structural formation: (including height)

Open forest 13m tall

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant; a - associated.

Str.	Rel. dom.	Scientific Name
T1	D	E. crebra
	C	<i>Callitris glauca</i>
T2	C	<i>Casuarina cristata</i>
	C	<i>Callitris glauca</i>
	A	<i>Eremophila mitchellii</i>
S1	T	<i>Geijera parviflora</i>
		<i>Eremophila mitchellii</i>
G		<i>Acetabularia caput-medusae</i>

n 6007
 S 6008
 E 6007
 W 6000
 G 6011

Dioscorea sp.
Panicum effusum
Aristida calycina
Chrysopygon fallax
Solanum sp.

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Rolling hills
 Landform: TOP of hill
 Soils: Reddish clay
 Field observation and notes: obvious dark strip on Aerial ~30m wide
 Landzone: 7

RE code changes

Existing RE code: Not rem
 Proposed RE code: ~~11.5.1~~ remnant 11.5.1

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 20 Recorder: JS MN Day/Date: 26/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Walgavate
 GPS: WPT 847 55 0724359 70 61664 D AGD 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	20	18-22	
T1	20	18-22	S
T2	12	10-13	S
T3	4	4-5	S
S1		-	
S2		-	
G		20-3	V

Structural formation: (including height)
Woodland to 22m
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant; a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	E. acedra
T1	a	E. Populus
T2	D	Callitris glaucophylla
	a	E. acedra
	a	Argemone leucophaea
	a	Bilcastrum endlicheri
	a	E. Poplar
T3	D	Callitris glaucophylla
G		Chrysopsis fulva
		Aristida capricornensis

N 6017
 S 6018
 E 6019
 W 6020
 G 6021

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: sedimentary plains
 Landform: Top of hill
 Soils: reddish sand
 Field observation and notes: Historically cleared
 Landzone: S

RE code changes

Existing RE code: 11.7.2/11.5.1
 Proposed RE code: 11.5.1

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 21 Recorder: DS MH Day/Date: 26/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilgavale
 GPS: wpt 852 55 0724051 7962038 D N6D94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	19	18-23	S
T2	16	12-18	S
T3	6	5-8	V
S1		-	
S2		-	
G		<2m	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>E. Populnea</i>
		<i>E. crebra</i>
T2		<i>Callitris glaucophylla</i>
		<i>E. crebra</i>
T3		<i>Petalostigma pubescens</i>
		<i>Aristida constricta</i>
		<i>Callitris glaucophylla</i>
G		<i>Aristida calycina</i>
		<i>Aristida caput-medusae</i>

N 6026
 S 6029
 E 6028
 W 6029
 G 6030

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Sedimentary plain
 Landform: flat rolling hills
 Soils: pink sand
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: ~~11.2/11.5.1~~ ~~11.9/10~~ ~~11.5.1~~
 Proposed RE code: 11.1 11.9/10

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 22 Recorder: DS MN Day/Date: 26/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilgarvale
 GPS: 853 55 0723954 70 1785 D 16094

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	13	12 - 15	S
T2	8	7 - 9	M
T3		-	
S1	2	0 - 2	V
S2		-	
G		< 0 - 3	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	<	Corymbia intermedia
	<	Angophora heterocarpa
	<	E. crebra
		E. populnea
		Cashtus glaucophylla
T2	D	Cashtus glaucophylla
	a	Angophora heterocarpa
S1		Cashtus poplar
G		Acridia calycina Chrysopsis pallid Echinopogon nitens?

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Sedimentary plain
 Landform: slope
 Soils: Reddish sandy clay
 Field observation and notes: veg open canopy missing crebra
 Landzone: 3

RE code changes

Existing RE code: 11.7.2 / 11.5.1
 Proposed RE code: 11.5.1 ?

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 23 Recorder: DS MH Day/Date: 26/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilgavale
 GPS: 654 55 0723319 4062638 D AGDT4

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	11	10-13	S
T2	7	5-8	M
T3		-	
S1		-	
S2		-	
G		20-2	S

Structural formation: (including height)
Woodland 11m
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Eucalyptus</i>
	a	<i>Brachylobium papulosa</i>
T2	D	<i>Callitris glaucophylla</i>
	a	<i>Geijera parviflora</i>
	a	<i>Capparis koratensis</i>
G		<i>Digitaria</i>
		<i>Echinopogon nutans</i>
		<i>Plectrathus</i> sp.
		<i>Arctostida calycina</i>

Arctostida caput-medusae

N 60 36
 S 60 37
 E 60 38
 W 60 39
 G 60 40

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: Sump-ups
 Land system: Top of Sump-up
 Landform: _____
 Soils: Pale reddish Sand
 Field observation and notes: Lots of large rock
 Landzone: 4

RE code changes

Existing RE code: 11.7.6
 Proposed RE code: 11.7.6 - Citricodora not present

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 24 Recorder: PK MH Day/Date: 26/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Walgavale
 GPS: 856 55 0523428 7062565 DAGD94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	10	8-10	M
T2	6	5-7	✓
T3		-	
S1	1	1-2	✓
S2		-	
G		<0.3	S

Structural formation: (including height) _____
 Ecologically dominant layer: _____

2 6041
 5 6042
 4 6043
 3 6044
 6 6045

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Ac. harpophylla</i>
	S	<i>E. Populnea</i>
T2		<i>Santalum lanceolatum</i>
		<i>Geigeria parviflora</i>
		<i>Eriopogon acicularis</i>
S1		<i>Santalum lanceolatum</i>
		<i>Geigeria parviflora</i>
T3		<i>Ac. harpophylla</i> (seedling)
G		<i>Eriopogon acicularis</i>

Sporobolus craber
Chloris truncata
Aristida calycina

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Sedimentary plains
 Landform: Foot of slope
 Soils: pale brown clay
 Field observation and notes: _____
 Landzone: _____

RE code changes

Existing RE code: NR
 Proposed RE code: NR - <0.5 ha

END

855 start of Polygon
 857 End of Polygon

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 25 Recorder: MA + DS Day/Date: _____
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Willgarook
 GPS: 995

S	S	5
---	---	---

0	7	2	8	1	0	9
---	---	---	---	---	---	---

7	0
---	---

2	2	6	8
---	---	---	---

 D _____

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>12</u>	<u>9 - 13</u>	<u>M</u>
T2	<u>5</u>	<u>2 - 6</u>	<u>S</u>
T3		-	
S1	<u>3</u>	<u>1 - 4</u>	<u>S</u>
S2		-	
G		-	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>D</u>	<u>A harpophylla</u>
<u>T1</u>	<u>a</u>	<u>E populnea</u>
<u>T1</u>	<u>a</u>	<u>C Crustata</u>
<u>T2</u>	<u>c</u>	<u>C Crustata</u>
<u>T2</u>	<u>c</u>	<u>Callitrus glauca</u>
<u>T2</u>	<u>c</u>	<u>E Mitchellii</u>
<u>S1</u>	<u>c</u>	<u>Wilga</u>
<u>G</u>	<u>c</u>	<u>Chrysanthemum frutescens</u>
<u>G</u>	<u>c</u>	<u>Baccharis</u>
<u>G</u>	<u>c</u>	<u>Entolasia acicularis</u>
<u>G</u>	<u>c</u>	<u>Indlaena tomentosa</u>
<u>G</u>	<u>c</u>	<u>Bugaboa oxycarpa</u>
<u>G</u>	<u>c</u>	<u>Scaevola bursifolia</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: clay/secondary plain
 Landform: flat land
 Soils: light brown dusty fine clay
 Field observation and notes: Bugaboa bush, more open in the center and denser toward edges. Landzone: 9

RE code changes

Existing RE code: Non remnant
 Proposed RE code: 11.9.5a

END

858 = beginning and end of polygon

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 26 Recorder: MA + DS Day/Date: 27/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Walgrovale
 GPS: 860 SS 0723613 7062110 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	10	9-12	M
T1	10	9-12	M
T2	4	2-6	S
T3		-	
S1		-	
S2		-	
G	less structure	-	

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	s	E. Coebra
T1	s	Callitris glauca
T1	d	Acacia shirleyi
T2	c	Acacia shirleyi
T2	c	Callitris glauca
G		Acacia carinata
G		Acacia capillanervis

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: rocky ramp up
 Landform: sloping, near top of slope
 Soils: hill sandy soil
 Field observation and notes: rocky, not much under story - relatively new
base of dominant Acacia shirleyi running between lower edge of ridge - Landzone: 7
and top upper level of mixed woodland

RE code changes

Existing RE code: 11.7.2 / 11.5.1
 Proposed RE code: 11.7.2

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 27 Recorder: DS MK Day/Date: 27/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilgavale
 GPS: 865 55 0723018 7065951 D AGD94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	13	12-15	
T1	13	12-15	S
T2	9	8-11	M
T3		-	
S1	1	1-15	V
S2		-	
G		20-2	D

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant; a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>E. crebra</i>
T2	D	<i>Callitris glaucophylla</i>
S1	D	<i>Casuarina ovata</i>
G		<i>Eragrostis ciliaris</i> <i>Arctostida ramosa</i> <i>Gutierrezia sp</i> <i>Arctostida caput-medusae</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Rolling hills
 Landform: Slope
 Soils: Pale sand
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11-76
 Proposed RE code: 11-7.6 - Citrodora not present

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 28 Recorder: MH:DS Day/Date: 27/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Wilgrove
 GPS: 867 SS 0724074 7061452 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	19	18-22	V
T1	10	9-13	M
T2	4	4-6	S
T3		-	
S1		-	
S2		-	
G	less vegetation	-	

Structural formation: (including height) open forest.
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
E	d	<i>Cecropia</i>
T1	d	<i>Harporhyla</i>
T1	a	<i>Eupopulnea</i>
T2	d	<i>...</i>
T2	d	<i>...</i>
T2	a	<i>Psychotria odorata</i>
G		<i>...</i>
G		<i>...</i>
G		<i>Sporobolus celsus</i>
G		<i>Enteropogon ascularis</i>
G		<i>Carissa ovata</i>

N 6067
 S 6068
 E 6069
 W 6070
 G 6071

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating country
 Landform: bottom of slope between two ridges
 Soils: close to drainage line. → brown clay
 Field observation and notes: heavily brigalow dominated, as well as ^{sophy's} ... Landzone: 9

RE code changes

Existing RE code: 11.7.2/11.5.1
 Proposed RE code: 11.9.5a

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 201 Recorder: DS MH Day/Date: 30/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Reuben Downs
 GPS: 874 55 0726576 7057496 D ACD 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	9	7-10	S
T2		-	
T3		-	
S1	2	1.4	✓
S2		-	
G		< 0.3	M

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6090
 S 6091
 E 6092
 W 6093
 G 6094

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Ac. Shirleyi</i> <i>E. crebra</i>
S1	D	<i>Ac. Shirleyi</i> seedlings
G	D	<i>Acrostichum capillare</i> <i>Acrostichum uncinatum</i> <i>Conoclinium sp</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Rocky Jungles
 Landform: Top of Jungles
 Soils: light brown silty clay lots of pebbles
 Field observation and notes: _____
 Landzone: 7

RE code changes

Existing RE code: 11.7-2/11.51
 Proposed RE code: 11.7-2

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location 2067

Site No. 2067 Recorder: DS MH Day/Date: 30/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) River Downs
 GPS: 884 SS 0726421 70 56672 D GDA94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	15	14 - 16	S
T1	7	6 - 10	M/S
T2	4	2 - 5	V
T3	1	0.5 - 1.5	
S1	1	0.5 - 1.5	V
S2		-	
G	less than 40cm	-	D/M

Structural formation: (including height)
open forest

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
E	D	<i>E. populnea</i>
T1	c	<i>E. populnea</i>
T1	c	<i>A. harpophylla</i>
T1		<i>A. stricta</i>
T1	c	<i>Vilga</i>
T1	c	<i>Atalaya hemiglauca</i>
T1	c	<i>Mitchellii</i>
T2	D	<i>Mitchellii</i>
T2	S	<i>Vilga</i>
T2	S	<i>A. harpophylla</i>

Geology, landform, soils

Geology map/scale/year: _____

Geology code and rock types: _____

Land system: undulating hills/downs

Landform: bottom of slope

Soils: light brown clay

Field observation and notes: open woodland, diverse forest

Landzone: 3

RE code changes

Existing RE code: none

Proposed RE code: ~~H32~~ 11.9.10

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 214 Recorder: MA + OS Day/Date: 30/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Robin Downs
 GPS: 992 SS 0727739 7057299 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	15	12 - 17	S
T1	15	12 - 17	S
T2	10	8 - 10	S
T3	2	1 - 4	V
S1	2	1 - 4	V
S2		-	
G	less than 30cm	-	M

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Cabra</i>
T1	D	<i>Excelsa</i>
T1	S	<i>Shadyii</i>
T1	S	<i>crispata</i>
T2	C	<i>crispata</i>
T2	C	<i>shadyii</i>
S1	d	<i>shadyii</i>
G	c	<i>Aristida appimadusi</i>
G	c	<i>Aristida calysing</i>
G	S	<i>anaculata</i>

G C buffel grass

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating hills
 Landform: hills, running off ramp up country
 Soils: reddish, silty clay
 Field observation and notes: lots of tall open forest, much less understorey
 Landzone: _____

RE code changes

Existing RE code: 11.5.1 / 11.5.5
 Proposed RE code: 11.5.1 / 11.7.2

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 223 Recorder: MH + DS Day/Date: 1/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) The paddock
 GPS: Wpt 901 SS 0728260 7059936 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	#	8-12	M
T1	11	8-12	N
T2	6	4-8	S
T3		-	
S1	0.5	0.5-1	V
S2		-	
G	0.3	-	

Structural formation: (including height) _____
 Ecologically dominant layer: T1

N 6126
 S 6127
 E 6128
 W 6129
 G 6130

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	Cristata
T2	D	Cristata
T2	S	E. papulnea
S1	C	vilga
S1	C	Cristata
G	C	bellii
G	C	panicum effusum
G	C	digitaria sp
G	C	entolopogon asculab
G	C	salsola australis

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: plains undulating
 Landform: water course, #
 Soils: very light brown, clay silty
 Field observation and notes: drainage course, trees growing along sloping sides
grasses than 0.5 ha Landzone: _____

RE code changes

Existing RE code: none not remnant.
 Proposed RE code: 11.3.1??

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 231 Recorder: MH + OS Day/Date: 1/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Beside
 GPS: 5 0 7 2 6 4 6 2 7 0 6 1 1 3 4 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	10-9 11		
T1	10	9-11	M
T2		-	
T3		-	
S1		2-4	M
S2		-	
G		-	

Structural formation: (including height)
 Ecologically dominant layer:

N 6140
 E 6141
 W 6142
 G 6143

909

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	D	A. laspophylla
T1	a	C. populnea
T1	s	C. cnstata
S1	d	W. lga

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating hills
 Landform: on slope, not at bottom
 Soils: light brown/grey silty clay
 Field observation and notes: lots of brigalow greater than 5ha (estimate) many from neighbor property
 Landzone: 9

RE code changes

Existing RE code: 11.72/11.5.1
 Proposed RE code: 11.9.5a

END

possible broadleaved site - remnant.

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 270 Recorder: M.A. + D.S. Day/Date: 3/12/20
 Purpose Sentos
 Locality: (inc. distance/direction to nearest town) 0726 Burnside
 GPS: 943 SS ~~0726~~ 323 2061124 D

0726312 7061105

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	18	16 - 18	V
T1	9	8 - 10	M
T2	4	3 - 6	S
T3		-	
S1	0.5	-	
S2		-	
G	less than 20cm	-	V

Structural formation: (including height)

Ecologically dominant layer: T1

N 6209
S 6210
E 6211
W 6212
G 6213

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	d	G populnea
T1	d	A harpophylla
T2	c	C cristata
T2	c	Vilga
T2	c	A harpophylla
T2	a	E mitchellii
S1	sa	C cristata
S1	a	tuber flower shrub
G	a	caprit madusi

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulated slopes
 Landform: on slope
 Soils: light brown fine silty
 Field observation and notes: large boggy forest, very little understorey, loose soil with many small stones less than 5cm Landzone: 9

RE code changes

Existing RE code: 11.7.2 / 11.5.1
 Proposed RE code: 11.9.5a

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 313 Recorder: MA + OS Day/Date: 4/12/20

Purpose:

Locality: (inc. distance/direction to nearest town) Burkside

GPS: Wpt 983 SS 0726997 7064096 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		15 -	
T1	18	15 - 19	S
T2	12	10 - 14	S
T3		-	
S1		-	
S2		-	
G	less than 20	less than 10	

Structural formation: (including height)

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	c	E. conalduensis
T1	c	E. papularis
T2	d	E. papularis
T2	a	C. cristata
T2	a	W. laci
T2	a	R. cupreus
T2	a	B. papularia
G	s	Solanum sp.
G	d	M. koplex spp.
G	d	Galathea sp. little ball thing
G	s	grandifolium aristigatum
G	a	leptoclea digitata
G	a	setrolyra dicarnus
G	a	Xanthium spinosum
G	a	Sesuvium vulgum
G	a	Argemone ochroleuca
G	a	Cassipourea dioecyna

Geology, landform, soils

Geology map/scale/year:

Geology code and rock types:

Land system: quaternary alluvial systems

Landform: dried depression / wetland

Soils: light brown silty alluvial clay/fine.

Field observation and notes: lots of wetland / moist area weeds, lot area is depression leading to creeks. Ephemeral wetland/overflow area

Landzone:

RE code changes

Existing RE code: 11.3.2

Proposed RE code: 11.3.25

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 309 Recorder: MT + DS Day/Date: 3/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Burnside
 GPS: wpt978 SS 0727324 7062846 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	15	12-15	M
T1	14	10-13	M/S
T2	4	3-6	S
T3		-	
S1	0.75	0.5-1m	V
S2		-	
G		-	

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>E. populnea</i>
T2	C	<i>E. cristata</i>
T2	C	<i>E. mitchellii</i>
T2	C	<i>Wilga</i>
S1	C	<i>E. mitchellii</i>
T2	A	<i>Citrus glauca</i>
S1	A	<i>Citrus glauca</i>
S1	C	<i>Leptocarpus</i>
S1	C	<i>Adiantum</i>
S1		<i>Wetland Wilga</i>

g *aristata calicena*

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: alluvial flats
 Landform: flat close to creek
 Soils: light brown silty clay
 Field observation and notes: very flat land running along side of creek
 Landzone: 3

RE code changes

Existing RE code: 11.3.2
 Proposed RE code: 11.3.2

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 299 Recorder: DS MN Day/Date: 3/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Burnside
 GPS: wpt 968 55 0728928 7064151 D A6794

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	20	18-21	M
T1	20	18-21	M
T2	15	12-15	S
T3		-	
S1	5	3-6	
S2		-	
G		-	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6239
 W 6240
 E 6241
 S 6242
 G 6243

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	E. populnea
	a	E. camaldulensis
T2	c	E. populnea
	c	E. melanophloea
	c	E. camaldulensis
S1	D	G. pumila C. glauca A. excelsa
G		C. charis

Chrysopsis fallax
 M. microphylla
 Sclerolaena bickii

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Alluvial
 Landform: watercourse - overflow area
 Soils: Brown sand
 Field observation and notes: Dominated by kelp
 Landzone: 3

RE code changes

Existing RE code: 11.3.2
 Proposed RE code: 11.3.2

END

overflow area 966-967 in a circle

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. M1 Recorder: M1 Day/Date: 1/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) The paddock
 GPS: 26 55434 14928726 DWGS84

555 07 288 51 706 0873

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	<u>16</u>	<u>13-18</u>	<u>M</u>
T1	<u>16</u>	<u>13-18</u>	<u>M</u>
T2	<u>4</u>	<u>4-6</u>	<u>V</u>
T3	<u>less than 2m</u>	<u>-</u>	<u>D</u>
S1		<u>-</u>	
S2		<u>-</u>	
G		<u>-</u>	

Structural formation: (including height)

Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant; a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>D</u>	<u>E. Camaldulensis</u>
<u>T1</u>	<u>S</u>	<u>E. Populus</u>
<u>T2</u>	<u>r</u>	<u>Willow</u>
<u>T2</u>	<u>S</u>	<u>Nelapora broadbentii??</u>
<u>T2</u>	<u>S</u>	<u>Populus</u>
<u>G</u>	<u>D</u>	<u>buffel</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: water course way
 Landform: creek edge
 Soils: very hard brown/clay
 Field observation and notes: No tall red gum and sub dominant populus beds & willow trees
 Landzone: 3

RE code changes

Existing RE code: 11.32.5
 Proposed RE code: 11.7.25

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 405 Recorder: DS MH Day/Date: 15/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Wyalba
 GPS: Wpt 996 55 0730484 70 59776 D 16090

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>4</u>	<u>5-8</u>	<u>M</u>
T2	<u>3</u>	<u>3-4</u>	<u>M</u>
T3		-	
S1	<u>1</u>	<u>0.5-2</u>	<u>S</u>
S2		-	
G		<u>20-2</u>	<u>S</u>

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6286
 S 6286
 E 6286
 W 6286
 G 6286

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant; a - associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>		<u>E. crabra</u>
		<u>Ces. cristata</u>
		<u>Callitris glaucophylla</u>
<u>T2</u>		<u>Callitris glaucophylla</u>
		<u>Gyneria perfoliata</u>
		<u>Phymatopteris mitchellii</u>
<u>S1</u>		<u>Callitris glaucophylla (seedling)</u>
		<u>Phymatopteris mitchellii</u>
		<u>Citrus glauca</u>
<u>G</u>		<u>Antopogon nutans</u>

Ant. de. calycin
Ant. de. molle

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Rocky jump ups
 Landform: Top of ridge
 Soils: Brown silty sand
 Field observation and notes: Wyalba NVR
 Landzone: 7

RE code changes

Existing RE code: NVR
 Proposed RE code: NVR 11.7.7?

END

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 408 Recorder: DS MN Day/Date: 15/12/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) _____
 GPS: wpt 1000 55 0430369 7060007 DAGD94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	5	4-6	S
T2		-	
T3		-	
S1		-	
S2		-	
G		20-4	✓

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6293
 S 6294
 E 6295
 W 6296
 G 6297

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1		<i>Callitris glaucophylla</i> <i>Eucalyptus exserta</i> <i>Ac. shirleyi</i> <i>Euc. populnea</i>
G		<i>Allocasuarina uncinata</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Rocky jump-up
 Landform: top of hill
 Soils: Gravel
 Field observation and notes: Low regrowth - open - mixed sp
 Landzone: 7

RE code changes

Existing RE code: NR
 Proposed RE code: My be IWR

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 409 Recorder: D M H Day/Date: 15/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) _____
 GPS: wpt 1001 55 0730633 7060325 D 167 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	4	3-5	S
T1	4	3-5	S
T2		-	
T3		-	
S1		-	
S2		-	
G		20's	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6298
 S 6299
 E 6300
 W 6301
 G 6302

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
1		<i>A. gracilis</i>
		<i>A. sp.</i>
		<i>Alsternia constricta</i>
		<i>C. calbra</i>
6		<i>Chrysophyga fulva</i>
		<i>Chelidonium</i> serbell
		<i>Chelidonium alba</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: _____
 Landform: _____
 Soils: orange-brown silty clay
 Field observation and notes: R. f. indeterminate
 Landzone: _____

RE code changes

Existing RE code: Low regrowth woodland
 Proposed RE code: _____

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 411 Recorder: MH + DS Day/Date: 15/12/2020

Purpose:

Locality: (inc. distance/direction to nearest town) Myalla

GPS: WPT1003 55 0 07 3 2 2 8 7 7 6 1 1 3 8 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	10	8 - 12	M
T2	6	5 - 8	M
T3		-	
S1	1.5	1 - 3	S
S2		-	
G	less than 0.5	-	V

Structural formation: (including height)
T1

Ecologically dominant layer:

N 6305
S 6306
E 6307
W 6308
G 6309

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	E. populnea
T1	S	C. cristata
T2	D	C. cristata
T2	a	A. lumenii
T2	S	E. populnea
S1	D	C. cristata
S1	S	U. lga
G	d	capet medusi

Geology, landform, soils

Geology map/scale/year:

Geology code and rock types:

Land system: = undulating hills

Landform: on the slope

Soils: light brown, sandy

Field observation and notes: pls of poplar, no bracken, with a large significant understory of C. cristata

Landzone: 19910

RE code changes

Existing RE code: 11.9.10 / 11.9.5

Proposed RE code: 11.9.10

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 419 Recorder: DJ MTA Day/Date: 15/12/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Myalla
 GPS: wpt 1014 55 0732993 060302 D 60194

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E	12	12-13	V
T1	3	2-3.5	D
T2		-	
T3		-	
S1		-	
S2		-	
G		20.4	S

Structural formation: (including height) _____
 Ecologically dominant layer: T1

N 6331
 S 6332
 E 6333
 W 6334
 G 6335
 plant 6336

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	D	<i>Cyperus</i>
T1	D	<i>Melaleuca ternanisana</i>
G		<i>Paspalum distans</i> <i>setaceum</i> sp. <i>Euphorbia</i> sp.

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating hills
 Landform: top of hill
 Soils: Reddish brown clay-loam
 Field observation and notes: Cyperus's senescing
 Landzone: 5

RE code changes

Existing RE code: 11.5.5
 Proposed RE code: 11.5.10

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 420 Recorder: DK MH Day/Date: 15/12/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Myallan
 GPS: WPT 1015 55 0732888 7059879 D 6DA94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	20	18-20	V
T1	12	10-13	M
T2	6	5-7	S
T3		-	
S1		<5	
S2		-	
G		<0.2	

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	D	<i>C. crebra</i>
T1	D	<i>C. crebra</i>
T2		<i>Ac. leucocarpa</i>
		<i>Callitris glaucopulva</i>
		<i>Emmophila nitelesii</i>
		<i>Allocasuarina leuhmannii</i>
G		<i>Cyperus exaltata?</i>
		<i>Aristida capill-melusae</i>
		<i>Cynopogon furcatus</i>
		<i>Eragrostis collina</i>
		<i>Lomandra sp.</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating hills
 Landform: hill top
 Soils: reddish sandy clay
 Field observation and notes: _____
 Landzone: 5

RE code changes

Existing RE code: 11.5.5
 Proposed RE code: 11.5.1

END

6338N
 6339S
 6339E
 6340W
 6341G

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 923 Recorder: DS MH Day/Date: 15/12/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Myalla
 GPS: 1017 55 0732786 7089380 DGDA 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E	20	19-20	✓
T1	30	6-8	✓
T2	5	4-6	①
T3		-	
S1		-	
S2		-	
G		6-4	

Structural formation: (including height)
 Ecologically dominant layer: T2

Plant species

Record relative (numerical) dominance for each stratum; **d** - dominant; **c** - co-dominant; **s** - subdominant; **a** - associated.

Str.	Rel. dom.	Scientific Name
E	d	E. crebra
T1		E. exserta
T2		A. burranii ?
G		Eragrostis collina Aristida adscendens

N 6343
 S 6344
 E 6345
 W 6346
 G 6347

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Undulating hills
 Landform: Slope
 Soils: _____
 Field observation and notes: Brownish clay
 Landzone: 7?

RE code changes

Existing RE code: 11-7-2 NVR
 Proposed RE code: 11-7-2 NVR young regrowth ?

END

no rocks here but very rocky adjacent
 no shrubbery here but lots adjacent
 large eagle nest close

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 430 Recorder: DS MA Day/Date: 15/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Myalla
 GPS: 55 0731384 7060574 D 67A 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D.M.S.V)
E		8 -	
T1	10	8 - 14	S
T2	6	5 - 7	S
T3		-	
S1	1	1 - 2	V
S2		-	
G		< 0.5	S

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6354
 S 6355
 E 6356
 W 6357
 G 6358
 Bigelow 6359

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	c	E. chlorostachya
		E. populnea
T2		K. heptophylla
		Acacia decora
S1		Geigeria parviflora
		Samolita sp.
		Samolita mitchellii
G		Aristida calycina
		Microstachne uncinata

Chloris furcata

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating hills
 Landform: slope
 Soils: red clay-loam
 Field observation and notes: mapped as rennet 11.5.5 but is regrowth with bigelow
 Landzone: 5

RE code changes

Existing RE code: 11.5.5
 Proposed RE code: NVR

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 435 Recorder: DS MK Day/Date: 16/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Angry jungle
 GPS: 1077 S5 0728163 7085040 D GDA94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	<u>16</u>	<u>13-16</u>	<u>✓</u>
T1	<u>70</u>	<u>5-10</u>	<u>M</u>
T2		<u>-</u>	
T3		<u>-</u>	
S1	<u>2</u>	<u>1-2</u>	<u>✓</u>
S2		<u>-</u>	
G		<u>< 0.7</u>	<u>D</u>

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>E</u>		<u>Casuarina cristata</u>
<u>T1</u>		<u>Acacia heaphylla</u>
		<u>Santalum lanceolatum</u>
		<u>Erioseptum mitchellii</u>
<u>S1</u>		<u>Gesneria parviflora</u>
		<u>Malaya hemiglossa</u>
<u>G</u>	<u>D</u>	<u>Cenchrus ciliatus</u>

G Panicum effusum
G Zygodium?

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Down
 Landform: flat
 Soils: Dk Brown loamy clay
 Field observation and notes: 220m on south side of road
~ 15m on north side of road Landzone: 9

RE code changes

Existing RE code: Not mapped
 Proposed RE code: 11.9.5

END

Vegetation Structure Site Inspection Sheet - Proforma

Location

Site No. 489 Recorder: _____ Day/Date: 16/12/20
 Regional ecosystem: 119.10 (not mapped)
 Locality: (inc. distance/direction to nearest town) Angry jungle

Vegetation structure

Median height of the EDL is to be measured
 Cover density is to be estimated

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	16	14-20	8
T1	10	8-14	5
T2		-	
T3		-	
S1	1.5	1-2	V
S2		-	
G		-	

Structural formation: (including height)

Ecologically dominant layer: T1

Notes:
ground cover dominated by buffel, up to 90% of ground cover.
Near mapped habitat, contains tall poplars and brigalow.

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; a - associated; s - suppressed.

Str.	Rel. dom.	Scientific Name
E	c	brigalow
E	c	E. populnea
T1	c	brigalow
T1	c	E. populnea
T1	c	A. stricta
T1	c	calitrus
E	a	E. melanophloia
S1	c	Caparis lanathifolia/canescent??
S1	c	nature citrus
S1	c	brigalow
S1	c	bulga
S1	a	Ectocarpus diversifolia
g	d	buffel grass
g	s	Acrostichum uncinulata
g	s	Chloris truncata
g	s	Castoridium distans
g	s	Acrostichum verticillata

Notes

Disturbance: heavily grazed

Weeds: buffel dominated

Landzone: 9

N 6391
 S 6392
 E 6393
 W 6394
 G 6395

1049 1050

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 452 Recorder: MH + DS Day/Date: 16/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Angry Jungle
 GPS: SS 0732777 7064625 D

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	11	10 - 14	V
T1	5	4 - 8	S
T2		-	
T3		-	
S1	1	0.5 - 1.5	V
S2		-	
G	less than 0.5	-	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6399
 S 6400
 E 6401
 W 6402
 G 6403

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	d	brigalow
E	s	C. cristata
T1	d	brigalow
T1	a	Owenia aspidula
T1	s	C. cristata
S1	d	brigalow
G	d	buffel

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating hills
 Landform: downs
 Soils: brown clay soil
 Field observation and notes: road thru about 1km wide, brigalow forest running along fence line, lots of buffel Landzone: 9

RE code changes

Existing RE code: none
 Proposed RE code: 11-9-5a

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 455 Recorder: MH, OS Day/Date: 16/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Angry jungle
 GPS:

S	S
---	---

0	2	3	3	7	6	6
---	---	---	---	---	---	---

7	0	6	3	6	1	4
---	---	---	---	---	---	---

D

Vegetation structure

Median height of the EDL is to be measured

N 6408
S 6409
E 6410
W 6411
G 6412

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	121	14 - 16	V
T1	9	8 - 10	S
T2	4	3 - 5	S
T3		-	
S1	1.5	1 - 2	V
S2		-	
G		-	


Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
E	D	<i>E. populnea</i>
T1		<i>B. brigalow</i>
T1		<i>C. cristata</i>
T1		<i>E. populnea</i>
T2		<i>E. melaleuca</i>
T2		<i>W. vilga</i>
S1		<i>W. vilga</i>
S1		<i>Acacia citrina</i>
G		<i>B. buffel</i>
G		<i>Lygodium sp.</i>
G		<i>C. truncata</i>
G		<i>S. bicornis??</i>
S1		<i>C. conescens</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: undulating downs
 Landform: flat
 Soils: light brown clay
 Field observation and notes: regrowth site, brigalow dominating 
 Landzone: 9

RE code changes

Existing RE code: HVR
 Proposed RE code: HVR 11.9.5

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 656 Recorder: DS MN Day/Date: 16/12/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Angra jungle
 GPS: 1039 55 0738269 7083233 D GDA 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	8	7 - 10	S
T2		-	
T3		-	
S1	3	1 - 3	S
S2		-	
G		< 0.3	

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1		<i>Acacia pendula</i>
S1		<i>Casipouita</i> sp. <i>Casipouita parviflora</i>
G		<i>Conarus ciliaris</i> <i>Sclerobena baccini</i> <i>Mulcistrum americanum</i> <i>Abutilon caryocarpum</i> <i>Clitoria truncata</i> <i>Phytolacca</i> sp.

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Downs
 Landform: intercourse
 Soils: Bran clay
 Field observation and notes: Dominated by Myrt (Acacia pendula) but significant canopy death Landzone: _____

RE code changes

Existing RE code: _____ NVR
 Proposed RE code: _____ NVR

END

Vegetation Structure Site Inspection Sheet - Proforma

Location

Site No. 457 Recorder: MH DS Day/Date: 16/12/20
 Regional ecosystem: _____
 Locality: (inc. distance/direction to nearest town) Angary jungle

Vegetation structure

1060 1061

Median height of the EDL is to be measured
 Cover density is to be estimated

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	9	8 - 11	M
T2	4	3 - 5	S
T3		-	
S1	1	1 - 2	VS
S2		-	
G	^{less} bush	-	M

Structural formation: (including height)

Ecologically dominant layer: T1

Notes:

C. cristata dominated with
lots of brigalow coming through
bush growing throughout
possible HVR

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; a - associated; s - suppressed.

Str.	Rel. dom.	Scientific Name
T1	c	<u>C. cristata</u>
T1	c	<u>brigalow</u>
T1	a	<u>myall</u>
T1	a	<u>poplar</u>
T2	c	<u>mitdelii</u>
T2	a	<u>wilga</u>
S1	a	<u>rossinum didimum</u>
S1	a	<u>native citrus</u>
T2	c	<u>brigalow</u>
G		<u>bush</u>
G		<u>chbrw truncata</u>
G		<u>intrapogon asciuloris</u>

N 6418
 S 6419
 E 6420
 W 6421
 G 6422

Notes

Disturbance: _____
 Weeds: _____
 Landzone: _____

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 460 Recorder: DS. M16 Day/Date: 17/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) at Army Jungle
 GPS: wp 1064 55 0730067 7065566 DGDA94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	11	10-13	M
T2		-	
T3		-	
S1	3	3-4	✓
S2		-	
G		<0.6	D

Structural formation: (including height) _____
 Ecologically dominant layer: T1

N 6429
 S 6430
 E 6431
 W 6432
 G 6433

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Acacia harpophylla</i>
	a	<i>Casuarina cristata</i>
S1	D	<i>Geosca parviflora</i>
G	D	<i>Cenchrus ciliaris</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Roly downs
 Landform: slope
 Soils: Brown clay
 Field observation and notes: shrub layer thin
Ground 100% buffel Landzone: 9

RE code changes

Existing RE code: 11.9.5/11.9.10
 Proposed RE code: 11.9.5a

END

Vegetation Structure Site Inspection Sheet - Proforma

Location

Site No. 461 Recorder: DS MH Day/Date: 17/12/20
 Regional ecosystem: _____
 Locality: (inc. distance/direction to nearest town) Agalla Angly jungle

Vegetation structure

Median height of the EDL is to be measured
 Cover density is to be estimated

1065
1066

Stratum	Median height	Height Interval	Est. cover density (D,M,S,V)
E		-	
T1	6	5-8	S
T2		-	
T3		-	
S1	3	3-5	V
S2	1	0.5-1	V
G		<0.2	D

Structural formation: (including height)

Ecologically dominant layer:

Notes:

11.9.5a
 advanced regrowth
 veg open

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; a - associated; s - suppressed.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Acacia harpophylla</i> <i>Rachytia rupestris</i>
S1	D	<i>Cerisea pumila</i> <i>Conophila mittlellii</i> <i>Citrus glauca</i> <i>Stalga hemisphaerica</i>
S2		<i>Cerisea ovata</i> <i>Citrus glauca</i> <i>Alectryon diversifolius</i>
G	D	<i>Chloris alaris</i> <i>Chloris truncata</i> <i>Jasminum dichyminis</i> <i>Melastrom americanum</i>

Notes

Disturbance: _____

Weeds: _____

Ground 100% buffer

Landzone: 9

N 6434
 S 6435
 E 6436
 W 6437
 G 6438

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 462 Recorder: DS MH Day/Date: 17/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Angry jungle
 GPS: wpt 1062 55 0730654 7064851 D GDA 96

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		13-15	
T1	14	13-15	✓
T2	10	8-11	S
T3		-	
S1	4	3-5	S
S2	1	0.5-1.5	✓
G		<0.1	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; **d** - dominant; **c** - co-dominant; **s** - subdominant, **a** - associated.

Str.	Rel. dom.	Scientific Name
T1		Casuarina cristata
	D	Acacia harpophylla
T2	D	Acacia harpophylla
		Casuarina cristata
		Other tree (etc)
		Brodiaea sp.
S1	D	Geigeria parviflora
S2	D	Abutilon diversifolius
		Cyperus lasiocarpus

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: G D Cenozoic calcareous
 Land system: Chloris truncata
 Landform: Anastachea uncinata
 Soils: Paspallidum distans
 Field observation and notes: Enteopson acicularis
Zygophyllum sp. Landzone: 9

RE code changes

Existing RE code: Not mapped
 Proposed RE code: 119.5a

END

T2 Opuntia tomentosa
 G Arundo donax
Sporobolus australis

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 464 Recorder: DS MA Day/Date: 17/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Angry jungle
 GPS: WPT 1269 SS 0731503 7065059 D 62A94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>7</u>	<u>6-9</u>	<u>M</u>
T2	<u>3</u>	<u>3-4</u>	<u>S</u>
T3		-	
S1	<u>05</u>	<u>05-1</u>	<u>✓</u>
S2		-	
G		<u><0.6</u>	<u>D</u>

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant; **a** – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>D</u>	<u>Acacia harpophylla</u>
<u>T2</u>	<u>D</u>	<u>Acacia harpophylla</u> <u>Citrus glauca</u>
<u>S1</u>	<u>D</u>	<u>Gesneria penteloides</u> <u>Albizia diversifolia</u>
<u>G</u>	<u>D</u>	<u>Carex acicularis</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Darwin
 Landform: flat
 Soils: _____
 Field observation and notes: DK Brown clay
Ground 100% buffel Landzone: 9

RE code changes

Existing RE code: 11.9.5/11.9.10
 Proposed RE code: 11.9.5a

END

Vegetation Structure Site Inspection Sheet - Proforma

Location

Site No. 472 Recorder: DS MH Day/Date: 17/12/20
 Regional ecosystem: _____
 Locality: (inc. distance/direction to nearest town) Angry Jungle

Vegetation structure

Median height of the EDL is to be measured
 Cover density is to be estimated

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	5	4-6	S
T2		-	
T3		-	
S1	2	1.5-2.5	V
S2	0-4	0.2-0.5	V
G		<0.2	V

Structural formation: (including height)

T1

Ecologically dominant layer:

Notes:

100% buffel

very open

Large no shrub layer

mostly bare ground

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; a - associated; s - suppressed.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>D</u>	<u>Acacia hapophylla</u>
<u>S1</u>	<u>D</u>	<u>Citrus glauca</u> <u>Eumyphala nutcellis</u>
<u>S2</u>	<u>D</u>	<u>Acacia hapophylla seedlings</u>
<u>G</u>	<u>D</u>	<u>Cenchrus ciliaris</u> <u>Melinis minutiflora</u>

Notes

Disturbance: very open regrowth
 Weeds: Grass 100% buffel
 Landzone: 9

N 6469
 S 6470
 E 6471
 W 6472
 G 6473

Vegetation Structure Site Inspection Sheet - Proforma

Location 478

Site No. ~~478~~ Recorder: DS MH Day/Date: 17/12/20
 Regional ecosystem: _____
 Locality: (inc. distance/direction to nearest town) Angry jungle

Vegetation structure

Median height of the EDL is to be measured
 Cover density is to be estimated

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	13	10-15	M
T2	4	2-5	M
T3		-	
S1		-	
S2		-	
G		2-5	

Structural formation: (including height)

Ecologically dominant layer: T1

Notes:

N 6481
 S 6482
 E 6483
 W 6484
 G 6485

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; a - associated; s - suppressed.

WPT 1084

Str.	Rel. dom.	Scientific Name
T1	D	Casuarina cristata E. populnea Erioptera nitidella ± 10 km
T2	D	Erioptera nitidella Geijera parvifolia Citrus glauca
G		Citrus truncata Aristida calycina

Notes

Disturbance: Not mapped
 NVR 11.9.10?
 Weeds: _____

 Landzone: 9

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 488 Recorder: DS MA Day/Date: 17/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Angry Jungle
 GPS: 1097 55 0430309 4062547 DGDA 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>7</u>	<u>6-10</u>	<u>M</u>
T2		-	
T3		-	
S1		<u>1-15</u>	<u>✓</u>
S2		<u>0-0.5</u>	<u>✓</u>
G		<u><0.3</u>	<u>✓</u>

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N6500
 S6501
 E6502
 W6503
 G6504

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>11</u>	<u>11</u>	<u>Acacia harpophylla</u>
		<u>Callitris cristata</u>
		<u>Santalum lanceolatum</u>
		<u>Plectrogon diversifolius</u>
<u>S1</u>		<u>Callitris glauca</u>
<u>S2</u>		<u>Acacia harpophylla seedlings</u>
<u>G</u>		<u>Callitris glauca</u>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Darri
 Landform: bottom of slope
 Soils: DK Brown clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: not mapped
 Proposed RE code: 11.9.5 NVR?

END

Vegetation Structure Site Inspection Sheet - Proforma

Location

Site No. 482 Recorder: DS MN Day/Date: 17/2/20

Regional ecosystem: _____

Locality: (inc. distance/direction to nearest town) Angry Jungle

Vegetation structure

Median height of the EDL is to be measured
Cover density is to be estimated

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	5	5 - 6	M
T2		-	
T3		-	
S1		-	
S2		-	
G		< 0.6	D

Structural formation: (including height)

Ecologically dominant layer: T1

Notes: Patchy
Brigalow regrowth

Plant species

Record relative (numerical) dominance for each stratum;
d - dominant; c - co-dominant; a - associated; s - suppressed.

Str.	Rel. dom.	Scientific Name
1	D	Acacia <u>happedylla</u> <u>Erctophila mitchellii</u> <u>Jasminum didymum</u>
6	D	<u>Cenchrus ciliaris</u> <u>Opuntia tomentosa</u>

Notes

Disturbance: _____

Weeds: Ground 100% buffel

Landzone: 9

N 6490
S 6491
E 6492
W 6493
G 6494

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 495 Recorder: DS MN Day/Date: 17/12/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Angry Jungle
 GPS: 1104 55 0730748 7032244 D 6DA94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	6	6-8	M
T2		-	
T3		-	
S1	3	2-4	S
S2		0.2-1	S
G		<0.1	S

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Acacia hypophylla</i>
	A	<i>Casuarina cristata</i>
S1		<i>Acacia hypophylla</i> <i>Europhila mitchellii</i>
S2		<i>Acacia hypophylla</i> seedlings <i>Caissara ovata</i> <i>Ate</i> <i>Geesca parvifolia</i>
G	D	<i>Cenchrus ciliata</i> <i>Sporobolus australis</i> <i>Eragrostis brownii</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Downs
 Landform: flat
 Soils: Brown gravelly clay
 Field observation and notes: Ground dominated by Bitbel
 Landzone: 91

RE code changes

Existing RE code: 11.9.5 / 11.9.10
 Proposed RE code: 11.9.5a

END

N 6511
 S 6512
 E 6513
 W 6514
 G 6515

Vegetation Structure Site Inspection Sheet - Proforma

Location

Site No. 498 Recorder: DS MH Day/Date: 17/12/20
 Regional ecosystem: _____
 Locality: (inc. distance/direction to nearest town) Arroyo jungle

Vegetation structure

Median height of the EDL is to be measured
 Cover density is to be estimated

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	14	12-14	✓
T1	8	8-10	✓
T2	5	3-7	✓
T3		-	
S1	1	1-2	✓
S2		-	
G		Loi6	M

Structural formation: (including height)

Ecologically dominant layer: T1

Notes:

Regrowth 11.9.5a

Plant species

Record relative (numerical) dominance for each stratum;
 d - dominant; c - co-dominant; a - associated; s - suppressed.

Str.	Rel. dom.	Scientific Name
E		<i>Casuarina cristata</i>
T1		<i>Casuarina cristata</i> <i>Acacia heapephylla</i>
T2		<i>Acacia heapephylla</i>
S1		<i>Alectyon divaricatus</i> <i>Conophloeus mitchellii</i> <i>Enicostema ovatum</i> <i>boom</i>
G	D	<i>Cenchrus ciliaris</i>

N 6518
 S 6499
 E 6520
 W 6521
 G 6522

Notes

Disturbance: _____
 Weeds: Ground very sparse but dominated by buffel
 Landzone: 9

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 499 Recorder: DS MN Day/Date: 17/2/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Angry jungle
 GPS: 1169 55 0929982 700 3410 D6DA94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	9	5-9	✓
T2		-	
T3		-	
S1	4	2-4	M
S2		-	
G		6-3	✓

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Acacia hepapylla</i> <i>Casuarina cristata</i>
S1	D	<i>Geosca parlatia</i>
G		<i>Cordia alliodora</i> <i>Eragrostis brownii</i> <i>Syntherisma baccifera</i> <i>Casuarina lasiocarpa</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Bolly downs
 Landform: Slope
 Soils: _____
 Field observation and notes: Canopy dying -
 Landzone: 9

RE code changes

Existing RE code: Not mapped
 Proposed RE code: 11.9.5 regrowth? remnant but very poor condition

END

see other sheet for core plot

N 6523
 S 6524
 E 6525
 W 6526
 G 6527

Bidens pinnatifida
Xanthium spinosum

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 604 Recorder: DS MH Day/Date: 17/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Angry Jungle
 GPS: 115 55 0429309 70 64671 D6DA94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	<u>0</u>	<u>6-12</u>	<u>S</u>
T2		-	
T3		-	
S1	<u>3</u>	<u>2-5</u>	<u>S</u>
S2	<u>0.5</u>	<u>0-0.5</u>	<u>V</u>
G	<u>0.3</u>	<u>< 0.4</u>	<u>M</u>

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
<u>T1</u>	<u>D</u>	<u>Acacia harpophylla</u> <u>Opuntia tomentosa</u>
<u>S1</u>		<u>Citrus glauca</u> <u>Caesophila mitisellii</u> <u>Aspalathus hemiglaucosa</u> <u>Geijera parviflora</u>
<u>S2</u>		<u>Acacia harpophylla</u> <u>seedlings</u> <u>Mitrasacme hemiglaucosa</u>
<u>G</u>	<u>D</u>	<u>Cenchrus ciliaris</u>

N 6532
 S 6533
 E 6534
 W 6535
 G 6536

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Downs
 Landform: flat
 Soils: reddish brown clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: 11.9.5/11.9.10
 Proposed RE code: 11.9.5a

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 513 Recorder: DS MH Day/Date: 18/12/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Angry jungle
 GPS: 1124 55 0728226 7064054 D 60A 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	10	8-10	V
T1	5	4-5	MD/D
T2		-	
T3		-	
S1	1	1-1.5	V
S2		-	
G		<0.1	MD

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Ac. harpophylla</i>
E	D	<i>Populus</i> (on edges)
S1	D	<i>Geyera parviflora</i>
G		<i>Cenchrus ciliaris</i> <i>Sida acuta</i> <i>Eragrostis brownii</i> <i>Gnaphalium triflorum</i> <i>Opuntia acanthocarpa</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Rolby downs
 Landform: Slope
 Soils: Brown clay
 Field observation and notes: harpophylla seedlings common
Ground layer very low - mostly Landzone: 9
seedling grasses

RE code changes

Existing RE code: Not mapped
 Proposed RE code: 11.9.5a regrowth

END

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 518 Recorder: DS Day/Date: 18/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Among Jungle
 GPS: 1129

S	S
---	---

0	7	2	7	8	5	9
---	---	---	---	---	---	---

7	6	6	3	3	5	8
---	---	---	---	---	---	---

D 6 DP 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	12	10-12	✓
T2	8	8-9	✓
T3		-	
S1	34	3-6	S
S2		-	
G	8	<0.3	✓

Structural formation: (including height) _____
 Ecologically dominant layer: T1

Plant species

Record relative (numerical) dominance for each stratum; **d** – dominant; **c** – co-dominant; **s** – subdominant, **a** – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>E. papilionea</i>
T2	D	<i>Ac. harpophylla</i>
S1	c	<i>Geigeria parvifolia</i>
	c	<i>Geophila mitchellii</i>
G	D	<i>Cenchrus ciliaris</i>

N 6569
 S 6570
 E 6571
 W 6572
 G 6573

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Downs
 Landform: Towards bottom of slope
 Soils: Red/brown clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: 11.9.5/11.9.10
11.9.10

END

Appendix C

Field Survey Site Data: Quaternary Site Sheets

SD22 23/1/2022 ①

No.	Easting	Northing	Comments	Photo
1720			C. cristata 10-12 m VS RL 2 Sun under	3153
1721			E. populnea 12-13m, ^{Callitris glaucophylla} Callitris 10m rem	3154
1723	(+ 1st on South)		Saxifraga Callitris 6m VVS over buffer	3155
1724	"	"	" " Acacia sp non-rem	3157
1725	(non-rem patch)		T ₁ E. crebra, A leiocarpa 14m VS, C. glauca 8m	3158
1726			Rem 11.5 \$	3159/60
1728			non rem 11.5 \$ E pop 7m VS over C. glauca	3163
1729	non-rem size		rem structure T ₁ A. leiocarpa 16m ^(back) T ₁ A. leucumia 12m ^(back)	3164
			patch 11.5 \$ 1729 rem	3165
1730			rem size (regrowth poplar on South)	3166 11.5 \$ non-rem
1731	remnant structure		T ₁ A. leiocarpa 14m, E. crebra (a), T ₂ C. glauca	3167
1732	non-rem		T ₁ E. candidularis 8m mallee	3168
1734			rem 11.5 \$	3174
1735			rem 11.5.1 South (mapped non-rem)	3175
1736			C. glaucophylla regrowth 5-8m (non-rem)	3176
1737			E. crebra?, E. populnea T ₁ Acacia lanceolata non-rem LZT? surface rock	3178

23/11/2020

(2)

No.	Easting	Northing	Comments	Photo
1739			T ₁ 14m E pop, A. pendula, VS T ₂ 10m C. cristata Remnant	5947
1740			T ₁ 14m E pop S T ₂ 10m Cas cristata S Remnant (buffed megamax)	5948 5949
1741			T ₁ E pop 10m S < 15m wide T ₂ E pop 6m VS Buffe MD under S, Fern Mitch 5m S NO FWM	5950
1742	(Mapped HVR) (Thin SMD)		T ₁ E pop 10-13m (12) S S, 4-7 (6) S Eremophila mitchellii pale sandy clay REMNANT	5951 5951
1743	(Mapped HVR)		11.5.5 (E pop 11m) Callitris glauca 8m & E. melanophora remnant	5953
1745			Rem 11.5.5	5956
1746			rem 11.5.5 abundant logs, native grass	5957
1748	abundant native grass litter FWM		T ₁ C. glaucophylla, Gymbia sp. 11-14m S T ₂ E pop 4-7m S c. glaucophylla evidence of logging	5960 5961
1749			11.5.5 good cond litter, FWM, litter	5962
1750			" "	5963
1751			Canopy gap 20m	5964
1754			Edge LZ9 → LZ5 East (small patch 11.5.5 isolated)	5968
1755			E. crebra over C. glaucophylla RE 11.5.1 rem good cond.	5969
1756 1756	buffed < FWM No hollows < litter		T ₁ 10-13 12m E pop 11.5.5 T ₂ 8-10 9m C. glauca young trees	5973
1757			Dam surrounded by E. camaldulensis 14m earthworks, is not natural but in natural drainage line	5974 5975

5022

(3)

23/11/2020

No.	Easting	Northing	Comments	Photo
1758	abundant	1 hollow FWM	T ₁ E-pop 15m (12-16m) S T ₂ E-pop/call glauc (8-12) 10m S	5976 5977
1760	> FWM < grass < litter < hollows		T ₁ 9-12 (11) Epop/c. glaucophylla Key T ₂ 6-9 T c. glaucophylla VS g. conchus ciliaris MD	5980 5981
1761			" "	5982
1762	?		Rem 11.5 \$ < 20m wide	5983
1762			Rem 11.5 \$ poplar over Acacia exerts	5984
1763			Rem 11.5 \$ (over loggob den by Callitris)	5985
1764			Mapped 11.32 north 100m Eucalypt 14m E. popalae 9 VS " 6-12 g A. pendula S	5986
1766	stagnant > FWM < grass > table	11.5m	T ₁ 14-18 16 S E. cobard T ₂ 10-14 12 MD Callitris glaucophylla S ₁ 1-3 2 VS Goyera LZ 5 11.5.1	5989 5990
1767			T ₁ 10-14 12 VS E. nubila T ₂ 7-10 9 S C. glauc / A. shirleyi 11.7.4? 11.7.2 poor condition	5991 5991
1769			11.9.10 < 15m wide too narrow Frangay den	5996/7
1770			C. cristata 12m too small	5998
1771	also 11.9.9 FWM		Nubila / Callitris 11.7.4 LZ 7	5999
1772			1km N small patch top of hill E. nubila / C. glaucophylla 11.7.4	6000
1773			Patchy broken veg North non-functional	6001
1774			Brigalow/belah 8m non-functional	6002
1775			T ₁ 12m E. moluccana LZ 7	6003
1776		11.9.9	T ₁ 12m E. moluccana T ₂ 8m " " A. heurta	6004

not mappable.

SD22 (4)

No.	Easting	Northing	Comments	Photo
1777			Remnant Poplar box 16m RR 10m wide	6005
1778			Remnant RR Poplar box 11m good condition 11.9.7	6006
1779	Happoel HVR		T ₁ E. pop 10m S track through T ₂ C. glauca 6m S poor cond. too narrow functional non-rem 11.9.7	6007 6008
1779 1780			11.9.7 non-functional insufficient cover (buffer under)	6009
1781	Rosette		11.9.7 remnant good condition	6010
1782	80m South		line of brigades base of jump up non-rem non-functional	6011
1783	HVR North?		Rem 11.3.2 disturbed (dam)	6012/13
25/11 1783	> FWH > filter < Rock	Rem 11.3.25	T ₁ 12-16m 14 E. canaldensis, Angiosperm T ₂ 8-12 10 N. bracteata VS	6014 6015/6
1785			E. melaleuca / Any flots 11.3.3	6019
1786			T ₁ E. cana / Angios 18m, T ₂ N. bracteata 11.3.25	6020
1787			Rem 11.3.25 good cond	6021
1788			" " " "	6024
1789	Soil cracks		11.3.27 E. canaldensis VS 16m G-naduo	6025 6026
1790			Rem 11.3.25	6027
1792			non-rem non-functional	6030
1793	deep cracks		11.3.26 or 11.3.27 (wooded)	6031/32
1794			11.3.25 rem	6033
1795			non-rem non-functional	6034
1796			all HVS 8m non-functional	6035
1797			Paddock	6036
1798			non-functional 11.3.2	6037

S022 25/11/2020 (5)

No.	Easting	Northing	Comments	Photo
1799	Soul cove S.		E. amabilis 18-22m VS (RE) 1327	6042/3
1800			no HVR - cleared (small patch)	6045
1802			Functional 11.9.7	6048
			<i>Acto leucomani</i>	
1803	FWM Native grass decort. kahy bark		T ₁ E. pop <i>E. glaucophylla</i> 10-13m 11m S T ₂ <i>Allocas leucomani</i> 7-10 8m MD	6049 6050
1804	Remnant grasses small rocks		T ₁ E. nubola 18m S LZ7 11.7.7 (6050)	6051
1805			" " "	6052
1806			pulled N-fence line Non-functional	6053
1808			11.9.10 functional	6056
1809			fence line pulled N	6057
1810	Mapped HVR		pulled - paddock.	6059
1811	Angry people		Brigalow 8m buffer under non-functional	6060
1813	good condition		RE 11.9.10 <i>Cristata</i> 12m	6063/4
1820	Edge West		<i>Ecebra oror mellissae</i> (Nellikeri?)	6075
1821			T ₁ E. pop 14m S <i>Ecebra</i> T ₂ <i>Callitris glaucophylla</i> 8m S LZ9 11.9.7 not 11.9.10	6078
1822			regrowth poplar / <i>Callitris</i> non-functional	6079
1823	rem-rem 11.9.7		T ₁ E. melanophloia 14m VS (non-functional) T ₂ C. <i>glaucophylla</i> 7m S Buffer under	6080/81
1155 1824	red sand	LZ5	T ₁ 10-14 12m MD <i>Callitris glaucophylla</i>	6082
1825			" "	6083
1826			" "	6084

SD22

6

No.	Easting	Northing	Comments	Photo
1827	red sand	11.5.5	T ₁ E. melanophylla 14-16m VS T ₂ C. glaucophylla 7-11 S Fundamental heat concern	6085
1828	Photo North Benedmore 11.5.5 red sand		T ₁ Callitris glaucophylla 10m MD Remnant (not 11.9.10)	6086 6087
1829	white sand.		11.5.5 both sides fence T ₁ E. pop 12m VS	6088
1830	pale clay		T ₂ C. glaucophylla 8m 11.9.7	6089/90
1831			Remnant 11.3.25 T ₁ E. rubida 16m S	6091
1831	LZ7 jump up		T ₂ C. glaucophylla 10m VS Remnant 11.7.7?	6093/4
1834			Rem 11.3.25 good cond	6097/8
1835			11.3.2 rem good cond	6099
1836	mapped HVR rem 11.9.7		T ₁ 12-16m 14 E. melanophylla VS T ₂ 8-12 10 C. glaucophylla S pale sandy clay LZ9	6100 6101
1837			Rem 11.3.25 Rem 11.3.2 (south) T ₁ E. pop 10m S (clearly under)	6102 6103
1838			" "	6104
1839	Remnant edge)		11.3.2 N (Research S.)	6105 N
1840			11.3.27 (outside)	
1842			Remnant 11.3.2	6109
1843			C. glaucophylla 8-10m MD	6110
1845			non-rem 11.9.7	6113
1846	Mapped HVR		Rem 11.3.2	6114 15
1847			Non-rem Don function 11.3.2	6116
1848			Tiny patch (gas pipeline) 11.3.2 regrowth	6117
1849	Mapped HVR		Rem 11.3.2	6118

26/11

SD22 (7) UNIFORME

No.	Easting	Northing	Comments	Photo
1850			Rem 11-3-25 15m wide	6119
1851			Photo NE across creek to 11-3-2	6120
1853			Regrowth 11-9-7 non-rem non-functional <small>< do not bank < hollows < FWM ✓ < native grass</small>	6123
1854			Epop 18m S, 9m 12m MD - small gully	6124
1855			E middle 7m MD	6125
1856			Rem 11-3-2 fraying 11-3-25	6126
1857			" " "	6127
1858			Rem 11-3-2 good cord (young hollows)	6128
1859			Non-rem 11-3-2 (non-functional)	6129
1860			" " "	6130
1860	too small		Isolated patch beyond Run	6131
1861			Regrowth non-rem non-functional	6132
(1862)?			" " "	6133
1862			narrow patch 11-3-2 in paddock to East non-rem non-functional	6134
1863			" " "	6135
1864	(non-funct)		pass 11-9-10 check patch 11m buffer under	6136
1866			Well head paddock	6139
1867			T1 Acacia Salicina 8-11 9m S LZ9 T2 E. mitchellii 5-8 IS	6140/1
1868			Acacia harpophylla 2-5m non-functional	6142
1869			" " E-pop VS	6143
1870			Edge remnant 11-9-10	6144
1871			FWM native grass live litter	
			T1 9-15 12 MD C. cristata, Epop (a) T2 6-9 7 S " " S1 3-6 4 VS E. mitchellii	6145/6 6147
1872			edge 11-3-2 (11-9-10)	

Job.....

Date... 26/11/2020

5022 (8)

No.	Easting	Northing	Comments	Photo
1873			Paddock (WELL HEAD)	6148 NE
1874			Regrowth 11.9.10 non-functional,	6149
1875			non-functional regrowth.	6150
1876			paddock	6151 E
(1877)				
1878			11.9.10/7 Non-functional restricted to gully <10m	6154
1879			Non Functional 11.9.10 (SIZE ?) T ₁ 5-9 7 S E. pop, C. crabs T ₂ 3-5 4 VS. Alectyon div, Gejvapansi	6155/6 6157
1880			" "	
1881			non-functional Regrowth 11.9.10	6158
1882			11.9.10	
1883			11.9.10	
1884			11.9.10	
1885			11.9.10	
1886			11.9.10	
1887			11.9.10	
1888			11.9.10	
1889			11.9.10	
1890			11.9.10	

Job.....

Date..... 6

No.	Easting	Northing	Comments	Photo
1894			cleared paddock	6176 N
1895			" "	6177 W
1897		5-7m	Acacia Shirleyi, Eucalypta 8m Eucalypt	6180
1898	Remn	11.7.7	Eucalypta 14-18m (16) Eucalypta VS Acacia anathophylla? Shirleyi	6181 11.7.7
1899			Remn 11.7.7 South, paddock North	6182 N
1900	Remnant		E pop/unclear poplar over Callitris	6183
1901			recently cleared paddock	6184 E
1902			E pop 5m VS, A. decora 3m MD	6185 W (7)
1903			line mixture E pop (1 tree wide)	6186 N
1904			Well - paddock	6188 NE
1905			gathering - paddock	6189 SW
1906			regrowth 11.9.7	6190
1907	non-functional		E. Camaldulensis 12-16m non-rem	6191 N
1908			patch 11.3.2 Remnant structure	6192
1909			11.9.10 patch 4 poplar non-functional	6193
1910			11.3.25 rem	6194
1911			paddock	6195
1912			non-rem 11.9.7 E pop 8m Vs overhuffed	6196

Job.....

Date ~~27/11/20~~ 27/11/20

7022

No.	Easting	Northing	Comments	Photo
1913			Patch young fernant <i>Strychnos</i> 11.9.7 (no brigalow or belah) East fence	6197
1914			non-norm non functional west fence Regrowth 11.9.7 west fence (no brigalow) belah	6198
1915			" " " (no brigalow) belah	6199
1917			<i>Acacia decora</i> 2m MD stunt 11.9.7 regrowth South	6202W 6203E
1918			gully veg 11.9.10 narrow < 1.5m	6204
1919			Emergent poplar in cleared paddock	6205
1920			T1 #9-13 11m <i>E. papahua</i> / <i>crebra</i> (a) S T2 6-9 7m <i>Callitris glauca</i> (S-MD)	6206 6207
1921	FWM Remnant 11.7.7.		LZ 9 (11.9.7 regrowth) T1 <i>Eucalypta</i> 15m VS T2 <i>Acacia Swinleyi</i> 4-9m MD	6208 6209
1922			Small patch 11.9.7 non relic	6210
1923			<i>A. decora</i> 2m	6211
1924			11.7.2 north	6212
1925			Veg fringing existing gully non fence	6213/14
1926			low wood regrowth	6215
1927			Clear fence line 11.7.7 East	6216
1928			" "	6217
1929				6218
1930				6219
1931			Low wood regrowth South 6m	6220
1932	mel ambade		Brigalow regrowth < 2m non fence	6221
1933			paddock	6222N

11.9.5
young

Job.....

Date... 27/11/2020

5822 Remnant Downs

No.	Easting	Northing	Comments	Photo
1934			fence line west	6223
1935	rem good cond		T ₁ E. nubila 16-22m VS T ₂ Acacia Shinglei 9-14 13m MD 11.7.7	6224
1936	/7		11.7.7 no 11.5.1	6225
1938			Rem Nubila 20m over Shinglei 11.7.7	6226
1939			" "	6227/8
1940	Mapped MK		rem 11.7.7	6229
1941			cleared fence line LZ 7 over jump up	6230
1942	Mapped MK		non-rem 11.7.7 T ₁ E. nubila 4-11 (8m) T ₂ A. Shinglei 2-4 3m	6231
1943			rem 11.7.2 Rem good cond	6232
1944	(Stems not black)		Philotheca possibly P. sporadica	6234/5
1945			Well - open paddock	6236
1946	non-functional		(West of fence line) Relict line <i>Bragalou</i> 16m < 15m wide	6237
1948			End <i>crustata</i> (11/9/10) start Rem 11.9.7	6240
1949			Rem 11.9.7	6241
1950			Infrastructure - paddock (Start <i>crustata</i> over fence at the paddock)	6242 (S)
1951	-end <i>crustata</i>		11.9.10 functional	
1951	(over fence)		11.9.7 relict remnant good cond 30m wide	6243
1953			patch remnant 11.7.7 south 300m	6244
1954			remnant 11.7.2 (poor condition)	6245
1955			non-rem non-functional regrowth	6246
1956			gate - non-rem non-functional regrowth paddock	6247/8
1957	Rem 11.5.1		T ₁ 14-18 16 E. <i>crubum</i> Σ 8-14 10 E. <i>crubum</i> , grey strata red sand polished pebbles A. Shinglei	6249 6250

Native grass
rem
filter
deport bank
< follows

Job Boordale 100

Date 23/11/20

No.	Easting	Northing	Comments	Photo
764	0423527	7059819	Not remnant totally bare Quarry mapped as NVR	5933 5934 5935 5936
768	0423492	7059910	Ac. decore not remnant	5937
769	0423468	7059912	beginning of polygon A rock outcrop mapped as NVR. 770 end of polygon	5938
772			beginning of polygon - waypoint 774 end of polygon -	
775			End of Polygon	
776			Extension of mapped NVR Polygon 11.95 harpogyllari	5843 5844
777			beginning of line end of line	
778	0423370	7059479	No NVR here Dominated by butted	5845 5846
779	0423646	7059299	11.77 continues Crebra non codominant Lance-wood still present	5848 5849 5847
780	0423688	7058952	NVR brigalow as mapped Extensive erosion Large % of canopy Drought death Large knoll in middle of Polygon	5852 5851 5853 5850 5854
781	0423544	7059516	NR Ground Dominated	5855 5856

Project Sheet No. W. lga vale

Date 24/11/20

No.	Photo	Easting	Northing	Comments
787	5877 5878	0724264	7059900	Narrow strip mapped as 11.7.2 / 11.5.1 is 11.7.2
788	5879 5880 5881	0722375	7060104	Mapped as NVR 5m wide strip on road To 14m cristata, Poplar, catalpa 5-10m wide 10
790	0723775	7063524	Photo 5887	Cas cri manufacture To 7m < 0.5 ha
791	Photo	0723824	7063625	Cas cri manufacture to 7m Line dump round polygon < 0.5 ha
792	5884	0723503	7063306	Occasional emergent Poplar to 16 min canopy 4-10 Erenophila mapped as NVR
793	5889	0723621	7063077	Cas. cri to 12m occasionally occasional low poplars ulga + Erenophila in scrubby
794	5890	0723855	7062894	Same NVR
795	5891	0724062	7062721	Same NVR
796	5892	724260	7062559	Poplar to 18m sparse understory NVR

To 14m Tall

mitchellii

To 18m
NVR

wilga vale

24/11/20

No.	Photo	Easting	Northing	Comments
798	5898	0724801	7062975	Dam
802	5915 5916	0725503	7063293	small patch - heavily disturbed Poplar, <i>Eremophila mitchellii</i> , <i>Ac. salicina</i>
	5917 5918			To 12m very open in middle
				contains <i>Ac. pendula</i>
803	5919 5920 5921	0725250	7062844	Mapped 11.9.10 remnant Cas, on stumps 10-12m occasional emergent <i>cristata</i> to 18
				Dead Poplars common
804	5922 5923	-		NVZ Patchy Poplar occasional emergents to 15m T ₁ poplar 9m
				Cas ori <i>Erem mitchellii</i> <i>wilgii</i>

Job... Basnderoo

Date... 25/11/20

No.	Easting	Northing	Comments	Photo
805	0723345	7058505	Proposed works not remnant cultivated	5924 5925
806	0724194	7058301	Proposed works not remnant cultivated	5933 5934
807	0724523	7058302	Proposed works not remnant cultivated	5935 5936
808	0724502	7057873	open regrowth cas. crs Popton to 10m narrow steps along watercourse NR	5937 5938
809	0724342	7059017	Top of ridge 11.7.7 E. fibrosa nubila E. crebra 13m	5939 5940 5941
810	0724386	7059136	Proposed works NR cleared pasture	5942 5943
811	0724646	7059166	Proposed works NR clear pasture	5944 5945
812	0724992	7059448	Proposed works NR clear pasture	5946 5947
813	0725124	7059560	Proposed NR in Bikin Remnant 11.7.2 in Wilga vale	5948 5949 5950 5951
814	0724801	7059008	Proposed works NR clear paddock	5952 5953
816	0724737	7058526	Proposed works NR clear paddock and cultivation	5954
819	0722899	7059159	over fence 11.9.5a Bridgman Remnant 12m mid-level cas cristata present	5985

Bikin N
Bikin S
Wilga NE
Wilga SE

Job... W. Igavale

Date... 25/11/20

No.	Easting	Northing	Comments	Photo
823	0724981	7059799	Regrowth 11.7.2 Poplar crebra to 10m Cas cri. Callitris endlicheri	5941 5942
			Dense e. but mostly 3-5m tall Mapped as NR	
824	0725455	7059745	Not near Regrowth 11.7.2 open - cover < 30 Callitris present - 3-5m tall	seedling crebra shirleyi 4-5m 5943
825	0726263	7059643	Not near Regrowth 11.7.2 Cover < 15%	3-7m crebra poplar cas cri Callitris 5944 5945
826	0726432	7060052		Proposed lay-down →
826	0726432	7060052	NR Poplar 8m Cas Cri present	5946
828	0725366	7060399	NR veg open regrowth 11.5.1 crebra to intermediate to 11m	5982 5983
			Callitris bahnianii T2 5-7 Callitris bahnianii Acacia shirleyi	
829	0725397	7060756	Dam	5984
830	0725004	7060954	Proposed works Not remnant	5985 5986
831	0727933	7060356	Proposed works Not remnant - cleared pasture	5987
832	0727926	7060553	T1 crebra citiodora (veg occasional) 8mhd R2 cas. cri, 3-5m NR	5988

Job Wilgarvale

Date 26/11/20

No.	Easting	Northing	Comments	Photo
834	0724288 706	7060942	NR Callitris to 8m Spose	5994
835	0724422	7060900	T1 shrubby 5m Callitris 6m NR	5995 5996
836	0724513	7060756	T1 shrubby 7-9 11.7.2 No shrub lower T2 Cas cri - Callitris 3-5m VS	5997 5998 5999
837	0723782	7060434	NR shrubby 7-9m recently Logged VS Call 6m VS Cas 6m VS	6000
838	0723896	7060762	NR T1 shrubby 7-9 s T2 call. on casuarina 5-6 s recently logged	6001
839	0724939	7060389	T1 Poplar Casuarina 12-14 Spose T2 Casuarina Callitris Emergent 8-10 Dense Lots of Drought death	6002 6003
840	0725073	7060544	T1 Poplar, crebra 10-11 Spose T2 Cas, Callitris 4-6m Mid	6004 6005
841	0725323	7061030	T1 Poplar, Casuarina intermedia 8-9 T2 Casuarina intermedia, Casuarina Callitris 7-8 not current	6006
843	0725177	7061243	T1 crebra 15m Rem T2 Callitris 12m 11.51 S1 wilga as mapped	6012 East
844	0725059	7061113	E crebra 20m V T crebra, Callitris, cas 6-9 s NR NR	6013 West
845	0724660	7061505	Emergent alt 18-20 Poplar crebra T1 Poplar 8-11 V S1 Emergent G VS Aristida Callitris 2-5 NR	6014
846	0724397	7061486	Emergent 18-20 crebra T1 7-10 Poplar Callitris Shrub absent mapped HVR	6015 6016

Job Wilgavale

Date 26/11/20

No.	Easting	Northing	Comments	Photo
848	0724777	7061818	Rem 11.72 T1 Crabra 16m T2 callitris, cristata 5-14 T3 callitris, bullock	6022 nest
849	0724522	7062182	E Poplar 10-15 AT Emergent 15m VS T1 Poplar 8-10 mid T2 callitris Eremophila 2-5 NR	6023 nest
850	0724314	7062258	Proposed works cleared paddock Low emergent callitris eremophila poplar VS 4m tall	6024
851	0724224	7062095	Mapped HVR T1 Poplar 8-12 sparse T2 Eremophila, Geijer callitris Grassha striata AT 3-6 m	6025
861	0723670	7061971	Rem 11.5.1 Emerg crabra 15-18 ✓ Eremophila callitris T1 crabra c. intermedia 8-10 Ground middie Aristida capillaris	6056 6057
862	0723457	7062116	Bagged fringe 0-5m wide brigalow 7-9 Poplar 12-15 - lots of small stands without connection No patches over 0.5ha	6058 6059
863	0722006	7062877	thin polygon of 11.9.50 remnant potentially contiguous with mapped polygon on adjacent property brigalow 7-9m no shrub or ground	6060
864	0723003	7063132	NR scattered callitris crabra c. intermedia Acacia decore	6061
865	0723717	7061618	11.5.1 emergent up to 18m T1 bullock + callitris 12m 23	6072 6073

Job W. Igavale

Date 27/11/20

No.	Easting	Northing	Comments	Photo
869	0723723	7061339	NR 5.7m Cas. cristata occasional Ac. harpophylla 4-5m	6074 6075
870	0724190	7061361	Rem 11.7.2 T. Shirley, 13m crebrai Dense lots of feather timber No shrub collinis 2-6m vs	6076 6077
871	0731016	7055374	NR Muffed as 11.3.25/11.3.2	
			Cleared area with 11.3.25 on southern edge >15m wide on watercourse	6078 6079
			11.3.2 on northern edge ~ 5m wide	
872	0730913	7055457	11.3.25 < 15m along watercourse on north edge 2m high	
			11.3.2 on southern edge ~ ~ 5m wide 18m tall	6081 N
			ephemeral wetland on southern edge < 0.5ha Patch center of polygon cleared	6082 S
			patch of 6 myall 10m tall	6083 wetland
873	0730818	7055566	11.3.25 Remnant	6084
874	0730657	7055741	11.3.2 < 0.5ha Poplar 17m Dominated by buffel	6085 6086

Job Kevin Dorns

Date 30/11/20

Week 2

No.	Easting	Northing	Comments	Photo
202	wpt 877 0726586	7057176	T1 crebra 14-19 sparse T2 Shirleyi 5-4 sparse G Mid Acistidacul Acistochae	11.7.2 6095
203	wpt 880 0726434	7057185	T1 sparse 14-19 crebra T2 sparse Shirleyi 6-10 G M Aci caput-meluser	6096
204			Acistida calycina Acistochae uncinata 11.7.2	
204	wpt 881 0726482	7056999	T1 From previous sites missing T2 Dense crebra Shirleyi 11.7.2	7-10m 6097
205	wpt 882 0726442	7057016	NR Crebra 16-18 very occasional	6098
206	0726535	7056938	Remnant 11.7.2 T1 crebra 14-18 sparse T2 Shirleyi 4-8 mid collitis in T2 T3 exserta Phylloca present - common	6099
			Very rocky pavement	
206	wpt 885 0726363	7056581	Same as 206 Poplar to 18m occasional bryetes exserta	6100
209	wpt 886 0726740	7056420	Remnant 11.7.2 T1 crebra 17m sparse occ poplar T2 Shirleyi (collitis) crebra poplar 5-8	6101
			Ac leucocarpa present Phylloca present 11.7.2 on slope	
210	wpt 887 0726841	7056399	Shirleyi & crebra on Ridge line remnant 11.7.2	4-5m 6102

Job.....

Date.....

No.	Easting	Northing	Comments	Photo
211	wpt 888 0727231	7056328	Shirkyi with exserta 5-6m Rem 11.7.2 ridgetop Dense	610 610 9
212	wpt 889 0727656	7056266	Shirkyii with exserta 7-9 Rem 11.7.2 ridgetop	6110
213	wpt 890 0727583	7056438	E Crebra 12m Shirkyii with exserta 7-9 ridgetop - remnant 11.7.2	6111
213	wpt 891 0727666	7056842	NR Poplar 6m VS with this Cristera to 6m VS	6112
215	wpt 893 0727299	7061618	11.3.25 remnant	6118
216	wpt 895 0728185	7061219	11.3.25 Remnant F. microtheca present	6119
217	wpt 895 0728524	7061099	11.3.25 remnant remnant	6120
218	wpt 896 0729600	7060997	oxbow lake wetland - watercourse remnant - NR	6121
219	wpt 897 0729654	7060890	11.3.25 Remnant	6122
220	wpt 898 0729808	7060961	11.3.25 Remnant	6123

WGS 84

No.	Easting	Northing	Comments	Photo
M2 0728866	wpt @ 2	7060370	(M) T1 E comoldensis, E populnea = 14-18m (S) T2 E comoldensis, E populnea G - buffal grass Soil light brown, stony	math 6273 6274
M3 0728838	wpt @ 3	7060164	(M) T1 E comoldensis, E populnea = 16-22m (M) T2 E comoldensis, E populnea (S) T3 W go, E populnea G - buffal Soil light brown, stony	math 6275
221 0728717	wpt 899	7060138	(M) T1 - Casuarina cristata, E mitchelli = 6-12m long linear feature, sitting in long 15m wide at its widest. Nearly all Casuarina with only a few mitchelli G - buffal grass Soil light brown, stony	6124
222 0728946	wpt 900	7059986	C. cristata with brigalow and myall 7-11m (M) no real understorey, some buffal grass at edges linear feature, narrower than 10m wide, growing along and inside	6125
224 0722798	wpt 902	7059986	C. cristata as above with occ. and brigalow and occasional myall and populnea.	6131
225 0725743	wpt 903	7060590	NR cnc of property	6132
226 0725718	wpt 904	7060343	NR 11.5.1 T1 crebra 14-20 T2 callitris + bullock Large crebras full of hollows. Left tuber checked?	6133 6134
227 0725866	wpt 905	7060699	T1 E crebra 14-20m (VS) T2 callitris 3-6m (M) 11.5.1 crebra full of hollows	6135
228 0726280		7060996	EE Crebra 12-15m (VS) T1 A Shalyii (8-12m) (M) S1 - callitris with A shalyii (2-4m) (S)	
	wpt 906		11.7.2 to east of waypoint 11.5.1 to west of waypoint west photo 6136 east photo 6137 west photo 6136	

Job.....

Date.....

No.	Easting	Northing	Comments	Photo
229	0726350 wpt 907	7060574	E E Crebra 14-20 (vs) TI Calluns, E. cristata, (3-6m) (M) E. cristata vilga, Petalo stigma, E. crebra	
			TI dominated by calluns and cristata. HVC 11.5.1	6138
230	0726469 wpt 908	7061136	E E Crebra 14-20 (S) TI - E crebra (A), cristata (S) 1-10m (M) SI - E crebra (A) cristata (col) (vs) 3m 11.5.1	6139
232	0726462 wpt 909	7061174	Boundary between 11.9.5a and 11.9.10	
233	0726351 wpt 910	7061042	Boundary between 11.9.5a and 11.5.1	
254	0727024 wpt 911	7061509	11.9.10 as mapped - in Burnside Poplar 10-14 5 Bigdon 8 5 cristata 6-8 mid course	6144
255	0727650 wpt 912	7061948	TI after 11.9.10 as before Make poplar	6145
			non remnant on proposed works to SE.	6146
256	0727894 wpt 913	7062120	Proposed works Not remnant	6147

Job

Dunsmuir

Date

3/12/20

No.	Easting	Northing	Comments	Photo
263	wpt 926 0725949	7061092	11.7.2 N 11.5.1 S	6179 N 6179 S
264	wpt 927 0725949	7061022	Croton 16-18m Cristata 5-8 Poplar present	6181 6182 6183
265	wpt 928 6026	7061539	11.9.10 Poplar with some croton and brigalow ~12m S/m. dense Cristata + vilga underneath	6184 6185
266	wpt 929 0725999	7061592	11.9.5a brigalow Cristata + vilga underneath	6186
267	wpt 930 0725976	7061616	11.9.5 North 11.7.2 west 11.5.1 South	6187 N 6188 W 6189 S
268	wpt 931 0725512	7061719	11.9.5 brigalow east 18m 11.9.5 cas. cristata monotypic west 16m	6190 6191
269	wpt 932 0725377	7061760	11.9.5 monotypic cas. cri 17m M. dense	6192
270	wpt 932 0725967	7061760	vilga + cas cri under	
271	wpt 933 0725967	7061841	Brigalow S.E. 12m Cas cri N 15-16m	6193 SE 6194 N
271	wpt 934 0725967	706190	Brigalow S Cas cri N	6195 S 6196 N
272	wpt 935 0726000	7061653	Brigalow S 9-12 Cas cri N 6-8	

Scaldy bit

Job Burnside

Date.....

No.	Easting	Northing	Comments	Photo
273	Wpt 07226099	936 7061520	Bogdan S Cas Lit N	6199
			Occasional poplar starting to appear	6200
274	Wpt 0722626	937 7061462	Crobra 11.5.1 Some poplars	6201
275	Wpt 0722693	938 7061376	11.5.1 crobra	6202
276	Wpt 0725932	939 7061224	7.2.1 Shilkeji 10m	6203
278	Wpt 0726549	940 7061388	Bogdan 11.9.5 NW 10m Mid	6214
279	Wpt 0727119	941 7061579	11.9.10 to NW Poplar 12-15 5/6 Wilga under 3m Spase	6215
280	Wpt 0727451	946 7062007	poplar 8-13 (m) wilga under 3m (s) 11.9.10	6216
281	Wpt 0727188	947 7062738	poplar 10-15 (m) wilga under 4m (s) C. caudata 10 (s) very sparse 11.9.10	6217
282	Wpt 0727310	948 7062286	poplar 10-15m (m) A. salicina 6-8 (s) wilga under 3m (s) 11.9.10	6218
283	Wpt 0727364	949 7062611	poplar 8-12 (m) calytrius 7-10 (m) wilga under 3m 11.9.10	6219
284	Wpt 0727445	950 7062015	as above 11.9.10	6220

Job: Burnside

Date:

No.	Easting	Northing	Comments	Photo
285	wpt 951 0722005	7062890	E. poplar = 10-14m (m) C. cristata = 9-12m (s) A. decora = 2-3m (s) Wilga = 2-4m (s) e. mitchellii 2-4m (s)	11-9-10 6221 6222
286	wpt 0726783	952 7062891	as above	11-9-10 6223 6224
287	wpt 0726702	953 7062828	E poplar = 8-12m (m) C. cristata = 8-10 (s) myall = 6-8 (s) E mitchellii = 2-5m (s)	11-9-10 6225 6226
			wilga = 2-4m (us)	
288	wpt 954 0726232	7062833	E poplars = 8-10m (m/s) C. cristata = 8-10m (m/s) A. harpophylla 8-10m (m/s) E mitchellii 2-5m (m/s)	6227
			wilga = 2-4m (m)	11-9-10
289	wpt 0726091	955 7062965	E poplars 8-14m (m) C. cristata = 6-8m (m/s) wilga = 2-4m (s) A. harpophylla 8-10m (m/s)	6228
			A. salicifera = 5-7m (s)	
290	wpt 0725875	956 7062921	E poplars 8-14m (s) C. cristata 8-12m (s) E mitchellii 4-6m (s) wilga = 2-4m (us)	A. harpophylla 8-12m (s) 6226
291	wpt 0725717	957 7063001	non remnant.	6227
292	wpt 0725618	958 7063006	A harpophylla 8-12m (m) A harpophylla 0.5-2m (s) wilga up to 3m (s) polygon starts at 958, ends at 959	11-9-50 6231
			A harpophylla saplings in a ring around edge of polygon, signs of regrowth/expansion	

Job.....

Date.....

No.	Easting	Northing	Comments	Photo
293 293	wpt 0725301	960 7062950	E poplar 8-10(s) Cristata 8-10(m/s) E mitchellii 3-6m(s) wilga - under 3m(us)	11.9.10 6232
294	wpt 0725816	961 7063401	Poplar 9-11(s) Cristata 6-8(s) wilga - 3-6m(us) E mitchellii	11.3 2?? 60 6233
295	wpt 0725915	962 7063474	E melanaphloia 10-14m(s) A harpophylla 8-12m(s) E populnea 10-14m(s) calytrus 6-8m(us)	6234 to SE
295			C cristata 6-8m(us) wilga 4-8m(us) E mitchellii 4-6m(s)	
			brigalow appearing to SE of wpt. E melanaphloia appearing from wpt 294 may be indicative of 11.3.2 (but harpophylla is mitchellii)	
296	wpt 0726150	963 7063616	E poplar - 8-10m(s) brigalow - 7-12m(s) calytrus 6-8m(s) wilga 3-6m(us) E mitchellii 2-3m(s) C cristata 4-6m(s) indicative of 11.9.10	6235 6236
297	wpt 0726132	964 7063905	E poplar 8-12m(m/s) Cristata 6-10(s) wilga 4-7m(s) E mitchellii 3-6m(s)	11.3.2 6237
298	wpt 0726490	965 7063819	E melanaphloia 2m (ewigant) E melanaphloia 8-16(s) E populnea 8-12(s) wilga 5-9(s) E mitchellii 2-4(us)	11.3.2 6238
	wpt 969 0726665	7064032	E. populnea 2-5m middle size regrowth	6244 6245
			remnant poplar 8-10m tall to the east of wpt	6246

potential early regrowth ← 300

to the south

Job

Date

No.	Easting	Northing	Comments	Photo
301	Upt 0726674	970 7063862	poplars 10-14m with wilga up to 3m E. mitchelli 3-6m remnant / not HVR on fringe	6247
302	Upt 0726754	971 7063699	as above remnant / not HVR on fringe	6248
303	Upt 0726978	972 7063455	low sparse regrowth of E poplars - 2m tall	6249
304	Upt 0727015	973 7063399	advance regrowth of poplar and E melanophoni up to 6.5m tall 11.3.2 fringe to south of HVR	6250
305	Upt 0727143	974 7063281	poplar with up to 10-12m tall with wilga 2-5m undergrowth RE 11.3.2	6251
306	Upt 0727219	975 7063224	low sparse regrowth of E poplars to 3m tall and red gums	6252
307	Upt 0727261	976 7063198	E poplar and comarogulmis (red gum) 11m tall # small plot of HVR with sparse poplar close by to UPT 975	6253
308	Upt 0727427	977 7063043	low sparse regrowth of poplar and over red gums 0.5 to 2.5m tall next to 11.3.2	6254
310	Upt 0727134	979 7061104	11.3.25 rem	6260
311	Upt 0727103	980 7061165	11.3.25 rem Conalduensis - Argemone floribunda 33m	6261
312	Upt 0727206	981 7061165	11.3.25 rem NW wetland 11.3.25 NE - worked crown	6262 NW 6263 SE
315	Upt 0726933	982 7064266	11.3.25 rem	6269
316	Upt 0727031	983 7064289	NR Pipeline through mapped 11.3.2	6270

4/12/20

Job

Wyalla

Date

14/12/20 WK3

No.	Easting	Northing	Comments	Photo
401	wpt 0729953	992 7059955	11.3.25 Canadensis 12m 1 tree each	Mud blockator 5m 6284
402	wpt 0729980	993 7059966	"	6285 C1
403	wpt 0729995	994 7060000	"	C2
404	wpt 0729937	990 7059984	"	C3
406	wpt 0730079	997 7059900	E. crebra 6-8m, Cal. glaucophylla 6-8m - T1 (m) C. glaucophylla 3-6, E. mitchellii 3m (T2 m) C. glaucophylla 0.5-1.5, microphyllus sp 1m (S1) 11.7.7	6289 6290
407	wpt 0730015	999 7059975	Ascaris shirleyi 5m, Cal. glaucophylla 5m (T1 vs) land cleared, some nitrous oxide E. mitchellii and brigalow top of ridge, nitrous oxide	6291
410	wpt 0730070	1002 7060055	Callitris sparse 7-9 - apter Ac. leucocarpa, Poplar - 5-6 mid dense Crebra 12m emergent Ac. melvillei?	6303 6304
411	wpt 0730117	1006 7060300	E crebra emergent to 16m (S) E crebra and A shirleyi + 15m (m) 11.7.2	6320
415	wpt 0732330	1009 7060109	E crebra emergent to 15m (S) Emerg E populnea, E crebra to 10m (T1) Al Cas huanain, callitris upto 6m (T2) Wilga upto 3m (S1) likely 11.5.1	6326
416	wpt 0732581	1010 7060827	as above plus E. chirocladoides 12m (assoc) likely 11.5.1	6327
417	wpt 0732821	1011 T1 7060990 T2 S1	E crebra to 12m, E melanophloia (12m assoc) E crebra, callitris, bull oak up to 7 Wilga up to 3m still likely 11.5.1	6328
418	wpt 0733070	1012 7060766	E crebra up to 8-10m (T1) callitris and bull oak 6-8m (T2)	6329

No.	Easting	Northing	Comments	Photo
419	wpt 073206	1013 7058946	A shirleyi up to 11m (T1) E crebra, Ashdugi up to 8m (T2) also A cristata cal. trur up to 2m (T2)	6330
			Acacia burseria/spossifera?, wiga up to 4m 11.7.2.	
422	wpt 0732742 7059386	1016	11.7.2 Remnant to west in gully shirleyi 6-10m Middle dense	6342
424	wpt 0732742	1016 7059386	E. exserta 8-10 sparse	
426	wpt 1018 0732449	7058946	Callitris low regrowth 4-5m Possibly 11.3.2 - canaliculensis just down slope	6349
425	wpt 1019 0732665	7058958	11.3.2 advanced regrowth Poplar - melanophylla 6-9m Middle dense occasional canaliculensis to 9m	6350
426	wpt 1020 0732539	7059412	Call glaucophylla - stand 4m as above	
427	wpt 1021 0732232	7058989	as above	
428	wpt 1022 0731991	7059825	NR not regrowth	6351 6352
429	wpt 1023 0731744	7059036	regrowth callitris 4-6 Middle dense occ crebra 8-9m mixture of sand areas + rocky areas	6353
430	wpt 0731428	1025 7060662	Remnant 11.7.2 to N shirleyi 12m Dense 11.5.5 regrowth S	6360
431	wpt 0731411	1026 7060623	11.5.5 advanced regrowth albacalada 11-13m Middle dense Bull oak	6361

Job.....

Date.....

No.	Easting	Northing	Comments	Photo
432	Wpt 0731577	1027 7060310	E. chloroclada - 8-10m (T1, S) E. chloroclada, bull oak, 5-8m (T2, M) wilga 1-3m (S1, S)	6362 11.5.5 advanced regrowth
433	Wpt 103 0729321	5 7060486	ephemeral wetland No fringing veg.	6368 N 6369 S
434	Wpt 1036 0725974	7061051	Regrowth along watercourse NR Pollar to 8m & Acacia sp	6370
436	Wpt 1038 0728173	7060497	proposed works not remnant 100% buffer	6376
437	Wpt 1039 0728435	7065248	brigalow up to 12m (E) vs, also Cas cristata up to 10m bunya up to 6m dominant (M) wilga and alalyga hemiglauca up to 4m (S)	6377
			both sides of road the same * buffer understory dominated 11.9.5	
438	Wpt 0728694	1040 7065392	proposed works within paddock not remnant cleared field.	6378 6379
439	Wpt 0728653	1041 7065513	proposed works with paddock on strathalan property. dirt road with fringing buffer	6380 photo to north
440	Wpt as above	1041	proposed works across road. * both sides of road contain brigalow and C. cristata upto 12m (sparse) brigalow and E. mitcheilii up to 6m (sparse)	6381 photo to south
			Alalyga hemiglauca and wilga up to 4m * buffer understory dominated 11.9.5	
441	Wpt 0728997	1042 7065604	proposed works in paddock not remnant 100% buffer	6382
442	Wpt 1043 0729272	7065832	brigalow and C. cristata up to 12m (sparse) sub canopy of brigalow wilga, A. hemiglauca up to 8m both sides of road	6383 to south 6384 to north 11.9.5

Job.....

Date.....

No.	Easting	Northing	Comments	Photo
443	wpt 1044 0733045	7066371	proposed works in paddock not remnant, all buffel and a little native citrus	6385
444	wpt 1045 0733048	7066648	see as per site number 442 brigalow dominated on both sides of road 11.9.5	6386 north 6387 south
445	wpt 1046 0733096	7066911	proposed works. in paddock not remnant buffel and road	6388
446	wpt 1047 0733184	7066923	proposed works in paddock already works taking place	6389
447	wpt 1048 0733199	7066322	proposed work in paddock fence tracks with buffel all around.	6390
449	wpt 1051 0733203	7065205	proposed work in field in paddock with buffel! not remnant	6396 west our work
450	wpt 1052 0733213	7065443	as above above not remnant or works	6397
451	wpt 1053 0733220	7064743	as above not remnant or proposed works	6398
452	wpt 1055 0733055	7064224	brigalow and C. cristata up to 11m with lots of smaller brigalow 3-6m understorey. A. leucocalix and wilga up to 3m not abundant. dominant buffel grass present	6404
453			plot approx 20m wide, however fence runs through middle, with plant clearly approx 1m either side of fence. 11.9.5	
453	wpt 1056 0733279	7063906	proposed works cultivated paddock not remnant	6405
454	wpt 1057 0733523	7063556	C. cristata up to 12m, sparse some brigalow and wilga + mitchelli up to 4m buffel grass dominant 11.9.5	6406

end of potential polygon connecting
site 452.
proposed work to south of site 454 — photos 6407

Job Angry Triangle

Date 16/12/20

No.	Easting	Northing	Comments	Photo
458	WPT 1062 0727057	7063260	11.3.2 Remnant	Poplar to 16 occasional brigalow Melanophila Point 6423 6424 6425 6426 6427
459	WPT 1063 0727049	7063207	11.3.25 Remnant	Caralibless to 20m 1 tree wide 6428
463	WPT 1068 0730456	7064448	NR Poddock Proposed works	6453 N 6454 W
465	WPT 1070 0731438	7065227	Proposed infrastructure NR Poddock	6460 N
466	WPT 1071 0731553	7064792	Proposed works NR Poddock	6461
467	WPT 1072 0732118	7065060	Proposed works N Track NR Poddock	6462 NW 6463 S
468	WPT 1073 0731127	7064706	Proposed works NR Poddock	strip of brigalow 6m high along edge 15m wide 6464
469	WPT 1074 0730630	7064017	Proposed works alteration	6465
470	WPT 1075 0730973	7063936	Proposed works cleared existing tracks	6466 6467 S
471	WPT 1076 0731296	7063531	Brigalow sub patch narrow NR	6468
473	WPT 1077 0732387	7062881	NVR Cas Oil Pm Spase Poplar forest Eremophila a single 3-6 under	6474
			Ground Mid course Buffell with details mapped NVR	

Brigalow on edge 6m

Job.....

Date.....

No.	Easting	Northing	Comments	Photo
474	wpt 1080 0732363	7062622	NVR 6-12m brigalow Poplar present veg open	6475
475	073227	7062855	chinese duck farm	6476 8477 8678
476	wpt 1082 0732160	7062977	NR same as adjacent mapped NVR	6479
477	wpt 1083 0732470	7063013	NVR as mapped Poplar casuarina casuarina 5.9m mid-line ground veg sparse	6480
478	wpt 1086 0732725	7063261	NR at this point gap between vegetated bits	6486
479	wpt 1087 0732444	7063481	NR narrow strip 15-20m wide brigalow casuarina 7-8m	6487
			no shrub layer ground 100% buffer	
480	wpt 1088 0732574	7063469	Brigalow casuarina ground 100% buffer veg open	6488
			Patchy	
481	wpt 1090 0732771	7064044	Proposed works NR	6489
483	1092 073570	7063476	Proposed works Paddock	6495
484	1093 0730857	7063350	Proposed works Paddock	6496

Job..... Angay Jungle

Date..... 17/12/20

No.	Easting	Northing	Comments	Photo
485	1094 0730464	7062965	NR Patches too small to map brigade to fm	6497
			Ground 100% buffer	
486	1095 0730415	7062544	Proposed works cultivation	6498
487	1096 0730376	7062546	Brigade to fm ground by 100% buffer ~50m wide NR?	6499
489	1098 0730349	7062538	Dam to S	6505
490	1099 0730187	7062239	NR	6506 S
491	1100 0730121	7062183	NR	6507 S
492	1101 0730532	7061047	Brigade to km veg open NR Poplar to km	6508 S
493	1102 0730532	7061693	veg open occ. brigades + poplar m. Eremophila	6509
494	1103 0731161	7062018	Proposed works Paddock	6510
496	1105 0730551	7062162	11.9.5 remnant	6516
497	1106 0730438	7062135	Proposed works Paddock ofc poplar ofc brigades occ. myrtle	6517

Angay mostly with exception

Job... Angry Jungle

Date... 17/12/20

No.	Easting	Northing	Comments	Photo
500	1111 0729773	7063655	NR TOW not mapped	6528
501	1112 0729558	7064149	NR To E not mapped	6529
502	1113 0729467	7064338	Proposed works Reddick	6530
503	1114 0729474	7064616	NVR Brigalow 6-8 ulga under	Middense 6531
504	1116 0729478	7064712	Proposed works Cultivation	6537
505	1117 0729430	7064390	11.9.5 Remnant Brigalow Cas. cr1 5-9 Ground advent -	5-9 Middense pure buffel 6538
507	1118 0729113	7064205	NVR cristata Brigalow 7-12m sparse	6539
508	1119 0729059	7064370	11.9.5a Remnant ulga shrub layer cas. cr1 in t1 Ground sparse	6-9 m Middense 2m Buffel 6540
509	1120 0727328	7063965	11.3.2 remnant Poplar on sparse	6541
			Cannadileensis on wet course high	1 use with 20m high 6542
510	1121 0727641	7063920	Mapped 11.9.5 (11.9.5) Canopy mostly dead	6543

14/12

occ. Poplar
occ. brigalow
occ. Myndall
Canopy mostly ulga + Eremophila 2-5m middense
not remnant

Job Angry Jungle

Date 18/12/20

No.	Easting	Northing	Comments	Photo
511	1122 0224885	7063794	11.9.10 Poplar 8-10 sparse Middense ulga + erenophila 2-5 Brigalow 7-9 sparse	6544 6545 6546
512	1123 0224900	7063889	Mapped 11.9.5/11.9.10 N.P. Poplar 15m sparse Brigalow 5-9 sparse No shrub layer	6547 N 6548 S 6549 E 6550 W
515	1126 0224179	7063181	11.9.10 Poplar 12-14m SP Brigalow 8-10 VS Ceanothus ulga sally SP	
			Courd buffal Polygon weeded Cas 6/10-12 present	6561 6562
516	1127 0224825	7063122	very sparse 11.9.10 Poplar 2-5 ulga erenophila	6563
			Mapped as remnant dirt	6564 N 6565 S 6566 E 6567 W
517	1128 0224771	7063128	11.3.2 Poplar 15m s/m ulga VS 2m	6568
518	1129 0224551	7063128	11.9.10	

Job.....

Date 14/12/20 and 18/12/20

WK3(3)

No.	Easting	Northing	Comments	Photo
M1 @5	0729970	70597830	(v) E - E. camaldulensis - 14-22 (S) T1 - E. camaldulensis, 11.3.25 Casuarina - 6.8m Sandalwood - 6m	11.3.25 113524
M2 @6	0729973	70597412	(S) T1 - E. camaldulensis (diam 14-18) (S) T2 - sandalwood - 5-8m (v) S1 - Wilga (1-4m diam) native orange (2m ass)	20201204 144900 11.3.25
M3 @7	0729956	70597603	(S) T1 - E. camaldulensis (diam 14-18) (S) T2 - E. populnea (diam 8-10m) Casuarina (6m ass) (v) S1 - Wilga (1m)	11 145749 11.3.25
M4 @8	073039	70597910	(S) T1 - E. camaldulensis (diam 14-18) (S) T2 - E. populnea (diam 6-10m) Casuarina (sub 4-6m) Cotinus (6m ass)	11 150737 11.3.25
			Sandalwood (sub 4-6m) (v) S1 - Casuarina (1-2m) E. populnea (1m)	
M5 @9	073024	70597318	(S) T1 - E. camaldulensis (diam 14-20m) (S) T2 - C. uminalis (4-7m diam) Wilga (4-6m sub diam)	11 151537 11.3.25
			(v) S1 - C. uminalis, Wilga (50cm-1m)	
M6 @10	0730192	70597152	(S) T1 - E. camaldulensis as above	11 151955 11.2.25
M7 @11	0728730	7061893	E. camaldulensis 10-27m E. melanophloea 15-20m Casuarina 6m C. uminalis upto 1.5m, E. camaldulensis small	20201218 071318 0.5-1.5m
			start of creek from road. fields/paddock 3 sides all start of creek track.	11 11.3.25
M8 @12	0728733	7061908	as above. narrow band along creek/paddock sides	11 072500 11.3.25
M9 @13	0728181	706214	as above paddock to sides	11 073147 073150 11.3.25
M10 @14	0725217	7062302	as above paddock to both sides	11 073607 073610 11.3.25

14.12.2020

18/12/20

18/12/20

Job Angry Jungle

Date 18/12/20

No.	Easting	Northing	Comments	Photo
M11 E15	0728200	7062472	same as M10 along creek 11-3-25 both mis-adjacent to creek as follows E populus and E melanophloeum 12-20m	N 074417 S 074421 E 074426
			Casuarina up to 10m wilga up to 6m 11-3-25 Leather side of creek	W 074428
M12 E16	0728173	7062636	same as above along creek 11-3-25 paddock to west of creek with E populus and melanophloeum	N 075120 S 075124
			but not remnant can be seen easily on google maps	E 075132 W 075135
M13 E17	0728322	7062569	potential area (green) E populus and melanophloeum up to 16m wilga up to 4m	N 075847 S 075850
			E. mitchelli up to 6m small clusters of trees in open clear areas throughout, but not remnant.	E 075853 W 075858
M14 E18	0728419	7062649	potential area (green) C. cristata 10-16m (dom) E. populus 8-12m (sub) E mitchelli 4-5m wilga up to 3m sparse woodland, open in centre with only fringing trees, not remnant.	N 080543 S 080545 E 080549 W 080552
M15 E19	0728156	7062805	same as M12 along creek paddock to west of creek potential open zone to west	N 081434 S 081437 E 081441 W 081444
M16 E20	0728882	7062842	potential green area - sparse, small area E populus up to 12m, big low up to 10m C. cristata up to 10m, wilga up to 4m not remnant E mitchelli up to 4m	N 081720 S 081724 E 081728 W 081732
M17 E21	0728001	7062843	Creek E. conglobulosa 12m to 27m tall Casuarina up to 12m, C. viviparis up to 3m 11-3-25 paddock to west to east - big low, populus, wilga, mitchelli	N 082943 S 082950 E 082953 W 082958
M18 E22	0727824	7063043	creek as above but also E. melanophloeum up to 18m paddock to west to east is populus up to 15m, Casuarina up to 8m wilga to 6m 11-3-2	N 083850 S 083853 E 083856 W 083900
M19 E23	0727623	7063066	as above except road to west creek 11-3-25 to east 11-3-2	N 084407 S 084412 E 084415 W 084419

Job.....

Date 8-2-21

No.	Easting	Northing	Comments	Photo
1130	0731133	7058361	11-3-25 7-12 <i>canadensis</i> bridge Praset	6574
1131	0731055	7057495	11-3-25 8-14 <i>canadensis</i> 11000 wide bridge Praset	6575
1132	0731222	7057544	11-3-25 8-13 <i>canadensis</i> Paper Praset Cristata	6576
1133	0731434	7057672	11-3-25 12-15 <i>canadensis</i> Paper Praset Med black Praset	6577
1134	0731710	7057842	11-3-25 8-15 <i>canadensis</i> Cristata 6-8 Praset	6578
1135	0731935	7057893	11-3-25 10-14 <i>canadensis</i> Paper - Praset	6579
1136	0732228	7057903	11-3-25 10-13 <i>canadensis</i> Paper Praset 10-2	6580
1137	0732216	7057927	11-3-25 12-15 <i>canadensis</i> Paper Praset 8-10 Cristata 5-6	6581
1138	0732794	7058045	11-3-25 12-20 <i>canadensis</i> Cristata 4-6 Praset vs	6582
1139	0732492	7058098	11-3-25 14-16 <i>canadensis</i> Paper 5-10 vs	6582
1140	0732549	7058170	Pan? oxbar? 17-23 <i>canadensis</i> Polygon drawn	6583 4 5
1141	0732746	7058209	Oxbar - detritus No water No aquatic plants lined in ground	6586

No canopy

Job.....

2

Date 82-21

No.	Easting	Northing	Comments	Photo
1142	0733715	7057130	11.3.25 canadensis MD 10-17 Poplar pest cricket point	6587
1143	0733190	7058134	11.3.25 canadensis MD 16-18 Poplar point	6588
1144	0733618	7058095	11.3.2? cristata 15-17 m D canadensis point	6589
			cellitis glaucophylla 9-11 Poplar 12-14	6590
1145	0733654	7057855	NR	6591 6592
1146	0733944	7057873	11.3.2 Poplar m 8-14 cristata 5-11 S maple	6593
1147	0733936	7057857	11.3.25 canadensis 14-18 M cristata 6-10 m	6594
1148	0734174	7057629	11.3.23 canadensis 15-20 m	6595
1149	0734351	7057517	11.3.25 comed 10-13	6596
1150	0734422	7057668	Down Fringy com 10-13	6597

N
S

Job

Humpty gully

Date

9-2-21

No.	Easting	Northing	Comments	Photo
115.1	0732736	7059729	11.3.2 reg. and paper M Crestata 2-5 m	6594
115.2	0732736	7059796	NR 11.5.1 crebra vs 2-4m	6599
115.3	0732907	7059081	Ren 11.5.1 crebra 10-16 5-10	6600
115.4	0732860	7059502	11.5.1 crebra 10-4 Callitris 2-6	6601 N
115.5	0732941	7059958	11.5.1 crebra 10-4 M Callitris 4-7	6602 N
115.6	0733323	7060740	11.5.1 crebra 10-4 Bullock under way	6603
115.7	0733646	7060724	11.5.1 crebra 14-16 occ. lancewood SI. widge 3-5	6609
115.8	0733753	7060777	11.7.2 Shrubby I	6610 N
115.9	0733724	7060788	11.5.1 crebra 12-6	6611 N
116.0	0734070	7060849	Shrubby 10m-12 A Crestata 11.9.16? Poplar	6612
			Cas cristata 5-12 widge 2-4	
116.1	0733535	7061119	Crebra 11.5.1 5 12-15 Crestata Callitris	6613

Job Wumpy

Date 9-2-21

No.	Easting	Northing	Comments	Photo
1162	0734201	7061670	10-12 crebra 11.5.1 Callitris 4-6 Belah	6614 E
1163	0734493	7061916	10-12 Poplar Mod Callitris 5-10	To north 6615 E
1164	0734957	7062198	11.5.1 crebra 10-12 Poplar sub dominant Thozeliana? forest	6616 N
			Crestat 6-8 Mapped as 11.9.6	
1165	0735359	7062116	NR Poplar 8m V Callitris D 4-5 Ac. discolor Dodonaea viscosa	6617 S
1166	0735289	7061475	Melanophloeia with Poplar 6-10 11.9.2?	6618
1167	0735163	7061023	Crebra advanced regrowth 5-7m Bioindicator done	
1173	0735111	7060756	NR No cover	6629 S
1174	0735061	7060545	NR No cover	6630 S
"	"	"	Poplar low regrowth Callitris 5-	6631 W
1175	0735496	7060381	NR No cover	6632 E
1176	0735776 0735762	7060774	Tessellata intermedia Callitris 8-12	4m 6633

Job Humbly

Date 9-2-21

No.	Easting	Northing	Comments	Photo
1177	0736148	7061142	end of conymbia patch Lancewood in it	6634 W
1179 1178	0735910	7060359	11.5.1 Advanced regrowth Crabon emergent Naplar 6-7m	6640
			Callitris glauca 4-6m	
1180	0734607	7060484	NR No cover	6641
1191	0734496	7061065	11.5.1 Crabon 16-18m VS Callitris 5-6m	6642
1182	0734444	7061234	11.5.1 Crabon 11-16m Callitris 6-9 Conymbia present	6643
1183	0734254	7060428	NR No cover	6644 W
1194	0733880	7060121	NR	6645 S
			11.5.1 crabon on both sides 10-14m Callitris under	
1185 5811	0733643	7069743	NR No cover Not functional Senna	6646
1186	0733507	7059375	NR not functional	6647
1187	0733404	7059339	Lancewood 8-10m Paplar present	6648 S

NR NR no cover

Job: Kings gully

Date: 9/2/21

No.	Easting	Northing	Comments	Photo
1179	0733076	7057344	Lancewood 10m M Melospiza 10-14 11.5-5?	6649 N
			N.R	6650 E
1180	0733568	7059018	Cedar 8-10 Callitris 4-6 Lancewood present	6651 W
1181	0733650	7058780	NR cedar 5-6 Ac decora 2.5-3 M	6652
1082	0734261	7058800	NR constant - recently pulled	6653
1083	0734292	7059204	Mapped 11.9.5 recently pulled No cover NR	6654 5 6
1084	0734616	7059035	Not mapped recently pulled mapped recent	6659 7 8
1085	0734836	7059183	Mapped as recent Not recent no cover not recent to west	6660 E 6661
1086	0734965	7059917	Cedar 14-16 m 11.5.1 Callitris 4-6	6662 3
			East NR mapped as 11.5.1 No canopy	6662
1087	0736508	7057056	Poplar 10-16m Buffed under	6674 S
1088	0736277	7057693	11.5.5 mel Tlozetua open woodland Callitris middle 6-8	6675

1189

1190

91

12

93

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97

98

Job

Date 9-2/21

No.	Easting	Northing	Comments	Photo
1201 1202	0735287	4058783	11.3.2 poplar 12-13 m canalchensis present cuttings under 5-7	6676 S
1203	0735452	4058988	NR low regrowth cuttings under	6677 W
1204				
1205	0735274	4058715	NR	6683
1206	0735400	4058946	11.3.25 Canalchensis Vs 10m 8-10m 11.3.2 poplar 10-14m to cut	6684
1207	0734985	4059510	11.3.25 canalchensis Narrow	6686
1208	0735117	4058223	11.3.2 poplar 14-16 cuttings under	6687 W
1209	0732870	4057655	11.5.5 poplar Melaleuca	6688 W
1210	0735017	4059240	11.3.25 25m Canalchensis present mel vum in bed 6m	6689
1211	0735224	4058400	11.3.25 canalchensis 22m mel vum in bed 6-7m	6690
1212	0735397	4057620	11.3.25 canalchensis 25m mel vum in bed 6-7	6691
1213	0735311	4058443	11.3.25 canalchensis 24 mel vum in bed 6-7 bit of a broadleaf bit	6692

10-2-21

285 041

Job

Date... 10-22-1

No.	Easting	Northing	Comments	Photo
1215	0733571	7055865	Cas cristata 6-7m Dense 12m well ~ 5cm long line down ground	6694
1217	0738626	7058924	11.3.25 conchidulense 22-24 well unimbed Angelen Floribunda Prinet	6700
1218	0735196	7059076	Cas cristata more pebbles SW	6701
1219	0735607	7059176	11.3.25 conchidulense medium in bed paper prinet	6702
1			Fossiliferous prinet Cas. cr. mon Fossiliferous	6703
1220	0738601	7059554	11.3.25 Ren	6704
1221	0737415	7059777	11.3.25 Ren Ang-Floribunda common	6705
1222	0732181	7060166	11.3.25 Ren 11-17m	6706
1223	0737900	7060442	11.3.25 Ren 12-15m	6707
1224	0737567	7060213	11.3.25 Ren 20-22m	6708
1228	0728019	7061556	11.9.5 brigdeni unimbed poor condition Brigden VS SW	6719 E
			Brachyton sm conchidulense wilga Ground 100% buffer	

Job.....

Date..... 10-2-21

No.	Easting	Northing	Comments	Photo
1234	0734912	7051237	11.3.25 Pennant Cauldrons to 16m	6736
1235	0735123	7051341	11.3.25 Pennant Cauldrons to 20m	6737
1237	0734817	7051484	11.3.25 Pennant 20m Cauldrons Frige of calcareous 10m and	6738
1238	0734588	7051332	11.3.25 Pennant 20	6739
1239	0734354	7051520	11.3.25 Pennant 4m	6740
1240	0734300	7051710	11.3.25 Pennant 20m	6741
1245	0734127	7051957	11.3.25 Pennant 4	6747
1246	0734291	7051699	Same as site 1242 but thinner Mycell	6748
1251	0735051	7051718	Low sparse Poplar growth Poplar 6-10 S Cauldrons glaze vs under 3.5 no scrub Sound varied native grasses biffel common	6759
1252	0735040	7051694	Cauldrons 6-8 m Occ. Insectivora beccarpa - 10m	6761
1259	0735245	7051848	11.5.5 low melanophloe 10m Poplar present	6767

11-2-21

NR No cover 6768 N

Job.....

Date..... 11-2-21

No.	Easting	Northing	Comments	Photo
1266	0735162	7057010	NK small patch maybe 6 trees	Paplar 8m 6774
1267	0734185	7057179	Dam - man made fringing canal myall present	6775
1268	0734559	7057057	Paplar forest depression with lot of down we not	6776N
1270	0734324	7056925	1/2 Paplar 1-2 myall 5-10 Scull	6777 S
			ground elevated by talud & urea	6778 S
1271	0734537	7056849	11.3.25 Remot Cereals 24m	6779 S
1272	0734500	7056523	11.3.25 Canal 15m Myall - 1 tree wide on edge	6780 S
1273	0736166	7057691	Small patch of cristan maybe 20 stems	6781 S
1274	0736247	7057634	Cristata 10m Bogofyllona present	6782 S
1276	0736297	7057640	11.3.25 canal 25m hem	6783 E
1277	0736376	7057909	11.3.25 canal 10m 20m	6784 E
1324	0735756	7057627	11.3.2 paplar 14-15m callitris with kaloke	6800 W
1326		7058927	11.3.2 paplar 18m	6801 S

Job: Myalla

Date: 20-3-21

No.	Easting	Northing	Comments	Photo
1346	0730146	709859	11.3.25 remnant remnant Ceratoderis to 20m occasional Poplar	6849
1347	0730303	7099151	11	6850
1352			11.7.7 remnant fibrosa 12m	
1365	0738644	7063849	Mapped 11.5.1 - young died Biscardulobis but large rocky Panicum present	6898 E 6899
1378	0733057	7060788	Low regrowth Callitris Cabra 10m Alloc lehmertii	6900 6946
1379	0732820	7060992	11.5.1 low regrowth Cabra 10-12 cristata Callitris	6947 W 6948 N
1380	0732663	7061141	11.5.5 Melaleuca VS 8m Low regrowth NR very young regrowth to N	6949 W 6950
1391	0732294	7061202	11.9.10 Poplar 8-10 S cristata vulgaris	6951
1393	0732072	7061141	Low regrowth 11.9.10 11.5.1 2 Cabra populnea 5m cristata	6957 W 6958 E
1384	0731839	7061061	11.5.1 Cabra 10-12 S/mid Callitris 4-5 Middle Low regrowth east D Street done 11.9.5	6959 W
1396	0731766	7060935	11.9.5 hoppers 1m bulake + occ Cabra surrounded small patch < 0.5ha Shirley	6968
1387	0731866	7060925	Shirley 11 10m D Occ Eneset Cabra	6969

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 1382 Recorder: DS NA Day/Date: 6-3-21
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Myalla
 GPS: 55 0732289 70 1165 D 69A94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	10	8-10	S
T1	6	5-6	M
T2		-	
T3		-	
S1	2	2-3	
S2		-	
G	05	0-05	

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>E. populnea</i>
		<i>Casuarina cristata</i>
T2	D	<i>Casuarina cristata</i>
S1	D	<i>G. parrivola</i>
		<i>D. donax</i>
G		<i>A. capillaris</i>
		<i>A. ramosa</i>
		<i>S. australis</i>

N 6952
 S 6953
 E 6954
 W 6955
 C 6956

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Hills
 Landform: top of hill
 Soils: Brown clay - ironstone
 Field observation and notes: _____
 Landzone: 9

RE Code changes

Existing RE code: 11.9.5/11.9.10
 Proposed RE code: 11.9.10

END

Habitat Characters - Abundance

Site No. <u>137</u>	Recorder: _____	Day/Date: <u>4-3-21</u>
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>Myall</u>		
GPS coordinates: Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="2"/> <input type="text" value="9"/> N <input type="text" value="3"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="1"/> <input type="text" value="1"/> <input type="text" value="6"/> <input type="text" value="5"/> Datum: <u>GDA94</u>		

	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	
Fallen logs (>10cm diam.)	5	
Decorticating bark	2	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	5	
Bare ground	6	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key:
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

A 3.3 Sheet D - Regional Ecosystem type assessment site

Location

Site No. 1385 Recorder: DS NA Day/Date: 4-5-21
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Myalla
 GPS: 1385 55 0731862 70-1039 D 6A 94

N 6963
 S 6964
 E 6965
 W 6966
 C 6967

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	11	11 - 14	1
T1	8	7 - 9	5
T2	11	4 - 5	13
T3		-	
S1	1	0.8 - 1	✓
S2		-	
G	0.3	0 - 0.4	5

Structural formation: (including height) _____
 Ecologically dominant layer: _____

Plant species

Record relative (numerical) dominance for each stratum; d - dominant; c - co-dominant; s - subdominant, a - associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Lehmannia pectinata</i>
	c	<i>Allocasuarina leichmannii</i>
T2	D	Allocasuarina <i>Callitris glaucophylla</i>
		<i>Allocasuarina leichmannii</i>
S1		Allocasuarina (<i>Allocasuarina</i>) <i>erythrophloea</i> sp.
G		<i>Arctostaphylos cuneata</i> <i>Myrsine australis</i> <i>Leucophaea sericea</i> <i>Arctostaphylos capillaris</i> <i>Abutilon oxycarpum</i> <i>Eriachne</i> sp. <i>Capillipedium spicigerum</i>

Geology and/or soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: hills
 Landform: hill top
 Soils: light brown clay
 Field observation and notes: _____
 Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: unmapped 11.4.5

END

Habitat Characters - Abundance

Site No. <u>1385</u>	Recorder: <u>HA DS</u>	Day/Date: <u>1/13</u>
Purpose: _____		
Locality: (Inc. distance/direction to nearest town) <u>Myoja</u>		
GPS coordinates: Zone <u>55</u> E <u>0731862</u> N <u>7061039</u> Datum: <u>WGS84</u>		

	Abundance (0-7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	5	
Decorticated bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	3	
Bare ground	4	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 1389 Recorder: DS Hill Day/Date: 4-3-21

Purpose: _____

Locality: (inc. distance/direction to nearest town) Myalla

GPS: 1399 SS 0732932 1060806 D 6974

N 6977
S 6976
E 6974
W 6970
G 6981

Vegetation structure
Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E		-	
T1	16	14-21	S
T2	10	8-10	M
T3		-	
S1	15	1-2	S
S2		-	
G	0.3	0-0.5	

Structural formation: (including height) _____

Ecologically dominant layer: _____

Plant species
Record relative (numerical) dominance for each stratum;
d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	E-Crebra
T2	D	Ac. Shirkeyi
S1		Eucalyptus sp.
		Alstonia constricta
G		Paspalum distans Lycopodium mitchellii Aristida capillaris Mentzelia oxycarpa Aristida capillaris Eriochloa sp. Gahnia sp. ^{seibiana?} Aristida uncinata

Geology, landform, soils

Geology map/scale/year: _____

Geology code and rock types: _____

Land system: Hills

Landform: slope

Soils: Brown clay

Field observation and notes: _____

Landzone: 5

RE codes changes

Existing RE code: 11.5-B

Proposed RE code: 11.5-1

END

Habitat Characters - Abundance

Site No. <u>1349</u>	Recorder: <u>DS NA</u>	Day/Date: <u>4-2-21</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Nyalla</u>		
GPS coordinates: Zone <u>5</u> <u>S</u> E <u>0</u> <u>4</u> <u>5</u> <u>1</u> <u>9</u> <u>3</u> <u>7</u> N <u>7</u> <u>0</u> <u>6</u> <u>0</u> <u>8</u> <u>0</u> <u>6</u> Datum: <u>GDA94</u>		

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	7	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	4	
Bare ground	3	
Grass	4	
Soil cracks	0	
Stones (20-80cm)	1	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Appendix D

Field Survey Site Data: Fauna Habitat Site Sheets

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1740

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	5	
Decorticating bark	3	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	5	
Bare ground	4	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____ Recorder: _____	Day/Date: _____
Purpose _____	
Locality: (inc. distance/direction to nearest town) _____	
GPS coordinates: Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Datum: _____	

1747

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	3	
Decorticating bark	3	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	4	
Bare ground	4	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 9 Recorder: A DANIEL Day/Date: 23/11/2020
 Purpose: D22
 Locality: (inc. distance/direction to nearest town) WYENA
 GPS coordinates: Zone 5 S E 0 0 7 5 7 N 7 0 6 1 6 3 4 Datum: GA 94
739245

1744
5954/5

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	Some
Fallen logs (>10cm diam.)	5	Previous logging of fallen timber & log abundance
Decorticating bark	3	Callitris mainly young large Melaleuca
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	2	Sandy grass cover is native but sparse
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>10</u>	Recorder: <u>A BANIK</u>	Day/Date: <u>23/11/2020</u>
Purpose <u>S22</u>		
Locality: (inc. distance/direction to nearest town) <u>WIENNA</u>		
GPS coordinates: Zone 5 5 E 0 7 3 9 5 4 3 N 7 0 6 1 5 8 3 Datum: <u>W'94</u>		

1747

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	6	
Decortivating bark	2	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	3	
Bare ground	6	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1748

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	7	
Decorticating bark	4	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	4	
Bare ground	4	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1758

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	4	
Decorticating bark	4	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	4	
Bare ground	4	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>19</u>	Recorder: <u>A. BANIKAL</u>	Day/Date: <u>23/11/2020</u>
Purpose: <u>SD22</u>		
Locality: (inc. distance/direction to nearest town) <u>WIKAJA</u>		
GPS coordinates: Zone 5 5 E 0 7 4 0 4 6 3 N 7 0 6 3 7 4 6 Datum: _____		

1765

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	7	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	4	
Bare ground	7	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	2 3	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1766

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	4	
Decortivating bark	4	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	6	
Bare ground	4	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>15</u>	Recorder: <u>A. Daniel</u>	Day/Date: <u>23/11/2020</u>
Purpose: <u>SIDZ</u>		
Locality: (inc. distance/direction to nearest town) <u>WYENA</u>		
GPS coordinates: Zone 5 5 E 0 7 4 0 2 9 4 N 7 6 6 3 0 6 1 Datum: _____		

766
59913

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	6	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	7	
Bare ground	4	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	3	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1767

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	5	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	4	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	3	
Boulders (61cm-2m)	4	
Large boulders (>2m)	0	
Rock crevices	3	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1783

	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	
Fallen logs (>10cm diam.)	4	
Decorticating bark	4	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	4	
Bare ground	2	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1830

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	2	
Decorticating bark	3	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	3	
Bare ground	4	
Grass	2	
Soil cracks	1	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1831

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	5	
Decorticating bark	2	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	5	
Bare ground	2	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	4	
Boulders (61cm-2m)	4	
Large boulders (>2m)	4	
Rock crevices	3 2	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

1871

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	5	
Decorticating bark	4	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	4	
Grass	4	
Soil cracks	2	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

WK 1

Habitat Characters - Abundance

Site No. 1 Recorder: DS MH Day/Date: 23/11/20
 Purpose
 Locality: (inc. distance/direction to nearest town) wallumbilla
 GPS coordinates: Zone 55 E 072 ~~32~~ N Datum: 766
 3426 7059757

766

	Abundance (0-7)	Notes
Hollows in trees & stags	4	Large hollows in ironbark
Fallen logs (>10cm diam.)	7	Acacia shallegii present
Decorticating bark	1	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	4	
Bare ground	6	
Grass	5	
Soil cracks	1	
Stones (20-60cm)	5	
Boulders (61cm-2m)	5	
Large boulders (>2m)	5	
Rock crevices	5	
Exfoliating rock	3	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>3</u>	Recorder: <u>DS</u> <u>MN</u>	Day/Date: <u>24/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Wallumbilla</u>		
GPS coordinates: Zone <u>54</u> E <u>0723298</u> N <u>7059689</u>		Datum: <u>772</u>

Habitat Character	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	1	
Decorticating bark	1	
Course litter (>2cm diam.)	1	
Fine litter (<2cm diameter)	2	
Bare ground	3	
Grass	6	Dominated by buffel
Soil cracks	1	
Stones (20-60cm)	3	Lots of rock < 20cm
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No.	4	Recorder:	DS	MH	Day/Date:	24/11/20	
Purpose							
Locality: (inc. distance/direction to nearest town)	Wallumbilla						
GPS coordinates:	Zone	55	E	0723327	N	7059622	Datum: ^{WGS} 773

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	7	
Decorticating bark	2	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	7	
Bare ground	4	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	4	lots of stones 420
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>5</u>	Recorder: <u>DS MH</u>	Day/Date: <u>24/11/20</u>
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>Wadhwanville</u>		
GPS coordinates: Zone 5 5 E 0 7 2 4 0 1 9 N 7 0 5 9 9 0 0 Datum: <u>AGD 94</u>		

wpt 783

783

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	6	
Decorticating bark	3	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	7	
Bare ground	5	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	1	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 6 Recorder: DS+MH Day/Date: 24/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Wollumbulah
 GPS coordinates: Zone 5 S E 0 7 2 4 3 0 1 N 7 0 5 9 7 5 S Datum: _____
784

784

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	4	
Decorticating bark	3	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	2	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No.	7	Recorder:	DS + MH	Day/Date:	24/11/2020															
Purpose																				
Locality: (inc. distance/direction to nearest town)	Waltumbulah																			
GPS coordinates:	Zone	5	S	E	0	7	2	4	4	6	1	N	7	0	8	9	7	8	0	Datum:
wp 785																				

photo no. =

785

	Abundance (0 - 7)	Notes
Hollows in trees & stags	4	
Fallen logs (>10cm diam.)	4	
Decorticating bark	3	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	3	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	4 6	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>8</u>	Recorder: <u>DS</u> <u>MN</u>	Day/Date: <u>24/11/20</u>
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>Wallumbilla</u>		
GPS coordinates: <u>786</u>	Zone <u>55</u> E <u>0729607</u> N <u>7059860</u>	Datum: <u>AGD94</u>

786

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	6	
Decorticating bark	3	
Course litter (>2cm diam.)	7	
Fine litter (<2cm diameter)	7	
Bare ground	3	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	5	
Boulders (61cm-2m)	2	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>9</u>	Recorder: <u>MAH, OS</u>	Day/Date: _____
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Wallambulla</u>		
GPS coordinates: <u>789</u>	Zone 5 S E 0 7 2 3 7 2 3 N 7 0 6 3 6 1 4	Datum: _____

789

	Abundance (0 - 7)	Notes
Hollows in trees & stags	4	
Fallen logs (>10cm diam.)	4	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	6	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	6	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>10</u>	Recorder: <u>DS MH</u>	Day/Date: <u>24/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Walgavale</u>		
GPS coordinates: Zone <u>55</u> E <u>0724649</u> N <u>1032521</u>		Datum: <u>AGD 94</u>

Wpt 797

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	3	occasional large fallen poplar
Decorticating bark	1	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	5	
Bare ground	7	
Grass	1	No ground cover
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 12 Recorder: DS MA Day/Date: 24/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) _____
 GPS coordinates: Zone 55 E 0724646 N 7062891 Datum: AGD 94
wpt 799

799

	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	sun big dead poplars
Fallen logs (>10cm diam.)	5	
Decorticating bark	1	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	3	
Bare ground	4	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 13	Recorder: DS MH	Day/Date: 20/11/20
Purpose: _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates: 800	Zone 5S E 0724725 N 7063085	Datum: AGD94

Habitat Character	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	
Fallen logs (>10cm diam.)	5	
Decorticating bark	2	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	6	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 14 Recorder: DS MH Day/Date: 25/11/20
 Purpose _____
 Locality: (inc. distance/direction to nearest town) Boorderoo
 GPS coordinates: Zone 5 S E 0 7 2 4 0 3 8 N 7 0 5 8 6 6 Datum: _____

905

	Abundance (0 - 7)	Notes
Hollows in trees & stags	<i>1</i>	
Fallen logs (>10cm diam.)	<i>2</i>	
Decortivating bark	<i>1</i>	
Course litter (>2cm diam.)	<i>5</i>	
Fine litter (<2cm diameter)	<i>6</i>	
Bare ground	<i>6</i>	
Grass	<i>1</i>	
Soil cracks	<i>0</i>	
Stones (20-60cm)	<i>0</i>	
Boulders (61cm-2m)	<i>0</i>	
Large boulders (>2m)	<i>0</i>	
Rock crevices	<i>0</i>	
Exfoliating rock	<i>0</i>	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>15</u>	Recorder: <u>MH-DS</u>	Day/Date: <u>25/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Pukia</u>		
GPS coordinates: <u>418</u>	Zone 5 5 E 0 7 2 4 7 3 0 N 7 0 5 8 6 4 6	Datum: _____

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	3	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No.	15A	Recorder:	DS	MH	Day/Date:	25/11/20															
Purpose																					
Locality: (inc. distance/direction to nearest town)	13.1km																				
GPS coordinates:	Zone	5	S	E	0	7	2	6	7	7	2	N	7	0	5	8	9	1	5	Datum:	AGD 94
	wpt 415																				

	Abundance (0 - 7)	Notes
Hollows in trees & stags	4	
Fallen logs (>10cm diam.)	5	
Decorticating bark	4	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	4	
Bare ground	6	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	6	
Boulders (61cm-2m)	6	
Large boulders (>2m)	6	
Rock crevices	3	
Exfoliating rock	1	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>16</u>	Recorder: <u>DS MA</u>	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>Wilgavale</u>		
GPS coordinates: Zone 5 S E 0 7 2 4 6 9 8 N 7 0 6 0 2 8 6		Datum: <u>AGD94</u>

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	6	
Decorticating bark	6	Highly decayed timber. lots of old dead, standing timber
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	4	
Bare ground	5	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>17</u>	Recorder: <u>DS MK</u>	Day/Date: <u>25/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>wilgavale</u>		
GPS coordinates: Zone 5 5 E 0 7 2 5 7 9 1 N 7 0 3 3 4 Datum: _____		

827

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	6	
Decorticating bark	1	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	5	
Bare ground	6	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>18</u>	Recorder: <u>MW JS</u>	Day/Date: <u>26/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Wilgocvale</u>		
GPS coordinates: <u>833</u>	Zone <input type="text" value="5"/> <input type="text" value="E"/> <input type="text" value="0"/> <input type="text" value="7"/> <input type="text" value="2"/> <input type="text" value="4"/> <input type="text" value="2"/> <input type="text" value="2"/> <input type="text" value="S"/> N <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="9"/> <input type="text" value="7"/> <input type="text" value="9"/>	Datum: _____

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	7	
Decorticating bark	3	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>19</u>	Recorder: <u>DK</u> <u>MW</u>	Day/Date: <u>26/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>wilga vale</u>		
GPS coordinates: Zone <u>5</u> <u>S</u> E <u>0</u> <u>7</u> <u>2</u> <u>5</u> <u>1</u> <u>5</u> <u>9</u> N <u>7</u> <u>0</u> <u>6</u> <u>1</u> <u>2</u> <u>3</u> <u>2</u>		Datum: <u>AGD94</u>

	Abundance (0 - 7)	Notes
Hollows in trees & stags		
Fallen logs (>10cm diam.)		
Decorticating bark		
Course litter (>2cm diam.)		
Fine litter (<2cm diameter)		
Bare ground		
Grass		
Soil cracks		
Stones (20-60cm)		
Boulders (61cm-2m)		
Large boulders (>2m)		
Rock crevices		
Exfoliating rock		

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>20</u>	Recorder: <u>DS</u> <u>MH</u>	Day/Date: <u>29/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Wilga vale</u>		
GPS coordinates: <u>apt 847</u>	Zone 55 E 07 24 35 9 N 90 61 66 4	Datum: <u>AGD94</u>

	Abundance (0 - 7)	Notes
Hollows in trees & stags	5	
Fallen logs (>10cm diam.)	3	
Decorticating bark	3	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>21</u>	Recorder: <u>DS MH</u>	Day/Date: <u>26/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>W. Gavale</u>		
GPS coordinates: <u>npt 852</u> Zone 5 5 E 0 7 2 4 0 5 1 N 7 0 6 2 0 3 8		Datum: <u>1094</u>

	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	
Fallen logs (>10cm diam.)	3	
Decorticating bark	2	
Course litter (>2cm diam.)	2	
Fine litter (<2cm diameter)	4	
Bare ground	5	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No.	22	Recorder:	DS MH	Day/Date:	26/11/20															
Purpose																				
Locality: (inc. distance/direction to nearest town)	Wilga vale																			
GPS coordinates:	Zone	5	E	0	7	2	3	9	5	8	N	7	0	6	1	7	8	5	Datum:	AGD94

053

	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	
Fallen logs (>10cm diam.)	4	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>23</u>	Recorder: <u>DS MH</u>	Day/Date: <u>26/11/20</u>
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>Wilga vale</u>		
GPS coordinates:	Zone <u>55</u> E <u>0723319</u> N <u>7032634</u>	Datum: <u>AGD 94</u>

wpt 054

	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	
Fallen logs (>10cm diam.)	3	
Decorticating bark	2	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	6	
Boulders (61cm-2m)	3	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Commo 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 24 Recorder: DS MN Day/Date: 26/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Wilgavale
 GPS coordinates: Zone 5 S E 0 7 2 3 4 2 8 N 7 0 8 2 5 6 5 Datum: AGD94

856

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	2	
Decorticating bark	1	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	4	
Bare ground	6	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>25</u>	Recorder: <u>MH + DS</u>	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>W. Igavale</u>		
GPS coordinates: <u>895</u>	Zone 5 S E 0 7 2 3 1 0 9 N 7 0 5 2 2 6 8	Datum: _____

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	4	
Decorticating bark	2	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 26 **Recorder:** MH-DS **Day/Date:** 22/11/20
Purpose: _____
Locality: (inc. distance/direction to nearest town) Ulgavale
GPS coordinates: Zone 5 S E 0 7 2 3 6 1 3 N 7 0 6 2 1 1 0 **Datum:** _____
860

N 6051
 S 6052
 E 6053
 W 6054
 G 6055

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	4	
Decorticating bark	3	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	7	
Boulders (61cm-2m)	3	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. 27 Recorder: DS MH Day/Date: 27/11/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Wigavake
 GPS coordinates: Zone 5S E 0723018 N 7065951 Datum: AGD 74
Wp1 865

	Abundance (0 - 7)	Notes
Hollows in trees & stags	3	
Fallen logs (>10cm diam.)	2	
Decorticating bark	3	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0 4	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>28</u>	Recorder: <u>MH DS</u>	Day/Date: <u>27/11/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Wilgand</u>		
GPS coordinates: <u>867</u>	Zone <u>5</u> <u>S</u> <u>E</u> <u>0</u> <u>7</u> <u>2</u> <u>4</u> <u>0</u> <u>7</u> <u>4</u> <u>N</u> <u>7</u> <u>0</u> <u>6</u> <u>1</u> <u>4</u> <u>3</u> <u>2</u>	Datum: _____

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	3	
Decorticating bark	4	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	3	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

WK2

Habitat Characters - Abundance

Site No. _____ Recorder: _____ Day/Date: _____

Purpose _____

Locality: (inc. distance/direction to nearest town) _____

GPS coordinates: Zone E N Datum: _____

WPT 878

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	6	
Decorticating bark	34	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	4	
Boulders (61cm-2m)	1	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 892

	Abundance (0 - 7)	Notes
Hollows in trees & stags	4	
Fallen logs (>10cm diam.)	5	
Decorticating bark	5	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	4	
Bare ground	6	
Grass	7	
Soil cracks	0	
Stones (20-60cm)	1	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 901

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	1	
Decorticating bark	1	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	6	
Bare ground	6	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 909

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	5	
Decorticating bark	2	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	4	
Bare ground	7	
Grass	1	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone 5 5 E 0 7 2 6 3 2 3 N 7 0 6 1 1 2 4	Datum: _____

WPT 943

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	6	
Decorticating bark	2	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	5	
Bare ground	6	
Grass	1	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____ **Recorder:** _____ **Day/Date:** _____
Purpose _____
Locality: (inc. distance/direction to nearest town) _____
GPS coordinates: Zone E N **Datum:** _____

WPT 983

	Abundance (0 - 7)	Notes
Hollows in trees & stags	6	
Fallen logs (>10cm diam.)	5	
Decorticating bark	5	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	4	
Bare ground	6	
Grass	2	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT978

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	3	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 968

	Abundance (0 - 7)	Notes
Hollows in trees & stags	5	
Fallen logs (>10cm diam.)	4	
Decorticating bark	4	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	6	
Bare ground	3	
Grass	7	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key
 0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT B

	Abundance (0 - 7)	Notes
Hollows in trees & stags	6	
Fallen logs (>10cm diam.)	5	
Decorticating bark	6	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	6	
Bare ground	2	
Grass	7	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

N 6266
 S 6267
 E 6268
 W 6269
 G 6270
~~W 6271~~

WK3

Habitat Characters - Abundance

Site No. 419 Recorder: JS MH Day/Date: 15/12/20

Purpose

Locality: (inc. distance/direction to nearest town) Myalla

GPS coordinates: Zone 55 E 0732993 N 7060302 Datum: GDA 94

411014

	Abundance (0 - 7)	Notes
Hollows in trees & stags	6	Emergent crevices largely serotiny
Fallen logs (>10cm diam.)	1	
Decorticating bark	1	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>420</u>	Recorder: <u>DS MH</u>	Day/Date: <u>13/12/20</u>
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>Myalla</u>		
GPS coordinates: Zone <u>55</u> E <u>0732689</u> N <u>7059819</u> Datum: _____		

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	5	
Decorticating bark	2	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>423</u>	Recorder: <u>DS MN</u>	Day/Date: <u>15/12/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Myrtle</u>		
GPS coordinates:	Zone <u>55</u> E <u>0732786</u> N <u>7059380</u>	Datum: <u>GDA94</u>

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	5	
Decorticating bark	1	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>495</u>	Recorder: <u>DS MH</u>	Day/Date: <u>17/12/20</u>
Purpose _____		
Locality: (inc. distance/direction to nearest town) <u>Angry Jungle</u>		
GPS coordinates: <u>1104</u>	Zone <u>5</u> <u>S</u> E <u>0</u> <u>3</u> <u>3</u> <u>0</u> <u>4</u> <u>8</u> N <u>7</u> <u>0</u> <u>6</u> <u>2</u> <u>2</u> <u>4</u> <u>4</u>	Datum: <u>GDA 94</u>

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	0	
Decorticating bark	-	
Course litter (>2cm diam.)	0	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. <u>504</u>	Recorder: <u>DS</u>	<u>MH</u>	Day/Date: <u>17/12/20</u>																
Purpose: _____																			
Locality: (inc. distance/direction to nearest town) <u>Angry Jungle</u>																			
GPS coordinates: Zone <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>5</td><td>S</td></tr></table> E <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>0</td><td>7</td><td>2</td><td>9</td><td>3</td><td>0</td><td>9</td></tr></table> N <table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td>4</td><td>0</td><td>6</td><td>4</td><td>6</td><td>7</td><td>1</td></tr></table> Datum: <u>GD194</u>				5	S	0	7	2	9	3	0	9	4	0	6	4	6	7	1
5	S																		
0	7	2	9	3	0	9													
4	0	6	4	6	7	1													

	Abundance (0-7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	4	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	6	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

A 3.3 Sheet D – Regional Ecosystem type assessment site

Location

Site No. 514 Recorder: DS Day/Date: 18/12/20
 Purpose: _____
 Locality: (inc. distance/direction to nearest town) Arany Singh
 GPS: 1125 55 0728342 7863391 D 6DA 94

Vegetation structure

Median height of the EDL is to be measured

Stratum	Median height	Height interval	Est. cover density (D,M,S,V)
E	6	6-7	✓
T1	4	4-5	M
T2		-	
T3		-	
S1		-	
S2		-	
G		< 0.4	D

Structural formation: (including height) _____
 Ecologically dominant layer: _____

N 6556
 S 6557
 E 6558
 W 6559
 G 6560

Plant species

Record relative (numerical) dominance for each stratum;
 d – dominant; c – co-dominant; s – subdominant, a – associated.

Str.	Rel. dom.	Scientific Name
T1	D	<i>Ac. hypophylla</i>
E	D	<i>E. populnea</i>
G	D	<i>Cedrus deodora</i>

Geology, landform, soils

Geology map/scale/year: _____
 Geology code and rock types: _____
 Land system: Downs
 Landform: Bottom of slope
 Soils: _____
 Field observation and notes: No shrub layer
Ground 100% bare Landzone: 9

RE code changes

Existing RE code: _____
 Proposed RE code: Not mapped
11.9.5a regrowth

END

Habitat Characters - Abundance

Site No. <u>514</u>	Recorder: <u>D3</u>	Day/Date: <u>18/12/20</u>
Purpose: _____		
Locality: (inc. distance/direction to nearest town) <u>Angry Singh</u>		
GPS coordinates: <u>1125</u>	Zone <u>5</u> <u>S</u> E <u>0</u> <u>7</u> <u>2</u> <u>8</u> <u>0</u> <u>4</u> <u>2</u> N <u>7</u> <u>0</u> <u>6</u> <u>3</u> <u>3</u> <u>9</u> <u>1</u>	Datum: <u>GDN 94</u>

	Abundance (0 - 7)	Notes
Hollows in trees & stags	0	
Fallen logs (>10cm diam.)	1	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	2	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 996

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	2	
Decorticating bark	1	
Course litter (>2cm diam.)	2	
Fine litter (<2cm diameter)	7	
Bare ground	5	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	5	
Boulders (61cm-2m)	5	
Large boulders (>2m)	5	
Rock crevices	2	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT1000

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	1	
Decorticating bark	1	
Course litter (>2cm diam.)	3	
Fine litter (<2cm diameter)	2	
Bare ground	4	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	6	
Boulders (61cm-2m)	3	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 1001

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	1	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 1003

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	5	
Decorticating bark	3	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	3	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 100A

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	5	
Decorticating bark	2	
Course litter (>2cm diam.)	5	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 1005

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	7	
Decorticating bark	2	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	5	
Bare ground	5	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	6	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 102%

	Abundance (0 - 7)	Notes	
Hollows in trees & stags	3		
Fallen logs (>10cm diam.)	5		
Decortivating bark	3		
Course litter (>2cm diam.)	5		
Fine litter (<2cm diameter)	5		
Bare ground	5		
Grass	4		
Soil cracks	2		
Stones (20-60cm)	0		
Boulders (61cm-2m)	0		
Large boulders (>2m)	0		
Rock crevices	0		
Exfoliating rock	0		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 1034

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	6	
Decorticating bark	2	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	3	
Grass	5	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text" value=""/> E <input type="text" value="0"/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> N <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	Datum: _____

WPT/055

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	4	
Decorticating bark	3	
Course litter (>2cm diam.)	4	
Fine litter (<2cm diameter)	5	
Bare ground	1	
Grass	7	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 10586

	Abundance (0 - 7)	Notes
Hollows in trees & stags	2	
Fallen logs (>10cm diam.)	4	
Decorticating bark	3	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	5	
Bare ground	4	
Grass	4	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 1059

	Abundance (0 - 7)	Notes	
Hollows in trees & stags	6		
Fallen logs (>10cm diam.)	5		
Decorticating bark	2		
Course litter (>2cm diam.)	6		
Fine litter (<2cm diameter)	5		
Bare ground	5		
Grass	5		
Soil cracks	3		
Stones (20-60cm)	0		
Boulders (61cm-2m)	0		
Large boulders (>2m)	0		
Rock crevices	0		
Exfoliating rock	6		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WP11064

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	5	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	3	
Grass	7	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates: Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Datum: _____		

WPT 1067

Habitat Character	Abundance (0 - 7)	Notes	
Hollows in trees & stags	1		
Fallen logs (>10cm diam.)	6		
Decorticating bark	5		
Course litter (>2cm diam.)	6		
Fine litter (<2cm diameter)	6		
Bare ground	4		
Grass	5		
Soil cracks	0		
Stones (20-60cm)	0		
Boulders (61cm-2m)	0		
Large boulders (>2m)	0		
Rock crevices	0		
Exfoliating rock	0		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 1069

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	5	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	6	
Bare ground	5	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> <input type="text"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT 1124

	Abundance (0 - 7)	Notes
Hollows in trees & stags	1	
Fallen logs (>10cm diam.)	1	
Decorticating bark	1	
Course litter (>2cm diam.)	6	
Fine litter (<2cm diameter)	4	
Bare ground	4	
Grass	6	
Soil cracks	0	
Stones (20-60cm)	0	
Boulders (61cm-2m)	0	
Large boulders (>2m)	0	
Rock crevices	0	
Exfoliating rock	0	

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Habitat Characters - Abundance

Site No. _____	Recorder: _____	Day/Date: _____
Purpose _____		
Locality: (inc. distance/direction to nearest town) _____		
GPS coordinates:	Zone <input type="text" value="5"/> E <input type="text" value="0"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> N <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Datum: _____

WPT1129

	Abundance (0 - 7)	Notes	
Hollows in trees & stags	1		
Fallen logs (>10cm diam.)	3		
Decorticating bark	1		
Course litter (>2cm diam.)	5		
Fine litter (<2cm diameter)	4		
Bare ground	6		
Grass	4		
Soil cracks	0		
Stones (20-60cm)	0		
Boulders (61cm-2m)	0		
Large boulders (>2m)	0		
Rock crevices	0		
Exfoliating rock	0		

Abundance key

0 = Nil 4 = Occasional to common 1 = Rare 5 = Common 2 = Rare to Occasional 6 = Common to Abundant 3 = Occasional 7 = Abundant

Appendix E

Field Survey Site Data: BioCondition Site Sheets

Biocondition Datasheet										
Site ID	914			Date	1/12/2020					
Observers	Donovan Sharp, Matt H									
Site Information:										
100x50m Area:										
Location (GPS reference)				Bioregion	Brigalow Belt South					
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			741939		7063804				914	
Plot centre			741987		7063820				915	
Plot Bearing	Plot Alignment Description									
Locality	Roma SD 22									
Regional Ecosystem and Tree height										
Habitat Description	Yuleba State Forest									
Regional Ecosystem	11.5.1	Median Tree canopy Height (m)			17					
	Emergent height (m)		Subcanopy ht (m)			5				
Site Photos	Plot centre	North	6148	South	6149	S				
Photo Numbers		East	6150	West	6151					
	Plot Origin				other					
Site Photos	See below									
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea	Tree Spp. Count			
Wildfire	na					Callitris glaucophylla	7			
Prescribed burn	na					Angophora leiocarpa				
Logging	na					Corymbia tessellaris				
Treatment	na					Acacia leiocalyx				
						Grevillea striata				
						Allocasuarina luehmannii				
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cover	<5%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	100%								38.5	
Storm	na								per ha (m)	
Other (specify)	na								385	
50 x 10m Area		Native Plant Species Richness					Total			
Shrub sp.										
	Hovea longipes									
	Geijera parviflora									
Grass sp.										
	Aristida caput-medusae									
	Echinopogon caespitosus									
	Aristida calycina									
	*Cenchrus ciliaris									
	Chrysopogon fallax									
	Aristida ramosa									
Forbs/other sp.	Solanum ellipticum									
	Maireana microphylla									



North



South



East



West

Biocondition Datasheet									
Site ID	916			Date	1/12/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					739017	7061866		916	
Plot centre					739065	7061873		917	
Plot Bearing	E			Plot Alignment Description					
Locality	Roma SD 22 Wyena State Forest								
Regional Ecosystem and Tree height									
Habitat Description									
Regional Ecosystem	11.5.5		Median Tree canopy Height (m)			12			
	Emergent height (m)		14			Subcanopy ht (m)			
						5			
Site Photos	Plot centre	North	6152	South	6153				
Photo Numbers		East	6154	West	6155				
		Plot Origin		other	6156				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea		Tree Spp. Count	
Wildfire	na					Callitris glaucophylla		5	
Prescribed burn	na					Eremophila deserti			
Logging	na					Eucalyptus melanophloia			
Treatment	na					Grevillea striata			
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	5.00%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	75%								52
Storm	na								per ha (m)
Other (specify)	na								520
50 x 10m Area Native Plant Species Richness Total									
Shrub sp.									
	Grevillea striata								
	Maireana microphylla								
	Acacia leiocalyx								
	Acacia decora								
Grass sp.									
	*Cenchrus ciliaris								
	Aristida caput-medusae								
	Aristida jerichoensis								
	Eragrostis brownii								
	Aristida ramosa								
	Aristida calycina								
	Dichanthium sericeum								
Forbs/other sp.									
	Abutilon oxycarpum								
	Calotis cuneifolia								
	*Achyranthes aspera								
	*Glandularia aristigera								
	Dysphania carinata								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	918			Date	2/12/2021				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					724570	7060177		918	
Plot centre					724611	7060156		919	
Plot Bearing	E			Plot Alignment Description					
Locality	Roma SD 22 Wilgavale								
Regional Ecosystem and Tree height									
Habitat Description	Lancewood on rocky rises. Very dry.								
Regional Ecosystem	11.7.2		Median Tree canopy Height (m)			10			
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6157	South	6158				
Photo Numbers		East	6159	West	6160				
		Plot Origin		other	6161				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia shirleyi		Tree Spp. Count	
Wildfire	na					Eucalyptus crebra		2	
Prescribed burn	na								
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<1%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100%								110
Storm	na								per ha (m)
Other (specify)	na								1100
50 x 10m Area Native Plant Species Richness Total									
Shrub sp.									
	Callitris glaucophylla								
Grass sp.									
	Aristida caput-medusae								
	Paspalidium distans								
	Ancistrachne uncinulata								
	Aristida calycina								
Forbs/other sp.									
	Lomandra multiflora								
	*Sida corrugata								
	Dysphania carinata								
	Solanum ellipticum								
	Seringia collina								



North

South



East



West



Ground

Biocondition Datasheet									
Site ID	920			Date	2/12/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			723510		7064327	920			
Plot centre			723558		7064319	921			
Plot Bearing	E		Plot Alignment Description						
Locality	Roma SD 22 Wilgavale								
Regional Ecosystem and Tree height									
Habitat Description	Advanced regrowth 11.9.10. Canopy variable 6-14m								
Regional Ecosystem	11.9.10		Median Tree canopy Height (m)		9				
	Emergent height (m)		18		Subcanopy ht (m)		4		
Site Photos	Plot centre	North	6163	South	6164				
Photo Numbers		East	6165	West	6166				
		Plot Origin		other	6167				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea	Tree Spp. Count		
Wildfire	na					Acacia harpophylla	9		
Prescribed burn	na					Callitris glaucophylla			
Logging	na					Acacia decora			
						Casuarina cristata			
						Owenia acidula			
Treatment	na					Eremophila deserti			
						Notelaea microcarpa			
						Corymbia intermedia			
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<5%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	60%								44
Storm	na								per ha (m)
Other (specify)	na								440
50 x 10m Area	Native Plant Species Richness							Total	
Shrub sp.									
	Atalaya hemiglauca								
	Eremophila deserti								
	Geijera parviflora								
	Citrus glauca								
Grass sp.									
	Chloris truncata								
	*Cenchrus ciliaris								
	Aristida calycina								
	Panicum effusum								
Forbs/other sp.									
	*Sida corrugata								
	Abutilon oxycarpum								
	Einadia hastata								
	Enchylaena tomentosa								
	Capparis lasiantha								
	Sclerolaena birchii								
	Carissa ovata								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	922			Date	2/12/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			723169		7063542	922			
Plot centre			723132		7063575	923			
Plot Bearing	NW		Plot Alignment Description						
Locality	Roma SD 22 Wilgavale								
Regional Ecosystem and Tree height									
Habitat Description	11.9.10 young regrowth. Very dry.								
Regional Ecosystem	11.9.10		Median Tree canopy Height (m)			8			
	Emergent height (m)		18			Subcanopy ht (m)			
						5			
Site Photos	Plot centre	North	6168	South	6169				
Photo Numbers		East	6170	West	6171				
		Plot Origin		other	6172				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea			
Wildfire	na					Eucalyptus crebra	Tree Spp. Count		
Prescribed burn	na					Callitris glaucophylla	5		
Logging	na					Grevillea striata			
Treatment	na					Brachychiton populneus			
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<2%				Specimen length (mm)				
Erosion	na							site total m	
Regeneration	100%							5	
Storm	na							per ha (m)	
Other (specify)	na							50	
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
		Petalostigma pubescens							
		Carissa ovata							
Grass sp.									
		*Cenchrus ciliaris							
		Panicum effusum							
		Eragrostis brownii							
		Aristida caput-medusae							
		Chrysopogon fallax							
		Enteropogon acicularis							
Forbs/other sp.									
		Seringia collina							
		Chrysocephalum apiculatum							



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1330			Date	2/12/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			723650		7061368	924			
Plot centre			723686		7061331	925			
Plot Bearing	E			Plot Alignment Description					
Locality	Roma SD 22 Wilgavale								
Regional Ecosystem and Tree height									
Habitat Description	Brigalow low regrowth Ground cover largely absent.								
Regional Ecosystem	11.9.5	Median Tree canopy Height (m)			4				
	Emergent height (m)	10			Subcanopy ht (m)				
Site Photos	Plot centre	North	6174	South	6175	S			
	Photo Numbers	East	6176	West	6177				
		Plot Origin		other	6178				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia harpophylla Casuarina cristata			Tree Spp. Count
Wildfire	na								2
Prescribed burn	na								
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<1%				Specimen length (mm)				
Erosion	na							site total m	
Regeneration	100							0	
Storm	na							per ha (m)	
Other (specify)	na							0	
50 x 10m Area Native Plant Species Richness Total									
Shrub sp.									
	Capparis lasiantha								
	Eremophila sp.								
	Citrus glauca								
	Acacia harpophylla								
	Carissa ovata								
	Atalaya hemiglauca								
Grass sp.									
	*Cenchrus ciliaris								
	Panicum effusum								
	Chloris truncata								
Forbs/other sp.									
	Salsola australis								
	Sclerolaena birchii								
	Sclerolaena bicornis								
	Abutilon oxycarpum								
	Einadia hastata								
	Enchylaena tomentosa								
	*Opuntia tomentosa								



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	940			Date	3/12/2020					
Observers	Donovan Sharp, Matt H									
Site Information:										
100x50m Area:										
Location (GPS reference)				Bioregion	Brigalow Belt South					
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin					726360	7061132		940		
Plot centre					726311	7061116		941		
Plot Bearing	SW			Plot Alignment Description						
Locality	Roma SD 22 Burnside									
Regional Ecosystem and Tree height										
Habitat Description										
Regional Ecosystem	11.9.10		Median Tree canopy Height (m)			9				
	Emergent height (m)		18			Subcanopy ht (m)				
						3				
Site Photos	Plot centre	North	6204	South	6205	S				
Photo Numbers		East	6206	West	6207					
		Plot Origin		other	6208					
Disturbance	100 x 50m Area: Tree SPP. Richness									
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia harpophylla		Tree Spp. Count		
Wildfire	na					Eucalyptus populnea		7		
Prescribed burn	na					Eremophila deserti				
Logging	na					Casuarina cristata				
						Atalaya hemiglauca				
						Eucalyptus crebra				
Treatment	na					Brachychiton rupestris				
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cover	<1%		Specimen length (mm)							
Erosion	na								site total m	
Regeneration		50%								109
Storm	na									per ha (m)
Other (specify)	na									1090
50 x 10m Area	Native Plant Species Richness				Total					
Shrub sp.										
	Geijera parviflora									
	Eremophila sp.									
Grass sp.										
	Ancistrachne uncinulata									
	Enteropogon acicularis									
	Aristida caput-medusae									
Forbs/other sp.										
	Solanum ellipticum									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	984			Date	4/12/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			726829		7064010	984			
Plot centre			726782		7063991	985			
Plot Bearing	W		Plot Alignment Description						
Locality	Roma SD 22 Burnside								
Regional Ecosystem and Tree height									
Habitat Description	11.3.2 low regrowth								
Regional Ecosystem	11.3.2	Median Tree canopy Height (m)			5				
	Emergent height (m)	22			Subcanopy ht (m)				
Site Photos	Plot centre	North	6278	South	6279	S			
Photo Numbers		East	6280	West	6281				
	Plot Origin			other	6282				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea			Tree Spp. Count
Wildfire	na							1	
Prescribed burn	na								
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<1%				Specimen length (mm)				
Erosion	na							site total m	
Regeneration		100%						3	
Storm	na							per ha (m)	
Other (specify)	na							30	
50 x 10m Area									
				Native Plant Species Richness			Total		
Shrub sp.	Maireana microphylla								
Grass sp.	Dichanthium sericeum								
	Heteropogon contortus								
	Aristida calycina								
	Aristida ramosa								
Forbs/other sp.	Sclerolaena birchii								
	Seringia collina								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	989			Date	4/12/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					728539	7060935		989	
Plot centre					728580	7060962		990	
Plot Bearing	E			Plot Alignment Description					
Locality	Roma SD 22 The Paddock								
Regional Ecosystem and Tree height									
Habitat Description	11.3.25 Remnant								
Regional Ecosystem	11.3.25		Median Tree canopy Height (m)			23			
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6271	South	6272	S			
Photo Numbers		East	6273	West	6274				
	Plot Origin			other	6275				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis			
Wildfire	na					Melaleuca bracteata	Tree Spp. Count		
Prescribed burn	na					Acacia harpophylla	4		
Logging	na					Eucalyptus populnea			
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	100.00%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	0%								1
Storm	na								per ha (m)
Other (specify)	na								10
50 x 10m Area									
			Native Plant Species Richness				Total		
Shrub sp.	Acacia excelsa								
Grass sp.	*Cenchrus ciliaris								
Forbs/other sp.									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	989			Date	4/12/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					728539	7060935			989
Plot centre					728580	7060962			990
Plot Bearing	E			Plot Alignment Description					
Locality	Roma SD 22 The Paddock								
Regional Ecosystem and Tree height									
Habitat Description	11.3.25 Remnant								
Regional Ecosystem	11.3.25		Median Tree canopy Height (m)			23			
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6271	South	6272	S			
Photo Numbers		East	6273	West	6274				
		Plot Origin		other	6275				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis			
Wildfire	na					Melaleuca bracteata	Tree Spp. Count		
Prescribed burn	na					Acacia harpophylla	4		
Logging	na					Eucalyptus populnea			
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	100.00%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	0%								1
Storm	na								per ha (m)
Other (specify)	na								10
50 x 10m Area									
			Native Plant Species Richness				Total		
Shrub sp.	Acacia excelsa								
Grass sp.	*Cenchrus ciliaris								
Forbs/other sp.									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1007			Date	15/02/2020				
Observers	Donovan Sharp, Matt H								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					731895	7060242		1007	
Plot centre					731847	7060233		1008	
Plot Bearing	W			Plot Alignment Description					
Locality	Roma SD 22 Myalla								
Regional Ecosystem and Tree height									
Habitat Description	HVR 11.7.2								
Regional Ecosystem	11.7.2		Median Tree canopy Height (m)			8			
	Emergent height (m)		Subcanopy ht (m)			2			
Site Photos	Plot centre	North	6321	South	6322	S			
Photo Numbers		East	6323	West	6324				
		Plot Origin		other	6325				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia shirleyi		Tree Spp. Count	
Wildfire	na					Eucalyptus crebra		3	
Prescribed burn	na					Eucalyptus chloroclada			
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<1%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100%								360
Storm	na								per ha (m)
Other (specify)	na								3600
50 x 10m Area	Native Plant Species Richness				Total				
Shrub sp.	Acacia burrowii								
Grass sp.	Aristida caput-medusae								
Forbs/other sp.	Lomandra multiflora								
	Cyperus sp.								



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1171				Date	9/02/2021				
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)					Bioregion	Brigalow Belt South				
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			735131		7061009	1171				
Plot centre			735077		7061011	1172				
Plot Bearing	W		Plot Alignment Description							
Locality	Roma SD 22 Highfield									
Regional Ecosystem and Tree height										
Habitat Description	Advanced regrowth									
Regional Ecosystem	11.5.1	Median Tree canopy Height (m)			17					
	Emergent height (m)		Subcanopy ht (m)			7				
Site Photos	Plot centre	North	6624	South	6625	S				
Photo Numbers		East	6626	West	6627					
	Plot Origin			other	6628					
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra		Tree Spp. Count		
Wildfire	na					Callitris glaucophylla		2		
Prescribed burn	na									
Logging	na									
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cove	<1%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	50%								30	
Storm	na								per ha (m)	
Other (specify)	na								300	
50 x 10m Area	Native Plant Species Richness				Total					
Shrub sp.										
	Petalostigma pubescens									
	Denhamia cunninghamii									
Grass sp.	Aristida caput-medusae									
	Aristida jerichoensis									
	Eragrostis brownii									
Forbs/other sp.	Fimbristylis sp.									
	Sida corrugata									
	Opuntia tomentosa*									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1171				Date	9/02/2021			
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)					Bioregion	Brigalow Belt South			
Datum	GDA94								
Zone	55 J	Easting			Northing				
Plot origin			735131		7061009		1171		
Plot centre			735077		7061011		1172		
Plot Bearing	W		Plot Alignment Description						
Locality	Roma SD 22 Highfield								
Regional Ecosystem and Tree height									
Habitat Description	Advanced regrowth								
Regional Ecosystem	11.5.1		Median Tree canopy Height (m)			17			
	Emergent height (m)		Subcanopy ht (m)			7			
Site Photos	Plot centre	North	6624	South	6625	S			
Photo Numbers		East	6626	West	6627				
		Plot Origin		other	6628				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra		Tree Spp. Count	
Wildfire	na					Callitris glaucophylla		2	
Prescribed burn	na								
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	<1%				Specimen length (mm)				
Erosion	na						site total m		
Regeneration	50%						30		
Storm	na						per ha (m)		
Other (specify)	na						300		
50 x 10m Area	Native Plant Species Richness				Total				
Shrub sp.									
	Petalostigma pubescens								
	Denhamia cunninghamii								
Grass sp.									
	Aristida caput-medusae								
	Aristida jerichoensis								
	Eragrostis brownii								
Forbs/other sp.									
	Fimbristylis sp.								
	Sida corrugata								
	Opuntia tomentosa*								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1229			Date	10/02/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting	740573	Northing	7060502				
Plot origin				7060516					
Plot centre									
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 Romalls Station								
Regional Ecosystem and Tree height									
Habitat Description	young regrowth								
Regional Ecosystem	11.3.25	Median Tree canopy Height (m)			10				
	Emergent height (m)	16			Subcanopy ht (m)				
					5				
Site Photos	Plot centre	North	6720	South	6721	S			
Photo Numbers		East	6722		6723				
	Plot Origin				other				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis			
Wildfire	na					Eucalyptus crebra			Tree Spp. Count
Prescribed burn	na					Callitris glaucophylla			4
Logging	na					Alphitonia excelsa			
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	100.00%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100								
Storm	na								29.5
Other (specify)	na								295
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
	Acacia leiocarpa								
	Opuntia tomentosa*								
Grass sp.									
	Cenchrus ciliaris*								
	Aristida caput-medusae								
	Ophiuros sp								
	Megathyrsus maximus*								
	Paspallidium distans								
	Melinis repens*								
	Eragrostis sp								
	Arundienella nepalensis								
Forbs/other sp.									
	Glanduligera aristigera*								
	Jasmimum simplicifolium								
	Cynathillium cinereum								
	Solanum sp.								



North



South



East



West



Ground

Biocondition Datasheet							
Site ID	1232			Date	1/03/2021		
Observers	Donovan Sharp, Heath Agnew						
Site Information:							
100x50m Area:							
Location (GPS reference)				Bioregion	Brigalow Belt South		
Datum	GDA94						
Zone	55 J	Easting	740113	Northing	7060235		
Plot origin	740116			7060283			
Plot centre							
Plot Bearing	Plot Alignment Description						
Locality	Roma SD 22 Romalls Station						
Regional Ecosystem and Tree height							
Habitat Description	advanced regrowth						
Regional Ecosystem	11.5.1	Median Tree canopy Height (m)			6		
	Emergent height (m)	12	Subcanopy ht (m)				
Site Photos	Plot centre	North	6728	South	6729	S	
	Photo Numbers	East	6730	West	6731		
		Plot Origin		other			
Disturbance					100 x 50m Area: Tree SPP. Richness		
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea	Tree Spp. Count
Wildfire	na				Alphitonia ex	Callitris glaucophylla	
Prescribed burn	na					Acacia salicina	
Logging	na					Grevillea striata	
Treatment	na					Angohpora leicocarpa	
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris		
Non-native plant cove	80.00%				Specimen length (mm)		
Erosion	na						site total m
Regeneration	100						49.5
Storm	na						per ha (m)
Other (specify)	na						495
50 x 10m Area		Native Plant Species Richness				Total	
Shrub sp.							
	Geijera parvifloa						
Grass sp.							
	Cenchrus ciliaris*						
	Aristida caput-medusae						
	Eriachne mucronata						
	Eragrostis lacunaria						
	Fimbristylis dichotoma						
	Eragrostis brownii						
	Paspallidium distans						
	Chloris truncata						
Forbs/other sp.							
	Melhania sp						
	Sida corrugata						
	Solanum ellipticum						
	*Malvastrum americanum						
	Solanum coracinum						
	Cheilanthes seiberi						



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1242			Date	10/02/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting	734205	Northing	7055801				
Plot origin				7055806					
Plot centre									
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22								
Regional Ecosystem and Tree height									
Habitat Description	Myall TEC non-functional								
Regional Ecosystem	11.3.2	Median Tree canopy Height (m)							
	Emergent height (m)	Subcanopy ht (m)							
Site Photos	Plot centre	North	6742	South	6743	S			
	Photo Numbers	East	6744	West	6745				
		Plot Origin		other					
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia pendula			Tree Spp. Count
Wildfire	na				Eremophila deserti				
Prescribed burn	na							2	
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	80.00%				Specimen length (mm)				
Erosion	na							site total m	
Regeneration	100%							14	
Storm	na							per ha (m)	
Other (specify)	na								
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
Grass sp.									
	Aristida calycina								
	Austrostipa verticillata								
	*Cenchrus ciliaris								
	Sporobolus caroli								
	*Urochloa panicoides								
	Eragrostis brownii								
	Paspalidium distans								
	Panicum effusum								
Forbs/other sp.									
	Sclerolaena birchii								
	Portulaca australis								
	Sclerolaena bicornis								
	Maireana microphylla								
	Sclerolaena sp.								
	Enchylaena tomentosa								

Biocondition datasheet (cont.)

10 x 10m Plots: Ground Cover						
Ground cover type	1	2	3	4	5	Mean
Native perennial (preferred and intermediate) grass			25			25
Native non-preferred grass						
Native forbs and other species	2.5	55	35	30	80	40.5
Native shrubs (< 1m height)						#DIV/0!
Non-native grass	7.5	15				11.25
Non-native forbs and shrubs						0
litter	10	10	30	25	15	18
rock						#DIV/0!
bare ground	80	20	10	45	5	0
Cryptograms						
Total	100	100	100	100	100	100
100 x 50m Area: Large Trees	Plot size	100x 50		100x 20		100 x 10
Species	Euc (E) Non-Euc (N)	Diam (cm)	DBH			
Eucalypts	Avg DBH threshold	RE		Euc Benchr	Euc Benchmark	
	No. Trees	No. Trees > =	Benchmark/ha			0
Non-Eucalypts	Avg DBH threshold	RE		Euc Benchr	Euc Benchmark	
	No. Trees	No. Trees > =	Benchmark/ha			0
100m Transect: Tree and Shrub Canopy Cover						
Canopy (C), Subcanopy (SC), Emergent (E), Shrub (S)						
Distance (m)	Type	Distance (m)	Type	Distance (m)	Type	
26-32	6 C		8 c			
45-53	8 C					
71-84	13 C					
94-100	6 C					
				canopy total		33
				subcanopy total		
				emergent total		
				shrub total		





North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1247			Date	11/02/2021					
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)							Bioregion	Brigalow Belt South		
Datum	GDA94									
Zone	55 J	Easting	735110		Northing	7056212				
Plot origin				735113		7056199				
Plot centre										
Plot Bearing	Plot Alignment Description									
Locality	Roma SD 22									
Regional Ecosystem and Tree height										
Habitat Description	regrowth									
Regional Ecosystem	11.3.25		Median Tree canopy Height (m)			10				
	Emergent height (m)		Subcanopy ht (m)			6				
Site Photos	Plot centre	North	6749		South	6750				
Photo Numbers		East	6751		West	6752				
		Plot Origin			other	3753				
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis				
Wildfire	na					Callitris glaucophylla			Tree Spp. Count	
Prescribed burn	na									
Logging	na									
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cove	80.00%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	100								55.5	
Storm	na								per ha (m)	
Other (specify)	na								555	
50 x 10m Area	Native Plant Species Richness					Total				
Shrub sp.	Dodonaea viscosa									
Grass sp.	Cenchrus ciliaris*									
	Eragrostis collina									
	Heteropogon contortus									
	Aristida jerichoensis									
	Arisitda romosa									
	Peotis rara									
	Melinis repens*									
	Digitaria divaricatisima									
Forbs/other sp.	Fimbristylis dichotoma									
	Portulacca pilosa									
	Opuntia tomentosa*									
	Abutilon oxycarpon									
	Sida corrugata									
	Amaranthus spinosus*									
	Chrysocephalum apiculatum									
	*Glandularia aristigera									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1249			Date	11/02/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting	734951	Northing	7056259				
Plot origin					7056204				
Plot centre									
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 Lagoons station								
Regional Ecosystem and Tree height									
Habitat Description	regrowth								
Regional Ecosystem	11.5.5	Median Tree canopy Height (m)			13				
	Emergent height (m)	Subcanopy ht (m)			8				
Site Photos	Plot centre	North	6754	South	6755	S			
Photo Numbers		East	6756	West	6757				
	Plot Origin			other					
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus melanophloia			Tree Spp. Count
Wildfire	na				Angophora leiocarpa				
Prescribed burn	na				Callitris galucophylla				
Logging	na				Eucalyptus poplunea				
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	10.00%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100								14
Storm	na								per ha (m)
Other (specify)	na								140
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
	Petalostigma pubscens								
	Geijera parviflora								
	Psydrax olieofolia								
	Acacia decora								
	Notloaea longfolia								
Grass sp.									
	Cenchrus ciliaris*								
	Heteropgon contortus								
	Parotis rara								
	Eragrostis brownii								
	Aristida holathera								
	Panicum effusum								
	Urochloa mombasciensis*								
Forbs/other sp.									
	Chyrocephalum apiculatum				Opuntia tomentosa*				
	Fimbristylis dichotoma				Dysphania carinata				
	Cheilanthes seiberi				Cyprus difformis				
	Lomandra sp				Comelina diffusa				
	Sclerolaena birchii				Einadia hastata				
	Portulacca australis				Solanum ellipticum				
	Clandrinia sp				Sida corrugata				



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1255				Date	11/02/2021				
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)						Bioregion	Brigalow Belt South			
Datum	GDA94									
Zone	55 J	Easting	735109		Northing	7056577				
Plot origin			735077				7056616			
Plot centre										
Plot Bearing										
Locality	Roma SD 22									
Regional Ecosystem and Tree height										
Habitat Description	young regrowth									
Regional Ecosystem	11.5.5		Median Tree canopy Height (m)			6				
	Emergent height (m)		Subcanopy ht (m)							
Site Photos	Plot centre	North	6762		South	6763		S		
	Photo Numbers	East	6764		West	6765				
		Plot Origin			other					
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus melanophloia				
Wildfire	na					Callitris glaucophylla		Tree Spp. Count		
Prescribed burn	na					Allocasuarina leuhmanii		4		
Logging	na					Angophora leiocarpa				
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cover	<5				Specimen length (mm)					
Erosion	na							site total m		
Regeneration	100							36		
Storm	na							per ha (m)		
Other (specify)	na							360		
50 x 10m Area		Native Plant Species Richness				Total				
Shrub sp.										
	Psychdrax odorata									
	Petalostigma pubescens									
	Alstonia constricta									
Grass sp.										
	Cenchrus ciliaris*									
	Paspallidium distans									
	Eragrostis brownii									
	Aristida ramosa									
	Aristida calycina									
	Chrysopogon fallax									
	Eriachne mucronata									
Forbs/other sp.										
	Solanum sp.									
	Portulacca pilosa									
	Sida corrugata									
	Corchorus trilocularis									
	Evolvulus alsinoides									
	Fimbristylis dichotoma									
	Cyperus exaltatus									
	Opuntia tomentosa*									
	Comelina diffusa									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1278			Date	11/02/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting	736089	Northing	7058554				
Plot origin				7058864					
Plot centre									
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 Lagoons Station								
Regional Ecosystem and Tree height									
Habitat Description	remnant								
Regional Ecosystem	11.3.2		Median Tree canopy Height (m)			18			
	Emergent height (m)		Subcanopy ht (m)			7			
Site Photos	Plot centre	North		South	S				
Photo Numbers		East		West					
	Plot Origin			other					
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Euclayptus populnea		Tree Spp. Count	
Wildfire	na				Allocasuarina luehmanii		3		
Prescribed burn	na				Callitris glaucophylla				
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	15.00%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	66%								25
Storm	na								per ha (m)
Other (specify)	na								250
50 x 10m Area	Native Plant Species Richness				Total				
Shrub sp.									
	Geijera parviflora								
	Grevillea striata								
	Eremophila sp								
Grass sp.									
	Cenchrus ciliaris*								
	Aristida caput-medusae								
	Enteropogon acicularis								
	Eragrostis brownii								
Forbs/other sp.									
	Cyperus exaltatus								
	Evolvus alsinoides								
	Einadia trigonos								
	Cheilanthes seiberi								
	Fimbristylis dochotoma								
	Solanum ellipticum								
	Sida corrugata								
	Nyssnathes erecta								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1328			Date	11/02/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting	735137	Northing	7055345				
Plot origin				7055327					
Plot centre									
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 lagoons								
Regional Ecosystem and Tree height									
Habitat Description	remnant								
Regional Ecosystem	11.3.25	Median Tree canopy Height (m)			16				
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6804	South	6805	S			
	Photo Numbers	East	6806	West	6807				
		Plot Origin		other					
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis			
Wildfire	na					Euclayptus populnea			Tree Spp. Count
Prescribed burn	na					Melaleuca viminalis			
Logging	na					Acacia salicina			
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover					Specimen length (mm)				
Erosion	na								site total m
Regeneration									5.5
Storm	na								per ha (m)
Other (specify)	na								22
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
	Geijrea parviflora								
	Vachellia farnesiana*								
Grass sp.									
	Megathyrsus maximus*								
	Themeda traindra								
	Dichanthium sericeum								
	Arundianella nepaliensis								
	Cenchrus ciliaris*								
Forbs/other sp.									
	Portulacca australis								
	Malvastrum americanum								
	Maireana microphylla								
	Schlerolaena brichii								
	Sida corrugata								
	*Glandularia aristigera								
	Alternanthera nana								
	Lomandra hystrix								
	Chrysocephalum apliculata								



North



South



East



West



Ground

Biocondition Datasheet

Site ID 1330 Date 12/02/2021

Observers Donovan Sharp, Heath Agnew

Site Information:

100x50m Area:

Location (GPS reference)		Bioregion	Brigalow Belt South
Datum	GDA94		
Zone	55 J Easting	723202 Northing	7062793
Plot origin		726209	7062760
Plot centre			
Plot Bearing	NW	Plot Alignment Description	
Locality	Roma SD 22 Burnside Station		

Regional Ecosystem and Tree height

Habitat Description	remnant		
Regional Ecosystem	11.9.10	Median Tree canopy Height (m)	14
	Emergent height (m)	Subcanopy ht (m)	9

Site Photos Photo Numbers	Plot centre	North	6809	South	6810	S
		East	6811	West	6812	
				other	6813	
	Plot Origin					

Disturbance					100 x 50m Area: Tree SPP. Richness		
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea Acacia harpophylla Casuarina cristata	Tree Spp. Count 3
Wildfire	na						
Prescribed burn	na						
Logging	na						
Treatment	na						
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris		
Non-native plant cover	< 5				Specimen length (mm)		
Erosion	na						site total m
Regeneration	100						104
Storm	na						per ha (m)
Other (specify)	na						1040

50 x 10m Area	Native Plant Species Richness		Total
Shrub sp.	Geijera parviflora		
	Eremophila mitchellii		
	Carissa ovata		
Grass sp.	Eragrostis brownii		
Forbs/other sp.			

Biocondition datasheet (cont.)						
10 x 10m Plots: Ground Cover						
Ground cover type	1	2	3	4	5	Mean
Native perennial (preferred and intermediate) grass	0	0	0	0	0	0
Native non-preferred grass	0	0	0	0	0	0
Native forbs and other species	0	0	0	0	0	0
Native shrubs (< 1m height)	0	0	0	0	0	0
Non-native grass	0	0	0	0	0	0
Non-native forbs and shrubs	0	0	0	0	0	0
litter	90	70	40	75	80	71
rock	4	5	15	10	10	8.8
bare ground	6	25	45	15	10	20.2
Cryptograms	0	0	0	0	0	0
Total	100	100	100	100	100	100
100 x 50m Area: Large Trees	Plot size	100x 50		100x 20		100 x 10
Species	Euc (E) Non-Euc (N)	Diam (cm)	DBH			
Eucalypts	Avg DBH threshold		RE		2 Euc Benchr	Euc Benchmark
	No. Trees	1	No. Trees > = Benchmark/ha			
Non-Eucalypts	Avg DBH threshold		RE		6 Euc Benchr	Euc Benchmark
	No. Trees	3	No. Trees > = Benchmark/ha			
100m Transect: Tree and Shrub Canopy Cover						
Canopy (C), Subcanopy (SC), Emergent (E), Shrub (S)						
Distance (m)	Type	Distance (m)	Type	Distance (m)	Type	
	3 s		12 SH			
	1 c		16 SH			
	4 c		5 SH			
	2 c		3 SH			
	4 s		1 SH			
			22 SH			
					canopy total	7
					subcanopy total	7
					emergent total	
					shrub total	59



North



South



East



West



Ground

Biocondition Datasheet										
Site ID							Date	12/02/2021		
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)						Bioregion	Brigalow Belt South			
Datum	GDA94									
Zone	55 J	Easting	725449		Northing	7063082				
Plot origin			725498				7063085			
Plot centre										
Plot Bearing	Plot Alignment Description									
Locality	Roma SD 22 Burnside Station									
Regional Ecosystem and Tree height										
Habitat Description	advanced regrowth									
Regional Ecosystem	11.5.5		Median Tree canopy Height (m)			12				
	Emergent height (m)		Subcanopy ht (m)			3				
Site Photos	Plot centre	North	6614		South	6615		S		
Photo Numbers		East	6616		West	6617				
		Plot Origin			other	6618				
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus melanophloia				
Wildfire	na					Eucalyptus populnea		Tree Spp. Count		
Prescribed burn	na					Acacia harpophylla		3		
Logging	na									
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cove	<5				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	100								54	
Storm	na								per ha (m)	
Other (specify)	na								540	
50 x 10m Area		Native Plant Species Richness					Total			
Shrub sp.										
	Geijera parviflora									
	Santalum lanceolatum									
	Eremophila sp.									
	Acacia decora									
	Citrus glauca									
Grass sp.										
	Aristida calycina									
	Chloris truncata									
	Cenchrus ciliaris*									
	Enteropogon acicularis									
	Panicum effusum									
	Paspallidium distans									
	Sporobolus caroli									
Forbs/other sp.	Malvastrum americanum				Boerhavia dominii					
	Sclerolaena birchii									
	Abutilon oxycarpon									
	Maireana microphylla									
	Sida sp									
	Harrissia martini*									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1334			Date	12/02/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting	725519	Northing	7063031				
Plot origin					7063041				
Plot centre									
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22								
Regional Ecosystem and Tree height									
Habitat Description	advanced regrowth								
Regional Ecosystem	11.9.10	Median Tree canopy Height (m)			9				
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6819	South	6820	S			
Photo Numbers		East	6821		6822				
	Plot Origin			other	6823				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia harpophylla		Tree Spp. Count	
Wildfire	na					Eucalyptus populnea		2	
Prescribed burn	na								
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	< 1				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100								77
Storm	na								per ha (m)
Other (specify)	na								770
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
	Geijera parviflora								
	Citrus glauca								
	Eremophila mitchellii								
Grass sp.	Aristida Holathera								
	Paspallidium distans								
	Chloris truncata								
	Ancistrachne uncinulata								
	Sporobolus australis								
	Enteropogon acicularis								
	Aristida calycina								
Forbs/other sp.	Sclerolaena birchii								
	Harissia martinii*								
	Solanum ellipticum								
	Abuliton oxycarpon								
	Comellina difusa								



North



South



East



West



Ground

Biocondition Datasheet							
Site ID	1336			Date	13/02/2021		
Observers	Donovan Sharp, Heath Agnew						
Site Information:							
100x50m Area:							
Location (GPS reference)				Bioregion	Brigalow Belt South		
Datum	GDA94						
Zone	55 J	Easting	727380	Northing	7062930		
Plot origin	727373			7062981			
Plot centre							
Plot Bearing	Plot Alignment Description						
Locality	Roma SD 22 Burnside Station						
Regional Ecosystem and Tree height							
Habitat Description	11.3.2 remnant						
Regional Ecosystem	11.3.2	Median Tree canopy Height (m)			18		
	Emergent height (m)	Subcanopy ht (m)			9		
Site Photos	Plot centre	North	6824	South	6825	S	
Photo Numbers		East	6826	West	6827		
	Plot Origin			other	6828		
Disturbance					100 x 50m Area: Tree SPP. Richness		
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus populnea	Tree Spp. Count
Wildfire	na					Geijera parviflora	
Prescribed burn	na						2
Logging	na						
Treatment	na						
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris		
Non-native plant cover	< 1%				Specimen length (mm)		
Erosion	na						site total m
Regeneration	100						70
Storm	na						per ha (m)
Other (specify)	na						700
50 x 10m Area	Native Plant Species Richness				Total		
Shrub sp.							
	Geijera parviflora						
	Eremophila mitchellii						
	Citrus glauca						
	Capparis lasiantha						
Grass sp.							
	Chloris truncata						
	Paspalidium distans						
	Aristida ramosa						
	Aristida calycina						
	Aristida caput-medusae						
	Enteropogon ascicularis						
	Sporobolus carolii						
Forbs/other sp.							
	Harissia martinii*						
	Einadia hastata						
	Abutilon oxycarpon						
	Sclerolaena bicornis						
	Sclerolaena birchii						
	Glandularia aristigera*						
	Nyssanthes erecta						
	Sida corrugata						



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1348			Date	2/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					7062814	1348			
Plot centre					7062866	1349			
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 Wilgavale								
Regional Ecosystem and Tree height									
Habitat Description	11.7.6 regrowth. Crebra regrowth with Callitris understorey. Sandy and rocky.								
Regional Ecosystem	11.7.6	Median Tree canopy Height (m)			12				
	Emergent height (m)	Subcanopy ht (m)			8				
Site Photos	Plot centre	North	6856	South	6857	S			
Photo Numbers		East	6858	West	6859				
	Plot Origin			other	6860 6861				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra			Tree Spp. Count
Wildfire	na				Callitris glaucophylla				
Prescribed burn	na				Corymbia tessellaris				
Logging	na				Brachychiton populneus				
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<5%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100%								19.5
Storm	na								per ha (m)
Other (specify)	na								195
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.	Carissa ovata								
	Pittosporum spinescens								
	Psydrax oleifolia								
Grass sp.	Enneapogon truncatus				Echinopogon caespitosus				
	Digitaria divaricatissima				Urochloa panicoides*				
	Aristida calycina								
	Eragrostis brownii								
	Cenchrus ciliaris*								
	Aristida jerichoensis								
	Fimbristylis dichotoma								
	Panicum effusum								
	Cymbopogon refractus								
Forbs/other sp.	Nyssanthes erecta				Commelina diffusa				
	Evolvulus alsinoides				Euphorbia tannensis				
	Plectranthus scutellarioides				Dysphania carinata				
	Portulaca sp.				Cyperus betchei				
	Solanum ellipticum				Cheilanthes sieberi				
	*Malvastrum americanum				Seringia collina				
					Sida corrugata				
					Einadia hastata				



North



South



East



West



Ground



Ground

Biocondition Datasheet									
Site ID	1340			Date	1/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin				722937	7062883	1340			
Plot centre				722946	7062833	1341			
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22								
Regional Ecosystem and Tree height									
Habitat Description	Base of rocky jumpup. Regrowth.								
Regional Ecosystem	11.7.6	Median Tree canopy Height (m)			14				
	Emergent height (m)	Subcanopy ht (m)			5				
Site Photos	Plot centre	North	6834	South	6835	S			
Photo Numbers		East	6836	West	6837				
	Plot Origin			other	6838				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus woollsiana	Tree Spp. Count		
Wildfire	na					Casuarina cristata	7		
Prescribed burn	na								
Logging	na					Psydrax oleifolia			
Treatment	na					Callitris glaucophylla			
						Brachychiton populneus			
						Brachychiton rupestris			
						Eucalyptus populnea			
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<5%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	0%								98
Storm	na								per ha (m)
Other (specify)	na								980
50 x 10m Area		Native Plant Species Richness					Total		
Shrub sp.	Carissa ovata								
	Psydrax oleifolia								
	Geijera parviflora								
	Eremophila deserti								
	Capparis lasiantha								
Grass sp.	Paspalidium distans								
	Cenchrus ciliaris*								
	Ancistrachne uncinulata								
	Sporobolus australasicus								
	Dactyloctenium radulans								
Forbs/other sp.	Evolvulus alsinoides				Jasminum simplicifolium				
	Seringia collina				Opuntia tomentosa*				
	Portulaca australis				Portulaca pilosa				
	Tetragonia tetragonoides				Maireana microphylla				
	Solanum ellipticum				Harrisia martinii*				
	Sclerolaena birchii				Abutilon oxycarpum				
	Einadia hastata				Malvastrum americanum				
					Alternanthera nana				



North

South



East

West



Ground

Biocondition Datasheet										
Site ID	1342			Date	1/03/2021					
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)				Bioregion	Brigalow Belt South					
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin					7062824	1342				
Plot centre					7062775	1343				
Plot Bearing	Plot Alignment Description									
Locality	Roma SD 22 Wilgavale									
Regional Ecosystem and Tree height										
Habitat Description	Regrowth 11.7.6. Some relictual emergents. Shrub layer largely absent. Sandy loam rocky.									
Regional Ecosystem	11.7.6	Median Tree canopy Height (m)			13					
	Emergent height (m)	18			Subcanopy ht (m)					
Site Photos	Plot centre	North	6839	South	6840	S				
	Photo Numbers	East	6841	West	6842					
		Plot Origin			other	6843				
Disturbance	100 x 50m Area: Tree SPP. Richness									
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra		Tree Spp. Count		
Wildfire	na					Callitris glaucophylla		3		
Prescribed burn	na					Eucalyptus woollsiana				
Logging	na									
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cove	<1%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	0%								26	
Storm	na								per ha (m)	
Other (specify)	na								260	
50 x 10m Area		Native Plant Species Richness				Total				
Shrub sp.	Bursaria incana									
	Psydrax oleifolia									
Grass sp.	Eragrostis brownii									
	Eragrostis lacunaria									
	Dactyloctenium radulans									
	Enneapogon truncatus									
	Enneapogon robustissimus									
	Panicum effusum									
	Aristida caput-medusae									
	Cymbopogon refractus									
	Aristida calycina									
Forbs/other sp.	Nyssanthes erecta				Cheilanthes sieberi					
	Evolvulus alsinoides				*Harrisia martinii					
	Seringia collina				*Malvastrum americanum					
	Dysphania carinata				Jasminum simplicifolium					
	Portulaca australis				Solanum ellipticum					
	Salvia plebeia				Tragus australianus					
	Commelina diffusa				Cyperus gracilis					
	Einadia hastata				Fimbristylis dichotoma					
					Cyperus betchei					



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1344			Date	1/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					724756	7060159		1344	
Plot centre					724801	7060181		1345	
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 Wilgavale								
Regional Ecosystem and Tree height									
Habitat Description									
Regional Ecosystem	11.7.2		Median Tree canopy Height (m)			10			
	Emergent height (m)		Subcanopy ht (m)			6			
Site Photos	Plot centre	North	6844	South	6845	S			
Photo Numbers		East	6846	West	6847				
	Plot Origin			other	6848				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia shirleyi		Tree Spp. Count	
Wildfire	na					Callitris glaucophylla		6	
Prescribed burn	na					Hakea lorea subsp. lorea			
Logging	na					Eucalyptus populnea			
Treatment	na					Casuarina cristata			
						Allocasuarina luehmannii			
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<1%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	60%								49
Storm	na								per ha (m)
Other (specify)	na								490
50 x 10m Area		Native Plant Species Richness					Total		
Shrub sp.	Geijera parviflora								
Grass sp.	Aristida caput-medusae								
	Paspalidium distans								
	Eragrostis sp.								
	Austrostipa verticillata								
Forbs/other sp.	Seringia collina								
	Abutilon oxycarpum								
	Oxalis perennans								
	Cheilanthes sieberi								
	Dysphania carinata								



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1348				Date	2/03/2021				
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)					Bioregion	Brigalow Belt South				
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			723234		7062814	1348				
Plot centre			723217		7062866	1349				
Plot Bearing	Plot Alignment Description									
Locality	Roma SD 22 Wilgavale									
Regional Ecosystem and Tree height										
Habitat Description	11.7.6 regrowth. Crebra regrowth with Callitris understorey. Sandy and rocky.									
Regional Ecosystem	11.7.6	Median Tree canopy Height (m)			12					
	Emergent height (m)		Subcanopy ht (m)			8				
Site Photos	Plot centre	North	6856	South	6857	S				
Photo Numbers		East	6858	West	6859					
	Plot Origin			other	6860 6861					
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra		Tree Spp. Count		
Wildfire	na					Callitris glaucophylla		4		
Prescribed burn	na					Corymbia tessellaris				
Logging	na					Brachychiton populneus				
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cover	<5%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	100%								19.5	
Storm	na								per ha (m)	
Other (specify)	na								195	
50 x 10m Area		Native Plant Species Richness				Total				
Shrub sp.	Carissa ovata									
	Pittosporum spinescens									
	Psydrax oleifolia									
Grass sp.	Enneapogon truncatus				Echinopogon caespitosus					
	Digitaria divaricatissima				Urochloa panicoides*					
	Aristida calycina									
	Eragrostis brownii									
	Cenchrus ciliaris*									
	Aristida jerichoensis									
	Fimbristylis dichotoma									
	Panicum effusum									
	Cymbopogon refractus									
Forbs/other sp.	Nyssanthes erecta				Commelina diffusa					
	Evolvulus alsinoides				Euphorbia tannensis					
	Plectranthus scutellarioides				Dysphania carinata					
	Portulaca sp.				Cyperus betchei					
	Solanum ellipticum				Cheilanthes sieberi					
	*Malvastrum americanum				Seringia collina					
					Sida corrugata					
					Einadia hastata					



North



South



East



West



Ground



Ground

Biocondition Datasheet									
Site ID	1350			Date	2/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			722758		7062933	1350			
Plot centre			722778		7062978	1351			
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 Wilgavale								
Regional Ecosystem and Tree height									
Habitat Description	Remnant crebra. Soil sandy, rocky in patches.								
Regional Ecosystem				Median Tree canopy Height (m)	16				
	Emergent height (m)			Subcanopy ht (m)	8				
Site Photos	Plot centre	North	6862	South	6863	S			
Photo Numbers		East	6864	West	6865				
	Plot Origin			other	6866				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra	Tree Spp. Count		
Wildfire	na					Callitris glaucophylla	6		
Prescribed burn	na					Bursaria incana			
Logging	na					Eucalyptus populnea			
Treatment	na					Petalostigma pubescens			
						Geijera parviflora			
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<5%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	60%								34
Storm	na								per ha (m)
Other (specify)	na								340
50 x 10m Area		Native Plant Species Richness					Total		
Shrub sp.	Carissa ovata								
	Carissa ovata								
Grass sp.	Cenchrus ciliaris								
	Dactyloctenium radulans								
	Austrostipa verticillata								
	Fimbristylis dichotoma								
	Eragrostis brownii								
	Enneapogon truncatus								
	Cyperus betchei								
	Melinis repens								
	Chloris truncata								
	Paspalidium distans								
Forbs/other sp.	Seringia collina				Portulaca pilosa				
	Portulaca australis				Einadia hastata				
	Solanum ellipticum				Dysphania carinata				
	Evolvulus alsinoides				*Harrisia martinii				
	Portulaca sp.				Echinopogon caespitosus				
	*Opuntia tomentosa				Jasminum simplicifolium				
	Corchorus trilocularis								



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1353				Date	2/03/2021				
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)					Bioregion	Brigalow Belt South				
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			727644			7056693	1353			
Plot centre			727665			7056738	1354			
Plot Bearing	Plot Alignment Description									
Locality	Roma SD 22 Reuben Downs									
Regional Ecosystem and Tree height										
Habitat Description	11.7.7 remnant									
Regional Ecosystem	11.7.7	Median Tree canopy Height (m)				16				
	Emergent height (m)		Subcanopy ht (m)				7			
Site Photos	Plot centre	North	6868	South	6869					
	Photo Numbers	East	6870	West	6871					
		Plot Origin		other	6872					
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus fibrosa subsp.nubilis				
Wildfire	na					Acacia shirleyi	Tree Spp. Count			
Prescribed burn	na					Acacia burrowii	3			
Logging	na									
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cove	<5%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	66%								67m	
Storm	na								per ha (m)	
Other (specify)	na								670	
50 x 10m Area Native Plant Species Richness Total										
Shrub sp.										
	Pittosporum spinescens									
	Geijera parviflora									
Grass sp.										
	Thyridolepis xerophila									
	Aristida caput-medusae									
	Aristida calycina									
	Eragrostis brownii									
	Ancistrachne uncinulata									
	Fimbristylis dichotoma									
	Paspalidium distans									
Forbs/other sp.										
	Seringia collina									
	Abutilon oxycarpum									
	Euphorbia tannensis									
	Evolvulus alsinoides									
	Cheilanthes distans									
	Calotis cuneifolia									
	Sida corrugata									
	Corchorus trilocularis									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1355			Date	2/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			726559		7057003				1355
Plot centre			726568		7056955				1356
Plot Bearing	S			Plot Alignment Description					
Locality	Roma SD 22 Reuben Downs								
Regional Ecosystem and Tree height									
Habitat Description	11.7.2 regrowth. Silty brown soil, rocky on surface.								
Regional Ecosystem	11.7.2		Median Tree canopy Height (m)			9			
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6873	South	6874				
	Photo Numbers	East	6875	West	6876				
		Plot Origin		other	6877				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia shirleyi		Tree Spp. Count	
Wildfire	na					Eucalyptus exserta			
Prescribed burn	na					Alstonia constricta			3
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	<1%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100%								21
Storm	na								per ha (m)
Other (specify)	na								210
50 x 10m Area		Native Plant Species Richness			Total				
Shrub sp.									
Grass sp.	Aristida calycina								
	Aristida sp.								
	Paspalidium distans								
Forbs/other sp.	Corchorus trilocularis								
	Abutilon oxycarpum								
	Seringia collina								
	*Opuntia tomentosa								
	Cheilanthes sieberi								
	Solanum ellipticum								
	Solanum coracinum								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1357			Date	2/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			726753		7058436	1357			
Plot centre			726728		7058392	1358			
Plot Bearing	S			Plot Alignment Description					
Locality	Roma SD 22 Reuben Downs								
Regional Ecosystem and Tree height									
Habitat Description	Low 11.7.2 regrowth. Yellow clay. Lots oof rock. Lots of ironstone.								
Regional Ecosystem	11.7.2		Median Tree canopy Height (m)			4			
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6878	South	6879				
Photo Numbers		East	6880	West	6881				
		Plot Origin		other	6882				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Acacia shirleyi		Tree Spp. Count	
Wildfire	na					Eucalyptus crebra		2	
Prescribed burn	na								
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	30% buffel				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100%								3
Storm	na								per ha (m)
Other (specify)	na								30
50 x 10m Area Native Plant Species Richness Total									
Shrub sp.									
Grass sp.	Panicum effusum								
	Cenchrus ciliaris*								
	Aristida caput-medusae								
	Aristida calycina								
	Aristida jerichoensis								
	Eragrostis brownii								
Forbs/other sp.	Corchorus trilocularis								
	Calotis cuneifolia								
	*Malvastrum americanum								
	Abutilon oxycarpum								
	Phyllanthus maderaspatensis								
	Cheilanthes sieberi								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1359			Date	12/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			726804		7057322	1359			
Plot centre			726836		7057284	1360			
Plot Bearing	S			Plot Alignment Description					
Locality	Roma SD 22 Reuben Downs								
Regional Ecosystem and Tree height									
Habitat Description	11.7.7 remnant. Fibrosa 18m with Ac. Shirleyi understorey sparse 8m. A sparse low tree layer of Ac. Shirleyi to 4m is								
Regional Ecosystem		Median Tree canopy Height (m)			16				
	Emergent height (m)		Subcanopy ht (m)			8			
Site Photos	Plot centre	North	6883	South	6884				
Photo Numbers		East	6885	West	6886				
	Plot Origin			other	6887				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus fibrosa subsp. nubilis			
Wildfire	na					Acacia shirleyi		Tree Spp. Count	
Prescribed burn	na					Allocasuarina leuhmanii		3	
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	<5%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	50%								37
Storm	na								per ha (m)
Other (specify)	na								370
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
		Alstonia constricta							
		Carissa ovata							
		Casuarina cristata							
Grass sp.									
		Paspalidium distans							
		Thyridolepis xerophila							
		Ancistrachne uncinulata							
		Aristida caput-medusae							
		Aristida ramosa							
Forbs/other sp.									
		Seringia collina							
		Abutilon oxycarpum							
		Corchorus trilocularis							



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1361				Date	3/03/2021				
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)					Bioregion	Brigalow Belt South				
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			736535			7063950	1361			
Plot centre			736524			7063902	1362			
Plot Bearing	N		Plot Alignment Description							
Locality	Roma SD 22 Mostyn									
Regional Ecosystem and Tree height										
Habitat Description	11.5.1 remnant. Sparse shrub layer.									
Regional Ecosystem	11.5.1		Median Tree canopy Height (m)			16				
	Emergent height (m)		Subcanopy ht (m)			8				
Site Photos	Plot centre	North	6888	South	6889					
Photo Numbers		East	6890	West	6891					
		Plot Origin		other	6892					
Disturbance			100 x 50m Area: Tree SPP. Richness							
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra				
Wildfire	na					Callitris glaucophylla		Tree Spp. Count		
Prescribed burn	na					Petalostigma pubescens		3		
Logging	na									
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cover	<5%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	100%								39	
Storm	na								per ha (m)	
Other (specify)	na								390	
50 x 10m Area		Native Plant Species Richness					Total			
Shrub sp.	Alstonia constricta									
	Dodonaea viscosa									
Grass sp.	Echinopogon caespitosus									
	Aristida calycina									
	Melinis repens*									
	Fimbristylis dichotoma									
	Enneapogon truncatus									
	Perotis rara									
	Eragrostis brownii									
	Cenchrus ciliaris*									
Forbs/other sp.	Seringia collina		Alternanthera nana							
	Sida corrugata		Nyssanthes erecta							
	Calotis cuneifolia		Cyperus sp.							
	Solanum ellipticum		Fimbristylis dichotoma							
	Evolvulus alsinoides									
	Cheilanthes sieberi									
	Lomandra multiflora									
	*Glandularia aristigera									
	Amaranthus spinosus*									



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1363			Date	3/03/2021					
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)				Bioregion	Brigalow Belt South					
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			736823		7063838	1363				
Plot centre			736783		7063812	1364				
Plot Bearing	NE		Plot Alignment Description							
Locality	Roma SD 22 Mostyn									
Regional Ecosystem and Tree height										
Habitat Description	11.5.1 remnant. Sparse shrub layer. Rocks present. Brown loam.									
Regional Ecosystem	11.5.1		Median Tree canopy Height (m)		18					
	Emergent height (m)		Subcanopy ht (m)		9					
Site Photos	Plot centre	North		South						
Photo Numbers		East		West						
	Plot Origin			other						
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra				
Wildfire	na					Callitris glaucophylla		Tree Spp. Count		
Prescribed burn	na								2	
Logging	na									
Treatment	na									
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cove	50.00%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	50%									38
Storm	na								per ha (m)	
Other (specify)	na									380
50 x 10m Area		Native Plant Species Richness				Total				
Shrub sp.	Alphitonia excelsa									
	Acacia decora									
	Dodonaea viscosa									
	Carissa ovata									
	Notelaea microcarpa									
Grass sp.	*Cenchrus ciliaris				Capillipedium spicigerum					
	*Paspalum urvillei				Cymbopogon refractus					
	Aristida calycina				Thyridolepis xerophila					
	*Urochloa panicoides				Fimbristylis dichotoma					
	Panicum effusum									
	Aristida ramosa									
	Eragrostis brownii									
Forbs/other sp.	*Sida corrugata				*Glandularia aristigera					
	Sclerolaena birchii				Cyperus sp.					
	Evolvulus alsinoides									
	Alternanthera nana									
	Nyssanthes erecta									
	Calotis cuneifolia									
	Cheilanthes sieberi									
	Euphorbia tannensis									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1368			Date	3/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			735068		7065039	1368			
Plot centre			735041		7065080	1369			
Plot Bearing	NW		Plot Alignment Description						
Locality	Roma SD 22 Mostyn								
Regional Ecosystem and Tree height									
Habitat Description	Ac melvillei/burrowii 7m mid-dense to dense. E. melnophloia and E. crebra emergentd to 12m very sparse. Brown s								
Regional Ecosystem	11.7.7	Median Tree canopy Height (m)			6				
	Emergent height (m)	13			Subcanopy ht (m)				
Site Photos	Plot centre	North	6906	South	6907				
	Photo Numbers	East	6908	West	6909				
		Plot Origin		other	6910				
Disturbance					100 x 50m Area: Tree SPP. Richness				
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus melanophloia			
Wildfire	na					Acacia melvillei/burrowii	Tree Spp. Count		
Prescribed burn	na						2		
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	<5%				Specimen length (mm)				
Erosion	na						site total m		
Regeneration	50%						41		
Storm	na						per ha (m)		
Other (specify)	na						410		
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
Grass sp.									
	Eragrostis brownii								
	Aristida calycina								
	*Paspalum urvillei								
	Paspalidium distans								
Forbs/other sp.									
	Evolvulus alsinoides								
	Cheilanthes sieberi								
	Calotis cuneifolia								
	Abutilon oxycarpum								
	Solanum ellipticum								
	Solanum coracinum								
	Vigna suberecta								
	Calandrinia sp.								
	*Opuntia tomentosa								
	Fimbristylis dichotoma								
	Cyperus sp.								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1370			Date	3/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin			736742		7062656	1370			
Plot centre			736695		7062646	1371			
Plot Bearing	E			Plot Alignment Description					
Locality	Roma SD 22 Mostyn								
Regional Ecosystem and Tree height									
Habitat Description	11.3.2b. No benchmark								
Regional Ecosystem	11.3.2b		Median Tree canopy Height (m)			17			
	Emergent height (m)		Subcanopy ht (m)						
Site Photos	Plot centre	North	6911	South	6912				
	Photo Numbers	East	6913	West	6914				
		Plot Origin		other	6915				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis			
Wildfire	na								Tree Spp. Count
Prescribed burn	na								1
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<1%				Specimen length (mm)				
Erosion	na							site total m	
Regeneration	0%							22	
Storm	na							per ha (m)	
Other (specify)	na							220	
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.									
Grass sp.	Brachyachne convergens								
	Arundinella nepalensis								
	Echinochloa crus-galli*								
Forbs/other sp.	Marsilea drummondii								
	Sclerolaena birchii								
	Alternanthera nana								
	*Glandularia aristigera								
	Dysphania carinata								
	Atriplex muelleri								
	Lomandra multiflora								
	Physalis peruviana								
	Xanthium occidentale*								
	Sclerolaena bicornis								
	*Malvastrum americanum								
	Solanum nigrum								
	Malva parviflora								
	Enchylaena tomentosa								
	Persicaria lapathifolia								
	Centipeda minima								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1372			Date	3/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					7061624	1372			
Plot centre					7061606	1373			
Plot Bearing	E			Plot Alignment Description					
Locality	Roma SD 22 Mostyn								
Regional Ecosystem and Tree height									
Habitat Description	E. camaldulensis and Angophora floribunda 26m on ox-bow. No benchmark								
Regional Ecosystem	11.3.2b			Median Tree canopy Height (m)		21			
	Emergent height (m)			Subcanopy ht (m)					
Site Photos	Plot centre	North		South					
Photo Numbers		East		West					
	Plot Origin			other					
Disturbance				100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis			
Wildfire	na					Angophora floribunda	Tree Spp. Count		
Prescribed burn	na					Acacia salicina	3		
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<5%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	33%								14
Storm	na								per ha (m)
Other (specify)	na								140
50 x 10m Area		Native Plant Species Richness				Total			
Shrub sp.	Vachellia farnesiana*								
Grass sp.	Dichanthium sericeum								
	Capillipedium spicigerum								
	Leptochloa digitata								
	Echinochloa crus-galli*								
	*Paspalum dilatatum								
Forbs/other sp.	*Sida rhombifolia				Marsilea drummondii				
	*Glandularia aristigera				Cullen tenax				
	Swainsona queenslandica				*Phyla canescens				
	*Xanthium occidentale								
	*Verbena officinalis								
	Alternanthera nana								
	Sclerolaena birchii								
	Jasminum simplicifolium								
	*Verbena gaudichaudii								
	Cyperus sp.								
	*Guilleminea densa								
	*Solanum nigrum								
	*Physalis peruviana								
	Rumex brownii								



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1374			Date	3/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting		Northing					
Plot origin					7062581	1374			
Plot centre					7062535	1375			
Plot Bearing	NW			Plot Alignment Description					
Locality	Roma SD 22 Mostyn								
Regional Ecosystem and Tree height									
Habitat Description	Low-lying area adjacent to watercourse. No shrub or low tree layer present								
Regional Ecosystem	11.3.2b			Median Tree canopy Height (m)			24		
	Emergent height (m)			Subcanopy ht (m)					
Site Photos	Plot centre	North	6931	South	6932				
	Photo Numbers	East	6933	West	6934				
		Plot Origin		other	6935				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus camaldulensis			
Wildfire	na								Tree Spp. Count
Prescribed burn	na								1
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<1				Specimen length (mm)				
Erosion	na							site total m	
Regeneration	100							40	
Storm	na							per ha (m)	
Other (specify)	na							400	
50 x 10m Area									
Native Plant Species Richness									
Total									
Shrub sp.									
Grass sp.	Brachyachne convergens								
Forbs/other sp.									
	Centipeda minima								
	Atriplex muelleri								
	*Xanthium occidentale								
	Persicaria lapathifolia								
	Sclerolaena birchii								
	Eleocharis pallens?								
	*Physalis peruviana								

Biocondition datasheet (cont.)								
10 x 10m Plots: Ground Cover								
Ground cover type	1	2	3	4	5	Mean		
Native perennial (preferred and intermediate) grass	20	5	5	0	70	20		
Native non-preferred grass	0	0	0	0	0	0		
Native forbs and other species	0	0	10	0	10	4		
Native shrubs (< 1m height)	0	0	0	0	0	0		
Non-native grass	0	0	0	0	0	0		
Non-native forbs and shrubs	0	0	0	0	0	0		
litter	60	70	15	10	10	33		
rock	0	0	0	0	0	0		
bare ground	20	25	75	90	10	44		
Cryptograms	0	0	0	0	0	0		
Total	100	100	105	100	100	101		
100 x 50m Area: Large Trees		Plot size	100x 50	100x 20	100 x 10			
Species	Euc (E) Non-Euc (N)	Diam (cm)	DBH					
Eucalypts	Avg DBH threshold	RE		Euc Benchr	Euc Benchmark			
	No. Trees	24	No. Trees > = Benchmark/ha		48	No Benchmark		
Non-Eucalypts	Avg DBH threshold	RE		Euc Benchr	Euc Benchmark			
	No. Trees	0	No. Trees > = Benchmark/ha		0	No Benchmark		
100m Transect: Tree and Shrub Canopy Cover			Canopy (C), Subcanopy (SC), Emergent (E), Shrub (S)					
Distance (m)		Type	Distance (m)		Type	Distance (m)		Type
0-5	5	C						
16-43	27	C						
75-80	5	C						
86-100	14	C						
					canopy total		51	
					subcanopy total			
					emergent total			
					shrub total			



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1376			Date	3/03/2021				
Observers	Donovan Sharp, Heath Agnew								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting			Northing				
Plot origin				740436			7063272	1376	
Plot centre				740404		7063229		1377	
Plot Bearing	N			Plot Alignment Description					
Locality	Roma SD 22 Wyena								
Regional Ecosystem and Tree height									
Habitat Description									
Regional Ecosystem	11.7.7		Median Tree canopy Height (m)			20			
	Emergent height (m)		Subcanopy ht (m)			8			
Site Photos	Plot centre	North	6941	South	6942				
Photo Numbers		East	6943	West	6945				
		Plot Origin		other	6945				
Disturbance			100 x 50m Area: Tree SPP. Richness						
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus fibrosa subsp.nubilis			
Wildfire	na					Callitris glaucophylla	Tree Spp. Count		
Prescribed burn	na					Allocasuarina luehmannii	3		
Logging	na								
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cover	<5%				Specimen length (mm)				
Erosion	na								site total m
Regeneration	30%								92
Storm	na								per ha (m)
Other (specify)	na								920
50 x 10m Area		Native Plant Species Richness					Total		
Shrub sp.	Geijera parviflora								
	Acacia shirleyi								
	Psydrax oleifolia								
Grass sp.	Aristida calycina				Capillipedium spicigerum				
	Aristida ramosa				Enteropogon acicularis				
	Eragrostis brownii				*Melinis repens				
	Aristida caput-medusae								
	Panicum laevinode								
	Paspalidium distans								
	Ancistrachne uncinulata								
	*Paspalum urvillei								
Forbs/other sp.	Solanum ellipticum								
	*Malvastrum americanum								
	*Sida corrugata								
	Seringia collina								
	Calotis cuneifolia								
	Solanum coracinum								
	Abutilon oxycarpum								
	Fimbristylis dichotoma								



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1394			Date	4/03/2021					
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)				Bioregion	Brigalow Belt South					
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			728918		7058636	1394				
Plot centre			728959		7058607	1395				
Plot Bearing	Plot Alignment Description									
Locality	Roma SD 22 Myalla									
Regional Ecosystem and Tree height										
Habitat Description	11.7.7 Regrowth after clearing. Occasional relictual emergents									
Regional Ecosystem	11.7.7	Median Tree canopy Height (m)			12					
	Emergent height (m)	21	Subcanopy ht (m)			5				
Site Photos	Plot centre	North	6988	South	6989					
Photo Numbers		East	6990	West	6991					
	Plot Origin			other	6992					
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus crebra	Tree Spp. Count			
Wildfire	na					Callitris glaucophylla	6			
Prescribed burn	na					Acacia burrowii				
Logging	na					Eremophila deserti				
Treatment	na					Eucalyptus fibrosa subsp.nubilis				
						Eucalyptus populnea				
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cover	<5%				Specimen length (mm)					
Erosion	na								site total m	
Regeneration	80%								95m	
Storm	na								per ha (m)	
Other (specify)	na								950	
50 x 10m Area		Native Plant Species Richness					Total			
Shrub sp.	Acacia decora									
	Petalostigma pubescens									
	Philothea difformis									
Grass sp.	Ancistrachne uncinulata									
	Paspalidium distans									
	Aristida caput-medusae									
	Eriachne mucronata									
	Aristida ramosa									
	*Melinis repens									
	*Urochloa panicoides									
Forbs/other sp.	Evolvulus alsinoides									
	Seringia collina									
	Malvastrum americanum									
	Solanum ellipticum									
	Calotis cuneifolia									
	Solanum coracinum									
	Goodenia sp.									
	Sida corrugata									
	Nyssanthes erecta									



North



South



East



West



Ground

Biocondition Datasheet										
Site ID	1396			Date	5/03/2021					
Observers	Donovan Sharp, Heath Agnew									
Site Information:										
100x50m Area:										
Location (GPS reference)				Bioregion	Brigalow Belt South					
Datum	GDA94									
Zone	55 J	Easting		Northing						
Plot origin			740213		7063353	1396				
Plot centre			740196		7063401	1397				
Plot Bearing	N			Plot Alignment Description						
Locality	Roma SD 22 Wyena									
Regional Ecosystem and Tree height										
Habitat Description	grey silty clay remnant									
Regional Ecosystem	11.9.10	Median Tree canopy Height (m)			10					
	Emergent height (m)	22	Subcanopy ht (m)			4				
Site Photos	Plot centre	North	7002	South	7003					
Photo Numbers		East	7004	West	7005					
	Plot Origin			other	7006					
Disturbance					100 x 50m Area: Tree SPP. Richness					
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus woollsiana	Tree Spp. Count			
Wildfire	na					Acacia harpophylla	7			
Prescribed burn	na					Eucalyptus crebra				
Logging	na					Geijera parviflora				
						Eucalyptus populnea				
						Casuarina cristata				
Treatment	na					Hakea lorea subsp. lorea				
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris					
Non-native plant cover	<5%				Specimen length (mm)					
Erosion	na							site total m		
Regeneration	100%								58	
Storm	na							per ha (m)		
Other (specify)	na								580	
50 x 10m Area		Native Plant Species Richness					Total			
Shrub sp.	Eremophila longifolia									
	Capparis lasiantha									
Grass sp.	Aristida caput-medusae									
	Eragrostis brownii									
	Eriochloa pseudoacrotricha									
	Paspalidium distans									
	Ancistrachne uncinulata									
Forbs/other sp.	*Harrisia martinii									
	Solanum ellipticum									
	Seringia collina									
	Solanum coracinum									
	Abutilon oxycarpum									
	Sclerolaena birchii									
	Cyperus gracilis									



North



South



East



West



Ground

Biocondition Datasheet									
Site ID	1819			Date	25/11/2021				
Observers	A Daniel								
Site Information:									
100x50m Area:									
Location (GPS reference)				Bioregion	Brigalow Belt South				
Datum	GDA94								
Zone	55 J	Easting	735424	Northing	7065164				
Plot origin					7065116				
Plot centre									
Plot Bearing	Plot Alignment Description								
Locality	Roma SD 22 Mostyn Station								
Regional Ecosystem and Tree height									
Habitat Description	remnant								
Regional Ecosystem	11.9.7	Median Tree canopy Height (m)			14				
	Emergent height (m)	Subcanopy ht (m)			10				
Site Photos	Plot centre	North	4224	South	4225	S			
Photo Numbers		East	4226	West	4227				
	Plot Origin				other				
Disturbance	100 x 50m Area: Tree SPP. Richness								
Type	mean fire scar height	severity	last event	obs type	Tree Species	Eucalyptus melanophloia			
Wildfire	na					Eucalptus populnea	Tree Spp. Count		
Prescribed burn	na					Eremophila mitchellii	4		
Logging	na					Callitris galucophylla			
Treatment	na								
Grazing	yes	moderate			50 x 20m Area: Coarse woody Debris				
Non-native plant cove	<1				Specimen length (mm)				
Erosion	na								site total m
Regeneration	100								32
Storm	na								per ha (m)
Other (specify)	na								320
50 x 10m Area Native Plant Species Richness Total									
Shrub sp.									
	Geijera parviflora								
	Carissa ovata								
Grass sp.	Arisitda calycina								
	Cenchrus ciliaris*								
	Enteropogon ascicularis								
Forbs/other sp.	Malvastrum amrcianum								
	Abutlion oxycarpon								
	Enchylaena tomentosa								



North



South



East



West

Appendix F

BioCondition data

			connectivity_rating	0
			context_rating	43
			patch_size_ha	6
			25_litter_grd_cov	87
			native_per_grass	3
			non-native_cover	1
			forb_other_sp_richness	4
			grass_sp_richness	7
			shrub_sp_richness	3
			tree_sp_richness	2
			woody_debris_length_ha	770
			shrub_canopy_cover	0
			tree_subcanopy_cov	7
			tree_canopy_cov	62.5
			tree_emergent_cov	NA
			recruitment_canopy_sp	100
			subcanopy_height	0
			canopy_height	9
			emergent_height	NA
			tot_num_large_trees_non_euc_ha	0
			tot_num_large_trees_euc_ha	0
			growth_status	regrowth
re	11.9.10			
			remnant	0
			regrowth	0
			Regrowth	0
			Regrowth	0
siteid				
1334	11.9.10			
1336	11.3.2			
1338	11.9.10			
1340	11.7.6			
1342	11.7.6			

