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These documents remain accurate and relevant and are made available for compliance, transparency and reference purposes. Revised versions incorporating APA branding and references will be progressively updated and published.

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Bingleburra Biodiversity Offset – Annual Report 2025

Prepared for:
Senex

Report issued:
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Glossary of Terms

Acronym	Description
BS Act	<i>Biosecurity Act 2014 (Qld)</i>
CT	Camera Trap
DCCEEW	Department of Climate Change, Energy, the Environment and Water
DETSI	Department of Environment Tourism Science and Innovation(Qld)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999 (Commonwealth)</i>
FY	Financial Year / Reporting Period
GBO	General Biosecurity Obligation
HQS	Habitat Quality Scoring
km	Kilometres
m	Metres
MNES	Matter of National Environmental Significance
NC Act	<i>Nature Conservation Act 1992 (Qld)</i>
OAMP	Offset Area Management Plan
OP	Operational Plan
RE	Regional Ecosystem
sp.	Species (singular)
spp.	Species (plural)
WoNS	Weeds of National Significance

1 Introduction

1.1 Background

The Atlas to Reedy Creek Pipeline (the Project) consists of a buried high pressure natural gas pipeline and associated infrastructure, approximately 57 km in length from the Surat Basin gas tenements southwest of Wandoan to the Reedy Creek to Wallumbilla Pipeline north of Yuleba (as described in EPBC Act referral 2023/09585). The Project is located approximately 20 km southwest of Wandoan and 28 km north of Yuleba, within the Maranoa Regional Council and Western Downs Regional Council local government areas.

The Project was referred under the *Environment Protection and Biodiversity Conservation Act 1999 (Cth)* (EPBC Act) (EPBC 2023/09585), with a decision made on 15 August 2023 that the Project is a controlled action requiring assessment and approval under the EPBC Act. The relevant controlling provision, or Matters of National Environmental Significance (MNES), is listed threatened species and vegetation communities (sections 18 and 18A, EPBC Act). The Department of Climate Change, Energy, the Environment and Water (DCCEEW) has assessed that biodiversity offsets are required for the following listed threatened species:

- koala (*Phascolarctos cinereus*);
- greater glider (southern and central) (*Petauroides volans*); and
- south-eastern glossy black cockatoo (*Calyptorhynchus lathami lathami*).

The Project will acquit more than 100% of its MNES offset requirements through direct land-based offsets on the Bingleburra property, being Lot 19, Lot 21 and Lot 22 on plan NT28 (the Property). Bingleburra has been secured as a suitable property to offset the residual impacts to MNES species habitat for koala, greater glider and south-eastern glossy black cockatoo, in accordance with the EPBC Act and utilising the Offsets Assessment Guide published by DCCEEW.

A wholly owned subsidiary of Senex, and a related entity of ARCP/L, purchased the Property for the sole purpose of biodiversity offsets.

Importantly, Senex's purchase of the Property for an offset prevented the chemical treatment (pelleting) to permanently kill 500 hectares (ha) of vegetation across the Property, currently a common practice for areas of Category X (Cat X) vegetation occurring on country in the Brigalow Belt.

The Commonwealth approved *Offset Area Management Plan: Bingleburra Property* (Revision 3, dated 18 April 2024) (the "OAMP") sets out the management objectives, actions and monitoring schedule (Ausecology, 2024). Implementation of the OAMP commenced on the 1st of July 2024.

2 Scope

This report details progress against the management objectives outlined in the OAMP, as well as additional considerations in the Operational Plan (OP) and EPBC Conditions (Table 2-1). The reporting period covers the financial year July 2024 to June 2025 (FY 24/25), as well as additional activities undertaken up to the submission of this report. In accordance with OAMP requirements, this report provides annual compliance updates on the following activities:

- Operational reporting
- Biosecurity management
- Livestock management
- Fencing

- Access tracks
- Fire management
- Vegetation condition assessments
- Nestbox monitoring

Supplementary reports provide detailed updates on fire management, baseline vegetation condition and habitat quality, nestbox monitoring, pest fauna management and baseline monitoring (Appendices A to F).

While not specifically required under the OAMP, this report also includes an update on the occurrence of target MNES within close proximity to the offset and the survey effort associated with their detection.

Table 2-1 Summary of Atlas to Reedy Creek Pipeline (EPBC 2023/09585) approval conditions (sourced from Approval Notice dated 7 June 2024) and supporting report sections.

Numbered Item	Condition	Completed
7	To compensate for the residual significant impacts of the Action on protected matters, the approval holder must commence implementing the Offset Area Management Plan (OAMP) prior to commencement of the Action and continue to implement the OAMP at least until the expiry of this approval.	OAMP commenced 1 July 2024, prior to Action commencement 7 July 2024
8	The approval holder must, within 5 business days of commencing implementation of the OAMP, notify the department of the date on which implementation of the OAMP commenced.	OAMP commenced 1 July 2024, prior to Action commencement 7 July 2024
9	To compensate for the residual significant impacts of the Action on protected matters, the approval holder must, within 3 months of commencement of the Action, irrevocably submit an application to secure the offset site to the state agency responsible for the provision of a voluntary declaration.	Department Notified 1 July 2024
10	Within 12 months of the commencement of the Action, the approval holder must ensure that the offset site has been legally secured. The approval holder must ensure that the offset site remains secured at least until the expiry date of this approval.	Application submitted 17 July 2024
11	The approval holder must notify and provide evidence to the department in writing within 5 business days of the offset site being secured.	Department notified and provided evidence 16 May 2025
12	The approval holder must ensure that all completion criteria are achieved across the offset site within 20 years of the commencement of the Action and are thereafter maintained or exceeded at least until the expiry of this approval.	Ongoing

3 Presence of Target MNES

All target MNES were observed within the Property during the July 2024 - June 2025 reporting period. The following section describes the spotlighting effort undertaken, which resulted in the observation of koala and greater glider.

Five rounds of spotlighting were undertaken by suitably qualified ecologists during the reporting period. Areas containing suitable greater glider and koala habitat (*Eucalyptus* woodlands) were prioritised, as these areas are likely to provide suitable habitat and connectivity between the offset area and the adjoining Jarrah State Forest.

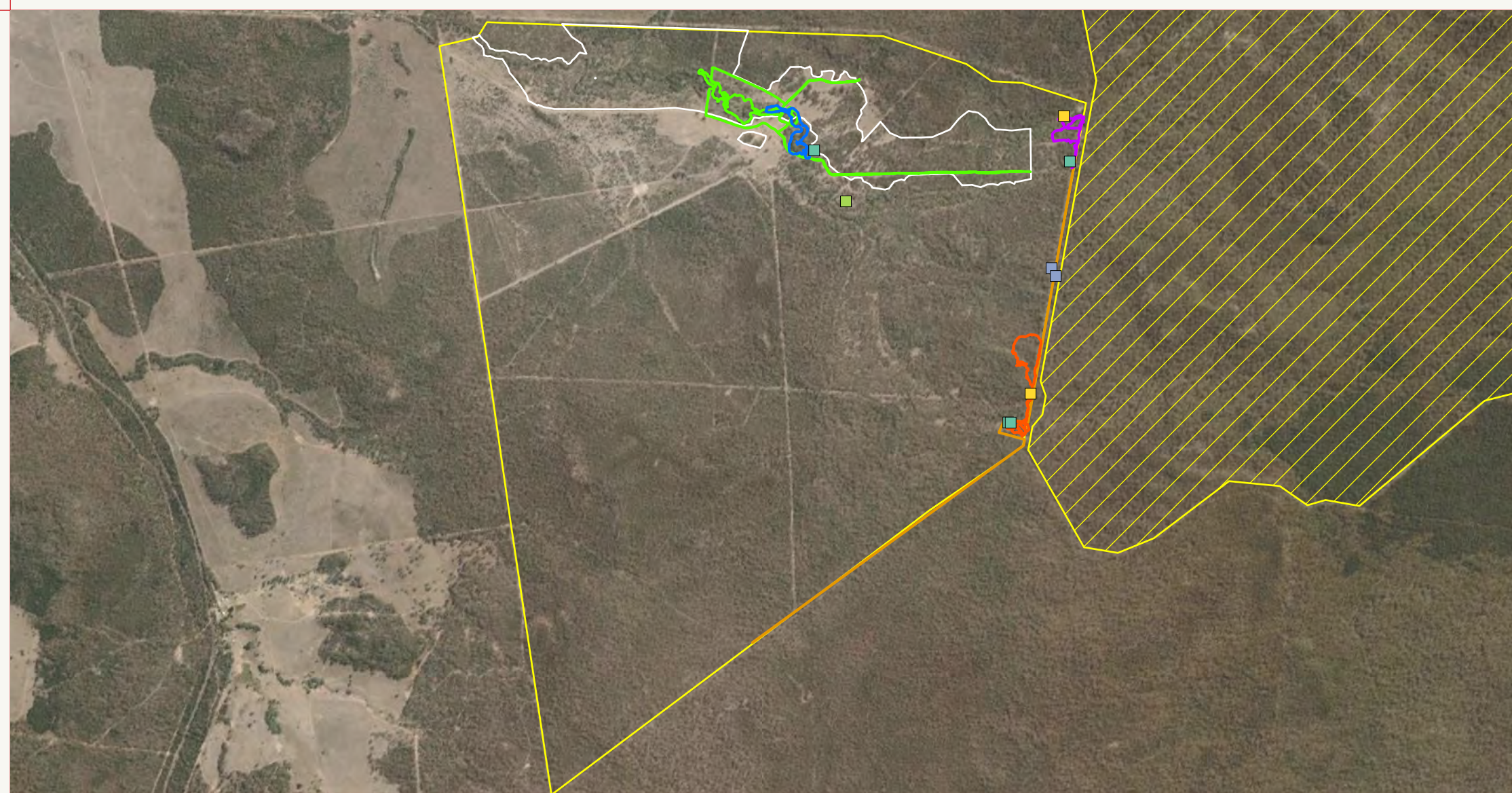
Table 3-1 provides a summary of spotlighting effort and results. A total of 19.5 person-hours was completed across the reporting period. Noting that driving was restricted to established tracks to minimise biosecurity risks.

Mapping of protected species occurrence and their state and federal listing status, and spotlighting tracks are presented Figure 3-1.

Ten glossy black cockatoos were observed within the Property during the reporting period. Details regarding the incidental observations of glossy black cockatoos are provided in the Nestbox report. A list of all fauna observations recorded across the Property during the FY24/25 is provided in Appendix A.

Table 3-1 Summary of spotlighting effort and results from the FY24/25

Spotlighting Survey during FY24/25	Duration (total person minutes)	Species Records	Reference
SP01 October 2024	Total: 2 person hours 1 hour with 2 ecologists	2 x greater gliders (<i>Petauroides volans</i>) 1 x koala (<i>Phascolarctos cinereus</i>)	Map of Protected species records, including target MNES, and spotlighting tracks: Figure 3-1
SP01 May 2025	Total: 4 person hours 2 hours with 2 ecologists	1x golden tailed gecko (<i>Strophurus taenicauda</i>)	
SP02 May 2025	Total: 7 person hours 3.5 hours with 2 ecologists	Nil recorded	
SP01 June 2025	Total: 4 person hours 2 hours with 2 ecologists	Nil recorded	
SP01 July 2025	Total: 4.16 person hours 2.083 hours with 2 ecologists	1x golden tailed gecko (<i>Strophurus taenicauda</i>)	



	Offset Area	Species Name (NCA/EPBC Listing)		Golden-Tailed Gecko (NT/-) - 2025	Spotlighting Tracks		SP01 June 2025
	Property Boundary		Greater Glider (E/E) - 2024				SP01 October 2024
	Forestry Lease Area		Koala (E/E) - 2024				SP01 July 2025
			Glossy Black-Cockatoo (eastern) (V/V) - 2025				SP02 May 2025

4 Operational Reporting

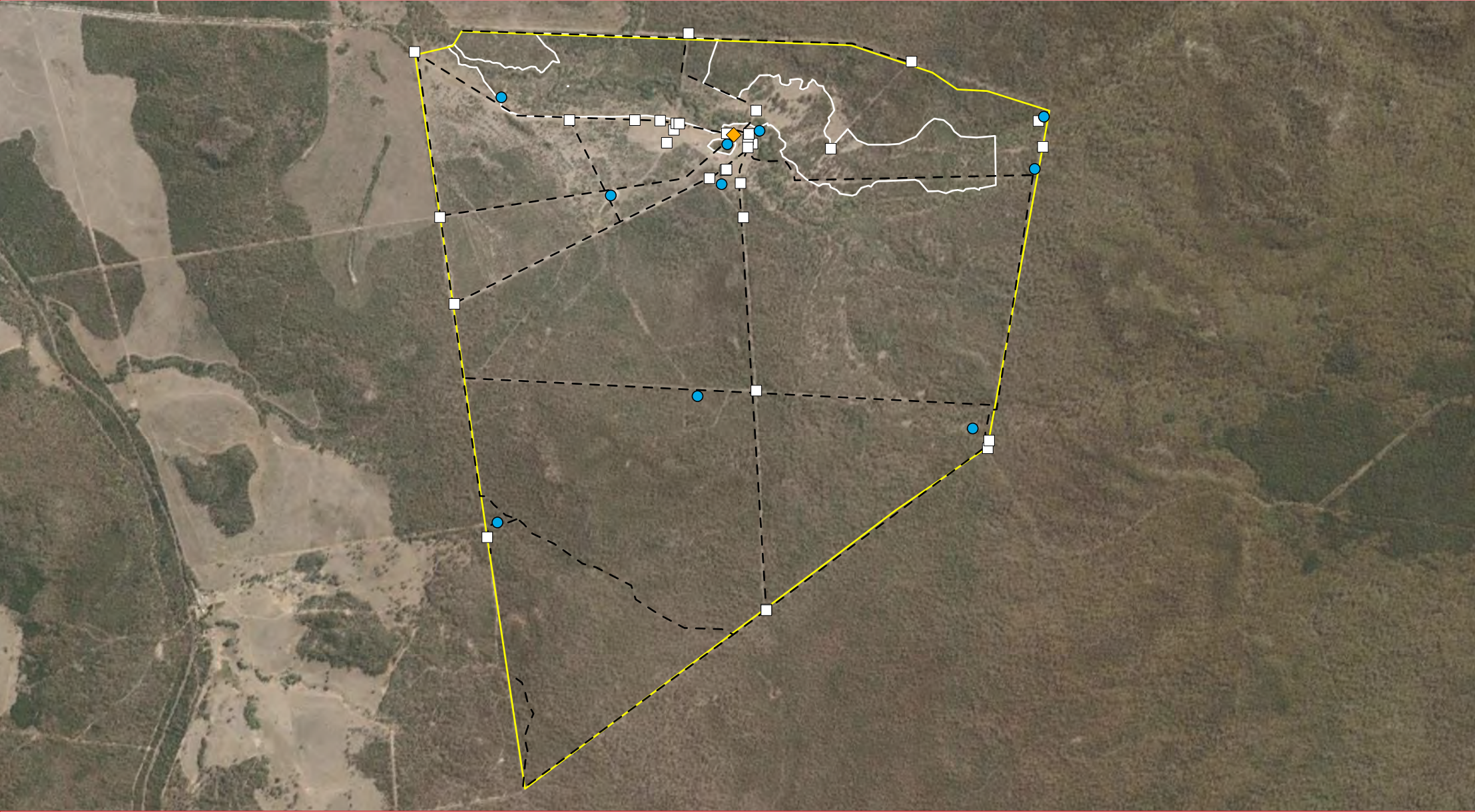
Operational management activities were implemented in line with OAMP requirements during the FY 24/25. Table 4-1 summarises the security measures and infrastructure audits completed, with reference to relevant sections and figures. Table 4-1

Table 4-1 Summary of requirements and actions undertaken during 24/25 FY relating to operational management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference
Site inspection and/or maintenance items (e.g. fence audit, fire break networks, weed treatment etc)	Annually	<ul style="list-style-type: none"> ▪ Weed Treatment ▪ Biannual fencing and access track inspection ▪ Fire break network installation and inspection 	<ul style="list-style-type: none"> ▪ Section 5 ▪ Section 7 ▪ Section 9
Installation of signage and locks at all site entry points	Once off at OAMP commencement	<p>All gates secured, with locks installed at all entry point (September 2024)</p> <p>Signage has been intentionally omitted to minimize the risk of attracting unwanted attention and unauthorized access</p>	Figure 4-1 to Figure 4-2



Figure 4-1 Securing the Property, locking entry points September 2024 (left and right).



Offset Area
Property Boundary

Infrastructure
Gate

House
Water Supply Points

Approved Access Only

Figure 4-2
Operational Plan Implementation
Bingleburra Offset

5 Biosecurity Management

5.1 Pest Flora

Note that no specific targeted management actions for pest flora have been specified in the OAMP given the low baseline density and limited direct threat to the specific matters being offset on Bingleburra. Rather, the OAMP specifies only that the General Biosecurity Obligation under the *Biosecurity Act 2014* be fulfilled. Some additional actions were identified in the Operational Plan relating to weed hygiene that have also been captured in Table 5-1 below.

Table 5-1 Summary of pest flora requirements and actions undertaken during this report period

Management Action Required in OAMP/OP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference
All reasonable and practical measures must be taken to prevent or minimise biosecurity risks in accordance with the General Biosecurity Obligation (GBO) under the <i>Biosecurity Act 2014</i> (Department of Primary Industries, 2025)	For the life of the offset	Targeted treatment applied to recorded Category 3 restricted weeds.	Figure 5-1
Weed hygiene inspections and/or washdowns are to be conducted for all equipment	For the life of the offset	All vehicles required to hold current weed hygiene certificates upon site entry	N/A
Vehicles and machinery are to utilise existing access tracks and/or fire management lines, actively avoiding driving 'off-track' where possible	For the life of the offset	Approved access track map established	Figure 4-2

5.1.1 Weed Treatment Works

A total of eight hectares of bushland weed control and 2.5 km of track-based weed control was undertaken during May 2025. Targeted treatment was applied to previously recorded Category 3 restricted weeds throughout the offset, as well as targeting a growing infestation of Mother-of-millions (*Bryophyllum spp.*) and *Opuntia spp.* (Figure 5-1). During targeted treatment a new Category 3 restricted weed; *Macfadyena unguis-cati* (syn. *Dolichandra unguis-cati*; cats claw creeper) was detected near the old house block in the centre of the offset area. Immediate treatment was undertaken, and the infestation was mapped for follow-up monitoring. No spread beyond the initial patch was recorded.

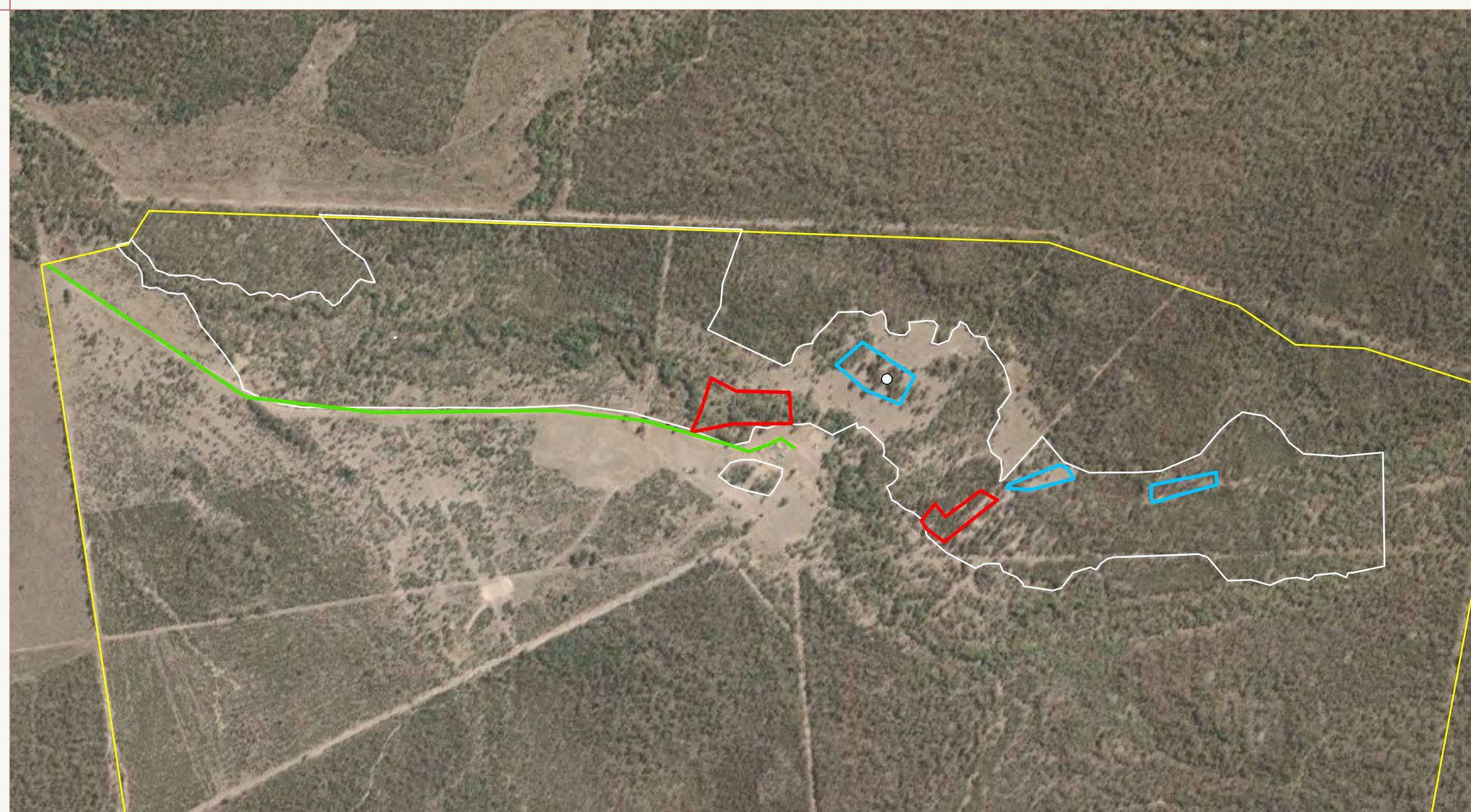
While no formal corrective action triggers are defined in the OAMP for biosecurity, the detection of cat's claw creeper highlights the importance of ongoing monitoring and treatment. Rapid management action minimised

the risk of establishment, demonstrating compliance with the General Biosecurity Obligation (GBO) under the *Biosecurity Act 2014*.

Continue bi-annual treatments and inspections will be conducted where required, along with a review of efficacy of treatment and documentation of opportunistic sightings.

5.1.2 Weed Hygiene

All vehicles and machinery entering the site were required to hold a current weed hygiene certificate. While accessing the Property all vehicles utilised existing access tracks and/or fire management lines, avoiding driving 'off-track' where possible.



Offset Area
Property Boundary

Weed Treated
○ Cats claw creeper (*Macfadyena unguis-cati*)

Non-native grass species
Mother-of-millions (*Bryophyllum* spp.)

Mother-of-millions (*Bryophyllum* spp.) and prickly pear (*Opuntia* spp.)

5.2 Pest Fauna

Two camera trap (CT) monitoring events throughout late 2024 and early 2025 detected six pest fauna species accounting for 142 individual occurrence records, while incidental records presented 62 individuals. Three 'priority' pest fauna species were recorded - European hare (*Lepus europaeus*), feral cat (*Felis catus*) and feral pig (*Sus scrofa*). However, no direct evidence of pest species browsing on recruiting *Eucalyptus spp.* or *Allocasuarina spp.* was observed.

Table 5-2 below summarises the pest monitoring actions required from the OAMP and any other sources along with a summary of actions undertaken and supporting information.

Table 5-2 Summary of requirements and actions undertaken during 24/25 FY relating to pest fauna management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Recommendation
Random Encounter Model (REM) and targeted camera traps	First year; Baseline survey (2 x a year; Jan – Mar and Sept – Nov)	Two rounds of CT monitoring using REM model completed in Sept – Nov 2024 and Jan – Mar 2025 Livestock detected within Property in July 2025 were immediately removed and fence line repaired	Undertake pest management on annual basis focusing on 'priority' pest species
Camera trapping database and Opportunistic observations	Updated Annually	CT database and opportunistic observations documented in Pest Monitoring Baseline Report attached (see reference)	

6 Livestock Management

All domestic livestock (cattle and horses) were removed from the property prior to OAMP commencement in July 2024.

Occurrences of livestock were monitored and managed under the pest fauna management and monitoring plans.

Table 6-1 below summarises the livestock monitoring actions required from the OAMP and any other sources along with a summary of actions undertaken and supporting information.

Table 6-1 Summary of requirements and actions undertaken during 24/25 FY relating to livestock management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY
Removal of all livestock from Offset Area (cattle and horses)	First year	All domestic livestock (cattle and horses) were removed from the property prior to OAMP commencement in July 2024.
Any livestock presence to be reported upon	Updated Annually	Livestock detected within Property in July 2025 were immediately removed and fence line repaired

7 Fencing

Table 7-1 summarises the internal fence removals, external fence maintenance and audit activities undertaken, including dates and reference document links. Figure 7-1 illustrates the process of barbed wire fence removal.

Table 7-1 Summary of compliance with OAMP requirements for fencing and evidence of works completed

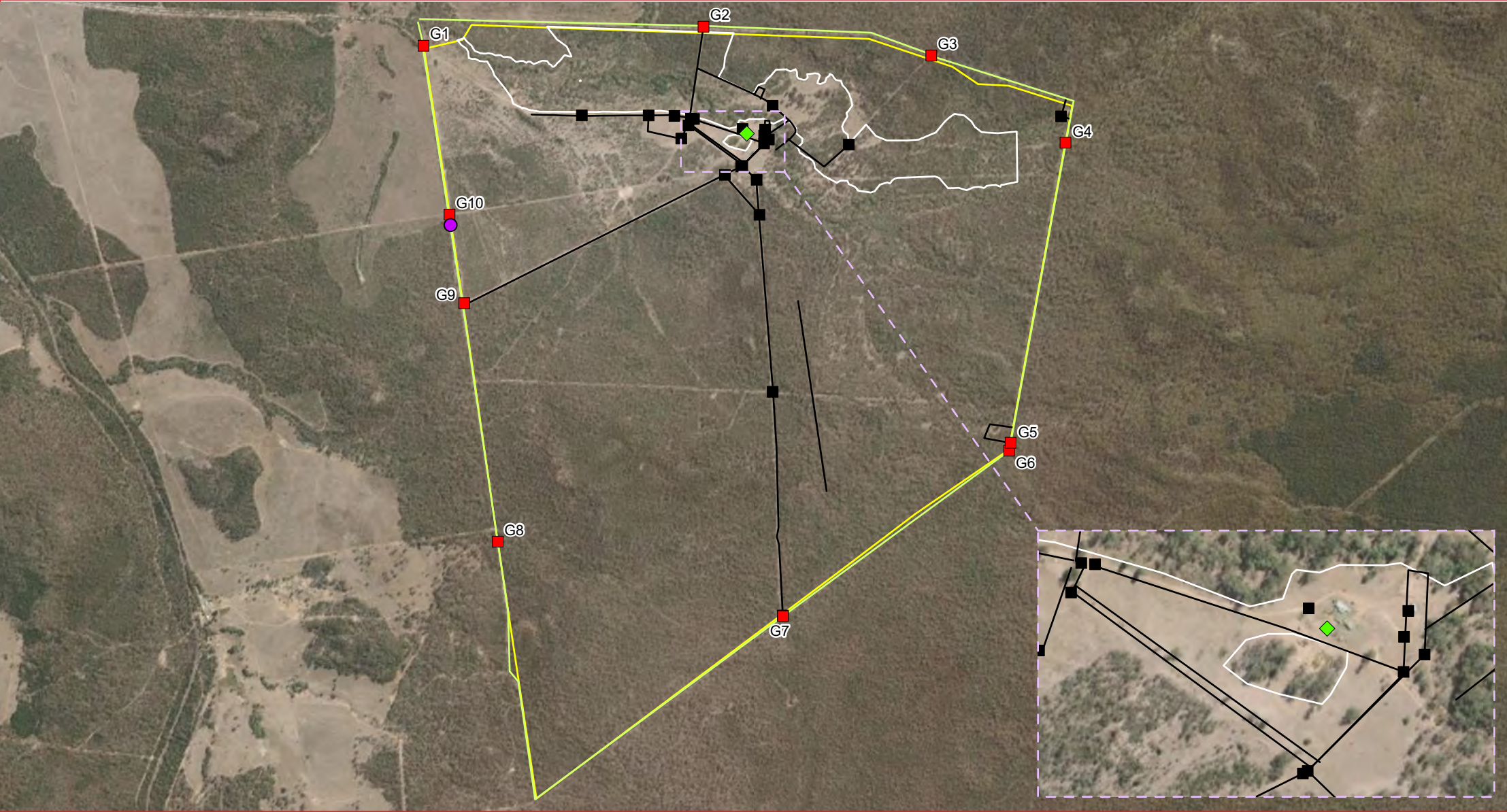
OAMP Requirement	Timing required in OAMP	Actions Undertaken 24/25 FY	Dates	Reference	Recommendations
Fencing will be maintained to ensure neighbouring livestock remain excluded from the offset	Ongoing	The Property is fenced off from adjacent properties Fencing breaches were repaired ¹	Initial fence repair: September 2024 Secondary fence repair: July 2025	Figure 8-3	Streamline fence audit mapping to ensure full property coverage, with maintenance needs identified and works scheduled promptly.
All internal fences, specifically barbed wire, will be removed from the Offset Area	First year	Internal barbed wire fences (total 14 km) removed	September 2024	Figure 7-2	
Biannual fencing inspections will be conducted with details reported in the annual report	2x year	Biannual inspections completed and no outstanding maintenance identified after repair of fencing	October 2024 April 2025 July 2025	Figure 8-4	

¹ Noting that due to the immediate repair of the July 2025 fencing breach, it is not displayed on the map.

OAMP Requirement	Timing required in OAMP	Actions Undertaken 24/25 FY	Dates	Reference	Recommendations
		breach in July 2025			



Figure 7-1 Internal removal conducted in September 2024 (left: removal from offset area, right: removal from Property)



Offset Area

Fence Maintenance

Property Infrastructure

Gate - Condition

Fence - Condition

Property Boundary

Repaired Breach

Shed

Existing - Lock and Maintain

Decommissioned

Decommissioned

Existing - Maintain and Monitor

8 Access Tracks

An internal and external access track plan has been developed alongside the fire management plan to ensure tracks are appropriate fire breaks (refer to Figure 4-2 and Figure 9-5 . As well as Section 9 below).

Grading works were completed in October 2024 (Figure 8-1 - Figure 8-3). Access tracks and fence lines were audited in March, April and July 2025, with any overgrown vegetation, erosion or other issues documented to schedule appropriate maintenance (Figure 8-4).

Table 8-1 summarises the access track maintenance and audit activities undertaken, including dates, reference document links and recommendations.

Table 8-1 Summary of compliance with OAMP requirements for access tracks and evidence of works completed

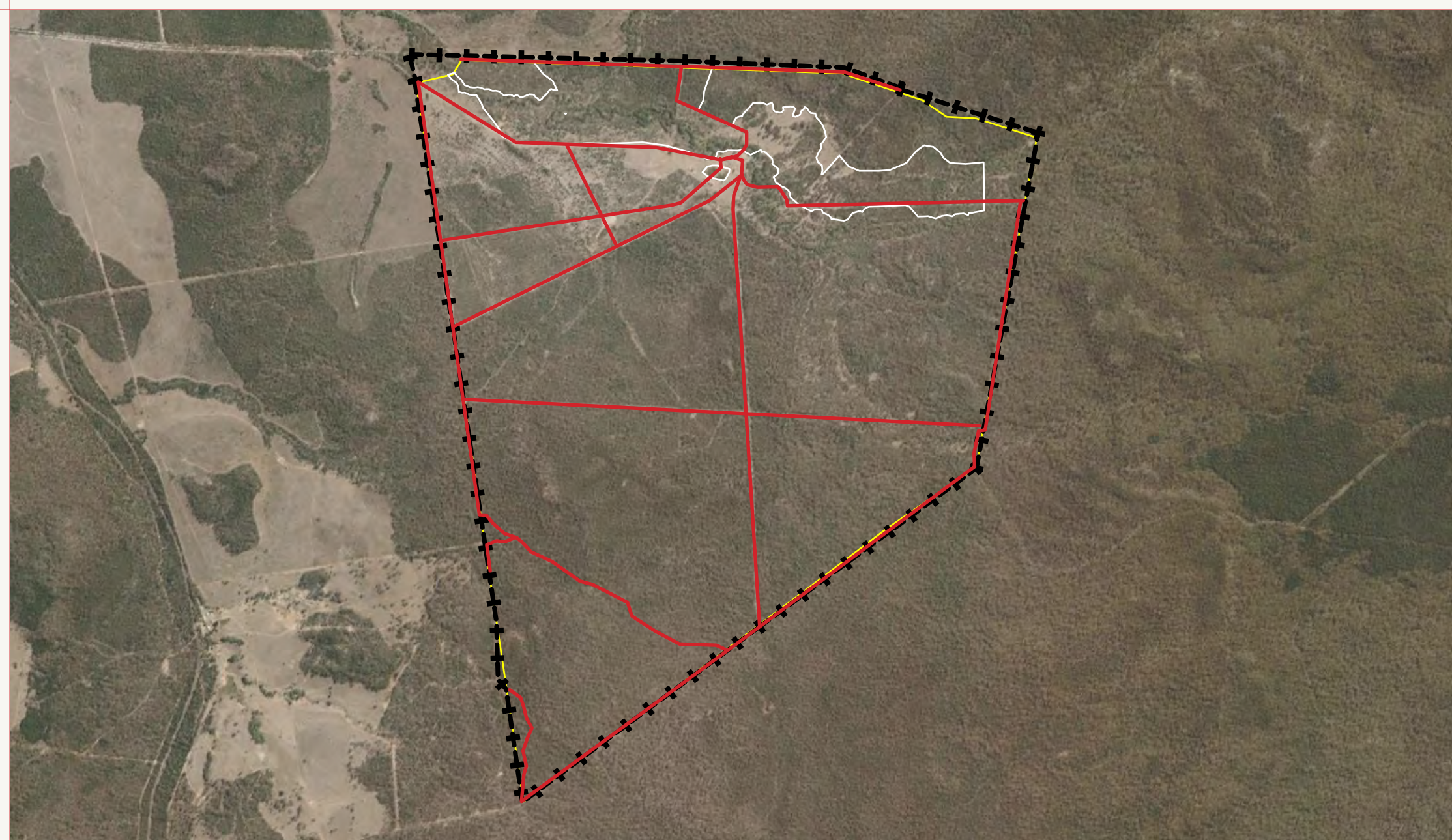
Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference	Recommendation
Development of internal and external access track plan	Installation first year, annual and opportunistic inspections and maintenance	Approved access track map established prior to OAMP commencement	Figure 4-2	Continue annual and opportunistic monitoring and reporting of any maintenance needs
Grading and maintenance of access tracks		Grading of all access tracks completed in October 2024	Figure 8-3	Slashing of overgrown track areas (where required) to be scheduled



Figure 8-1 Graded access track / fire break



Figure 8-2 Graded access track / fire break



 Offset Area  Property Boundary  Graded Access Tracks/Firebreaks - 2024  Retained Fencelines

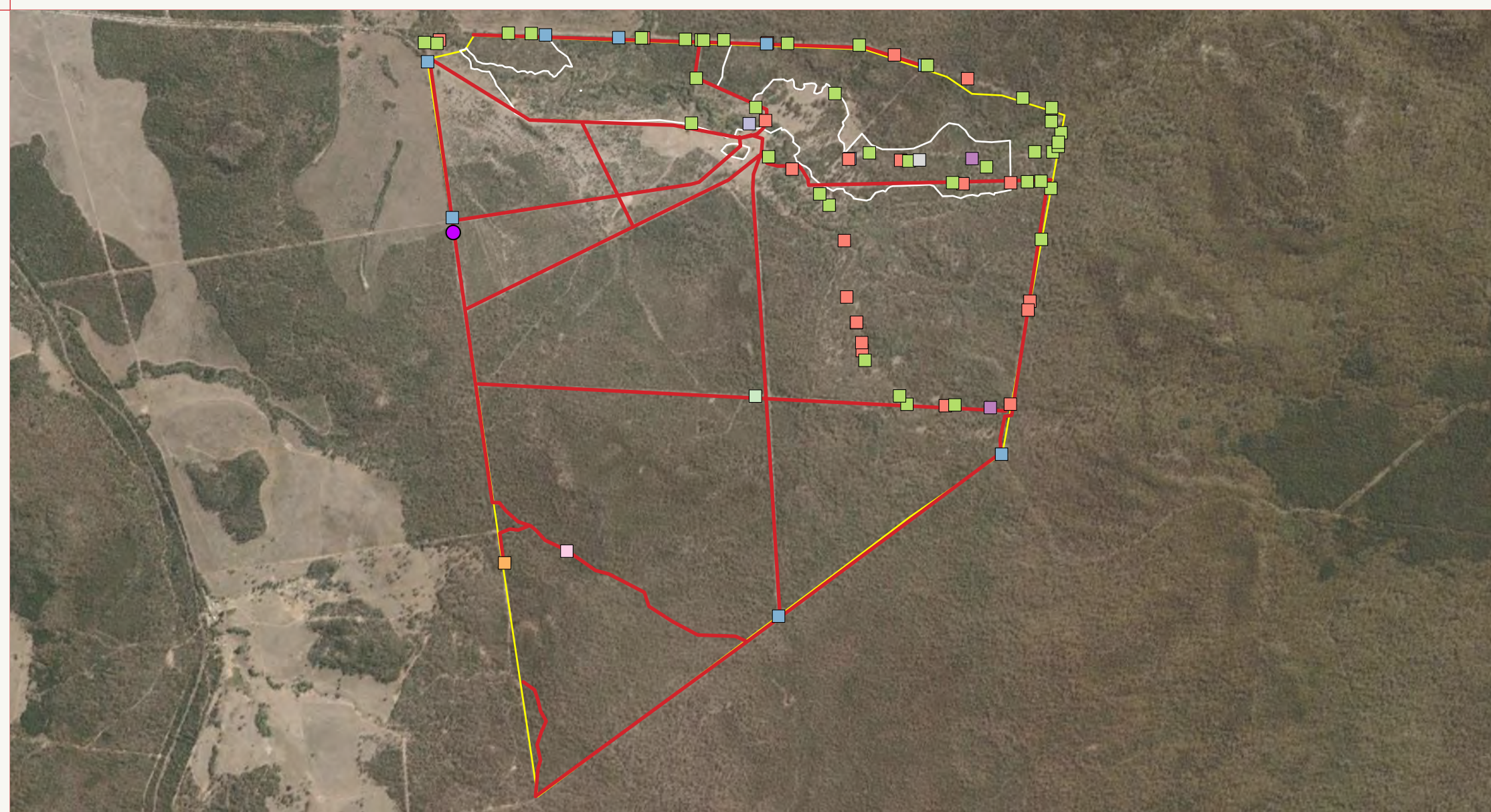


Figure 8-4

Maintenance and Monitoring of Access Tracks/Firebreaks

Bingleburra Offset

9 Fire Management

Table 9-1 below summarises the fire management actions required from the OAMP and any other sources along with a summary of actions undertaken and supporting information. The subsections following Table 9-1 provide additional detail for each line item included.

Table 9-1 Summary of requirements and actions undertaken during 24/25 FY relating to fire management

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY	Reference
Undertake ecological burns, post-burn assessment and reporting	In line with RE guidelines (REDD, 2023)	Burn plans established for sections of Management Blocks 2,3 and 4/5. To be undertaken in 2025-2026.	Burn Plan
Fire fuel load assessments	2 x a year	Fuel load assessment completed in June 2025	Section 0
Installation of fire management lines	Installation first year	Fire breaks established and graded in October 2024	Figure 8-3
Fire management line inspection and maintenance	2 x a year monitoring, maintenance as required	Fire breaks were audited in October 2024 following grading and then in April and July 2025	Figure 8-4
A bushfire management plan will be developed for the Property and will include details on fire preparedness, fire break network and an ecological burn program	Not specified	Operational bushfire planning undertaken in the Bingleburra Operational Plan dated April 2024	Refer to Operational Plan

9.1 Ecological Burns

No prescribed burns were undertaken directly in the offset during 2024/2025. Two operational burn plans have been established for implementation in 2025-2026. These burns encompass part of management blocks 2 and 3, as well as part of blocks 4 and 5 as specified in the Bingleburra Operational Plan. This will include reducing the fuel load around the former house block. Fire Fuel Load Assessments

Fuel hazard assessments were undertaken in June 2025 in alignment with Hines et al. (2010) and long term sites established for future monitoring. Fuel load was generally low with a handful of sites scoring above 8 tonnes per

hectare of fuel. Those sites showed very little correlation or pattern spatially, and no trends of areas of particularly high fire risk were observed (Figure 9-5). In future monitoring rounds, this will help inform areas recommended and selected for prescribed burns.

Table 9-2 Fuel Hazard Assessments conducted in June 2025. All sites above 8 tonnes per hectare highlighted in orange

FLA Site Code	Coordinates	Total Fuel Load (t/ha)	Grass Curing (%)
FL 1	-26.2072,150.7473	3.8	50
FL 2	-26.2044,150.7350	3.1	50
FL 3	-26.2055,150.7520	4.0	50
FL 4	-26.2118,150.7746	5.7	30
FL 5	-26.2114,150.7672	3.6	60
FL 6	-26.2103,150.7708	8.5	50
FL 7	-26.2069,150.7755	6.5	50
FL 8	-26.2161,150.7736	7.3	50
FL 9	-26.2259,150.7716	9.2	50
FL 10	-26.2093,150.7608	3.6	40
FL 11	-26.2059,150.7603	6.5	40
FL 12	-26.2063,150.7640	9.7	30
FL 13	-26.2029,150.7579	6.9	50
FL 14	-26.2023,150.7464	8.2	50
FL 15	-26.2020,150.7401	4.8	60



Figure 9-1 Fuel load at FL12



Figure 9-2 Fuel load at FL9

9.2 Installation and Maintenance of Fire Management Lines

Fire breaks highlighted in Figure 8-3, were graded in October 2024. Additionally, these fire-breaks were monitored in March, April and July 2025, and overgrown and ineffective areas were documented for maintenance (Figure 8-4). Ongoing monitoring twice per year will be integral to ensuring these all remain functional as fire breaks in the event of a wildfire or prescribed burn operations. As per the recommendations in Table 8-1, slashing of overgrown track areas (where required) is to be scheduled, with a date to be determined in September 2025.



Figure 9-3 Graded access track / fire break



Figure 9-4 Graded access track / fire break

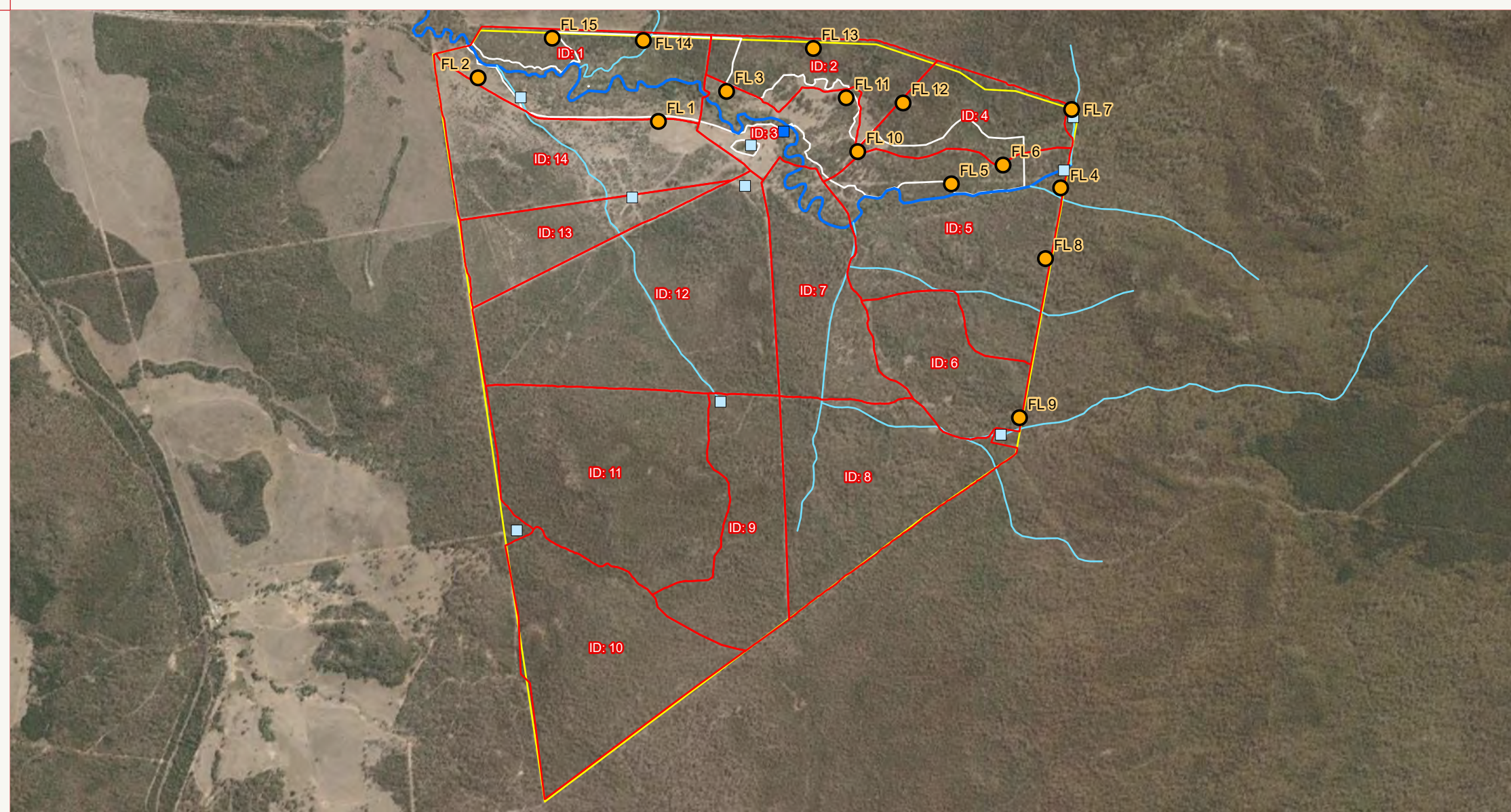
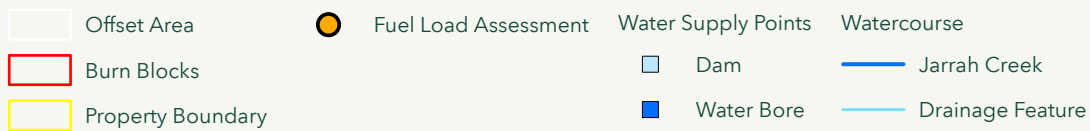
9.3 Development of Bushfire Management Plan

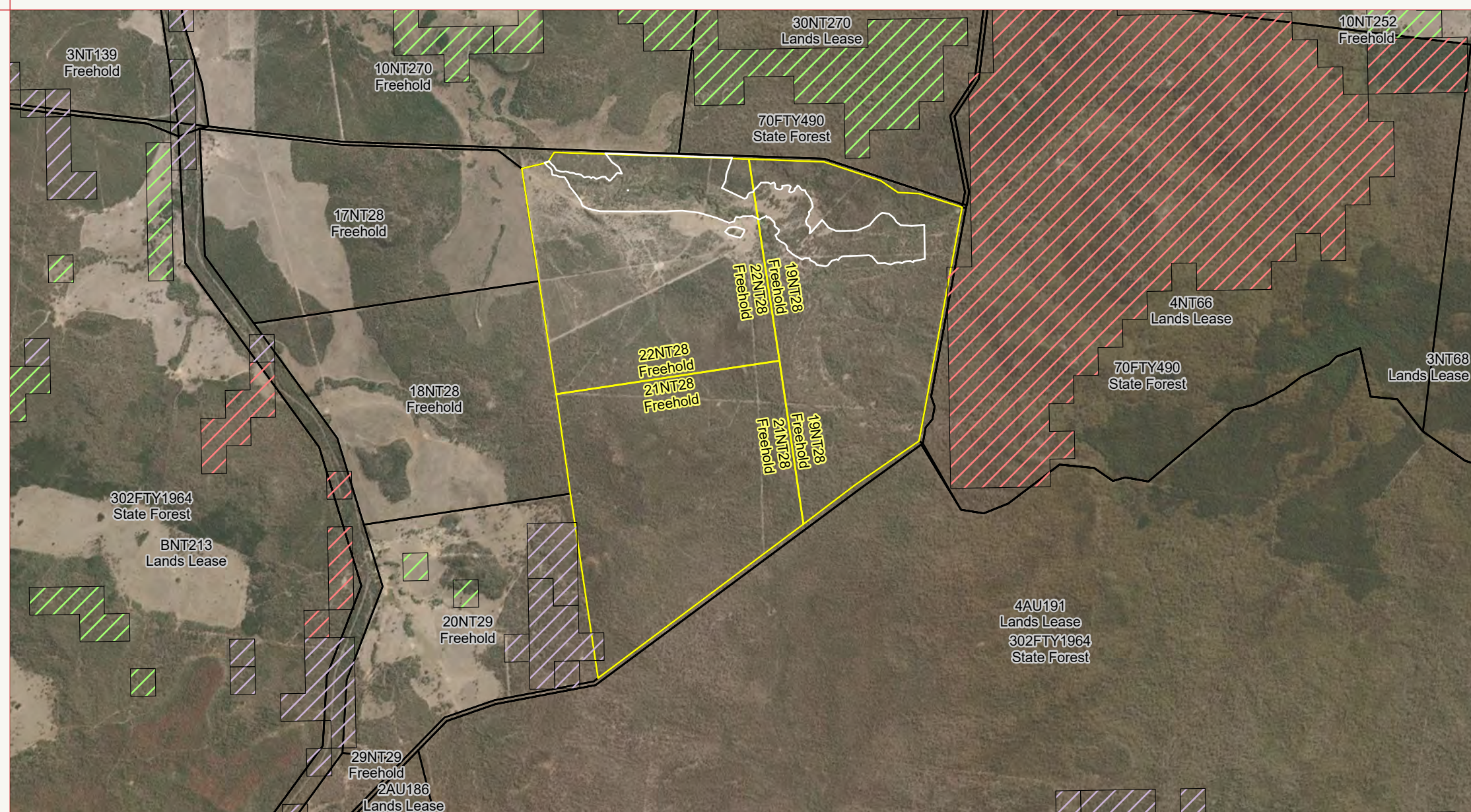
While no standalone bushfire management plan has been developed, the key components of a bushfire management plan are contained within the Bingleburra Operational Plan dated April 2024 and the Burn Plan. This includes the following:

- Establishment and mapping of operational fire management blocks
- Identification of vegetation types and recommended fire regimes in accordance with RE Guidelines
- Identification and mapping of key fire management infrastructure such as dams, tanks and other water points
- Mapping and recommendations for require fire management lines (that have now been implemented)

9.4 Additional Notes

There has been no evidence of uncontrolled fire within the Property as noted in the updated fire scar mapping (Figure 9-6). As shown in the fire scar mapping, neighbouring landholders including State Forestry burned various section of surrounding properties. Any evidence of uncontrolled fire within the Property is required to be opportunistically recorded during site visits, and no evidence was documented during the reporting period.





Offset Area
 Surrounding Properties
 2024 Fire Scars
 August
 September

Property Boundary
 July

10 Vegetation Condition Assessment

Permanent BioCondition plots were established during this reporting period that will be monitored yearly for the life of the offset. These were monitored in accordance with the Queensland *BioCondition Assessment Manual* (Eyre et al., 2015). Habitat quality scoring was also undertaken during this reporting period to timestamp the establishment of permanent monitoring plots following adoption of the OAMP. Habitat quality scoring however, will only occur every 5 years for the remainder of the offset.

In summary, minor increases in habitat quality were recorded for all target MNES since pre-offset scoring. Overall rounded HQS for greater glider and koala remained at five, while glossy black cockatoo increased from five to six. Baseline monitoring indicates that vegetation condition and habitat quality for all target MNES have shown early positive trends since OAMP commencement.

Vegetation condition scores for each Regional Ecosystem (RE) identified within the offset are presented in Table 10-1. All sites represent assessment units contributing to the OAMP habitat quality calculations and many sites have been replicated exactly. Thus, it is possible to compare total BioCondition score. BioCondition datasheets and photo monitoring data is provided in within Appendix B. Note that future photo monitoring is to occur at the centre point of each long-term plot facing forward, 90 degrees right, back and 90 degrees left along the transect centreline.

Table 10-1 Brief summary of Vegetation Condition Assessments and key data in accordance with the OAMP

Site ID ²	RE	Condition	Vegetation Condition Score	Total Possible Vegetation Condition Score	Canopy Height (m)	Canopy Cover (%)	Tree Richness	Shrub Richness	Grass Richness	Forbs and other richness	Non-native cover (%)
BC11	11.5.4	Remnant	66	80	19.0	25.9	5	4	7	11	2
BC12	11.5.21	Remnant	64	80	19.2	12.2	6	8	6	9	3
BC13	11.5.20	Remnant	68.5	80	22.6	72.3	6	5	18	14	1
BC15	11.3.27b	Remnant	61	80	22.7	60.3	5	5	4	7	6
BC16	11.3.25	Remnant	64	80	26.2	80.2	7	10	13	17	9
BC31	11.5.20	Remnant	67.5	80	27.8	33.0	9	9	15	11	1
BC35	11.3.2	Regrowth	50	80	11.8	33.0	6	7	11	10	6
BC38	11.3.4	Regrowth	44	80	15.1	32.0	7	8	16	15	17
BC47	11.3.4	Remnant	58	80	24.5	54.4	8	11	16	14	14
BC48	11.5.20	Non-remnant	37.5	80	16.9	0	6	2	16	1	6
BC49	11.3.2	Remnant	58.5	80	15.1	46.9	9	5	15	12	2

² Note that 3 additional sites were established but not monitored due to timing constraints. This is highlighted further in Appendix D

11 Nest Box Program

In summary, 30 rear entry nest boxes for the greater glider and 30 Cockatubes were installed in October 2025 throughout the offset area.

Overall, no evidence of Cockatube usage by target species was recorded during the reporting period. Two nestboxes were occupied by squirrel gliders and one by a green tree frog during monitoring Round One. During Round Two, there was six unoccupied nestboxes which did however contain dreys across both monitoring rounds.

Table 11-1 below summarises the nestbox monitoring actions required from the OAMP with a summary of actions undertaken and supporting information. EPBC conditions and a summary of compliance is provided within the nestbox report.

Table 11-1 Summary of requirements and actions undertaken during 24/25 FY relating to nestbox monitoring

Management Action Required in OAMP	Timing Required in OAMP	Actions Undertaken 24/25 FY
Nestboxes to be implemented for use by greater gliders and glossy black cockatoos.	Not specified	A total of 60 artificial hollows (30 nestboxes and 30 Cockatubes) were installed between 14–18 October 2024
Nestboxes to be maintained in good condition.	2 x a year	Nestbox monitoring undertaken over April/May and June/July 2025

12 Supplementary Actions

Table 12-1 summarises supplementary actions taken during the reporting period which were not specifically prescribed by the OAMP but were necessary hazard reduction measures.

Table 12-1 Supplementary hazard reduction actions taken within Bingleburra, not prescribed by the OAMP

Supplementary Actions	Actions Undertaken 24/25 FY	Date
Waste removal	Removal of decommissioned internal fence material, existing fuel, and other waste materials	Works completed September 2024
Ignition source disconnection	All infrastructure and assets with ignition or flammability risk around the house block including fuel supplies, electricity connection etc have all been eliminated	Works completed October 2024
Monitoring of water sources	<ul style="list-style-type: none"> Mapping of water source points - Figure 4-2 Monitoring of structural integrity 	<ul style="list-style-type: none"> April 2025 Ongoing



Figure 12-1 Waste removal conducted in September 2024 (left: metal scrap waste, right: fuel waste – both removed off site and disposed off)

13 Conclusions and Recommendations

Table 13-1 Provides a summary of all OAMP objectives and compliance actions undertaken for the reporting period FY24/25.

Table 13-1 Summary of OAMP objectives, monitoring and reporting requirements, compliance with monitoring methods, occurrence of corrective action triggers, progress towards completion criteria, and recommendations for future management

OAMP Objective	Monitoring / Reporting Requirement ³	Recommendations
Operational Management Monitoring	Site inspection and/or maintenance items (e.g. fence audit, fire break networks, weed treatment etc) Installation of signage and locks at all site entry points	Complete site inspections as required by OAMP, with maintenance actions implemented as soon as practicable
Livestock Management	Removal of all livestock from Offset Area (cattle and horses) livestock presence or evidence of livestock presence to be reported upon in the annual report	Continue fence line inspections during access track monitoring and rectify any breaches as soon as possible
Weed Treatment	All reasonable and practical measures must be taken to prevent or minimise biosecurity risks in accordance with the General Biosecurity Obligation (GBO) under the <i>Biosecurity Act 2014</i> (Department of Primary Industries, 2025) Weed hygiene inspections and/or washdowns are to be conducted for all equipment Vehicles and machinery are to utilise existing access tracks and/or fire management lines, actively avoiding driving 'off-track' where possible	Continue bi-annual treatments and inspections where required, review efficacy of treatment and documentation of opportunistic sightings.
Pest Fauna Management and Monitoring	Pest fauna monitoring to be conducted and baseline abundance determined	Continue annual pest control as per the OAMP and Pest Management Plan

³ As stipulated in OAMP

OAMP Objective	Monitoring / Reporting Requirement ³	Recommendations
	Pest fauna populations within the offset area to be reduced	
Fencing Monitoring and Maintenance	<p>Fencing will be maintained to ensure neighbouring livestock remain excluded from the offset</p> <p>All internal fences, specifically barbed wire, will be removed from the Offset Area</p> <p>Biannual fencing inspections will be conducted with details reported in the annual report</p>	Monitor as per OAMP and undertake maintenance as needed.
Fire Management	<p>A bushfire management plan will be developed for the Property and will include details on fire preparedness, fire break network and an ecological burn program</p> <p>Ecological burns include post-burn assessment and reporting</p> <p>Annual operational monitoring to inspect the condition of firebreaks, fence lines and access tracks</p> <p>Fire fuel load assessments</p>	<p>Implement burn plan in FY 2025-26, and conduct post-burn assessments as per OAMP</p> <p>Perform track maintenance where erosion and overgrown vegetation occurs.</p>
Rapid Vegetation Condition Assessments	Monitoring general vegetation condition and structure; strata heights, strata cover, species richness; photo monitoring and weed cover.	Conduct BioCondition assessment in all permanent monitoring plots during future surveys specified by OAMP
Nestbox Monitoring	<p>Nestbox monitoring as per Section 5.6.3 will be conducted biannually for the first five years and annually thereafter.</p> <p>Maintenance will be conducted as per manufacturer's instructions</p>	Continue as per the OAMP and recommendations within supplementary nestbox report
Supplementary monitoring – Spotlighting for target MNES	NA	Consider incorporating periodic targeted spotlighting surveys into monitoring program to strengthen the evidence base for target MNES presence.

12 References

Ausecology, 2024. Offset Area Management Plan Bingleburra Property (No. Revision 3). Unpublished report prepared for Senex.

Department of Primary Industries, 2025. Biosecurity Act 2023 (No. Republication No 1).

Eyre, T., Kelly, A., Neldner, V., Wilson, B., Ferguson, D., Laidlaw, M., Franks, A., 2015. BioCondition Assessment Manual - A Condition Assessment Framework for Terrestrial Biodiversity in Queensland, Version 2.2. Queensland Herbarium, Department of Science, Information Technology, Innovation and the Arts, Brisbane, Queensland.

Hines, F., Tolhurst, K., Wilson, A., McCarthy GJ, 2010. Overall Fuel Hazard Assessment Guide. 4th Edition. Fire Adapt. Manag. Rep. No 82.

Appendix A Fauna Records

All fauna records within Bingleburra over the reporting period (FY24/25)

Common Name	Scientific Name
Apostlebird	<i>Struthidea cinerea</i>
Australasian darter	<i>Anhinga novaehollandiae</i>
Australasian Pipit	<i>Anthus novaeseelandiae</i>
Australian bustard	<i>Ardeotis australis</i>
Australian king-parrot	<i>Alisterus scapularis</i>
Australian magpie	<i>Gymnorhina tibicen</i>
Australian owlet-nightjar	<i>Aegotheles cristatus</i>
Australian pipit	<i>Anthus australis</i>
Australian wood duck	<i>Chenonetta jubata</i>
Bar-shouldered dove	<i>Geopelia humeralis</i>
Black-faced cuckooshrike	<i>Coracina novaehollandiae</i>
Blue-faced honeyeater	<i>Entomyzon cyanotis</i>
Broad-palmed rocket frog	<i>Litoria latopalmata</i>
Brown goshawk	<i>Accipiter fasciatus</i>
Brown hare	<i>Lepus capensis</i>
Brown honeyeater	<i>Lichmera indistincta</i>
Brush-tailed Possum	<i>Trichosurus vulpecula</i>
Burns's dragon	<i>Amphibolurus burnsi</i>
Burtons legless lizard	<i>Lialis burtonis</i>
Bynoe's gecko	<i>Heteronotia binoei</i>
Cane toad	<i>Rhinella marina</i>
Cat	<i>Felis catus</i>
Channel-billed cuckoo	<i>Scythrops novaehollandiae</i>
Collared Delma	<i>Delma torquata habitat</i>
Common bronzewing	<i>Phaps chalcoptera</i>
Common myna	<i>Acridotheres tristis</i>
Cow	<i>Bos taurus</i>
Crested pigeon	<i>Ocyphaps lophotes</i>
Desert tree frog	<i>Litoria rubella</i>
Dingo	<i>Canis lupus dingo</i>
Double-barred finch	<i>Stizoptera bichenovii</i>
Dubious dtella	<i>Gehyra dubia</i>
Eastern barn owl	<i>Tyto javanica</i>
Eastern grey kangaroo	<i>Macropus giganteus</i>
Eastern yellow robin	<i>Eopsaltria australis</i>
Emerald-spotted tree frog	<i>Litoria peronii</i>

Common Name	Scientific Name
European hare	<i>Lepus europaeus</i>
Feathertail glider	<i>Acrobates pygmaeus</i>
Fletcher's frog	<i>Limnodynastes fletcheri</i>
Forest kingfisher	<i>Todiramphus macleayii</i>
Fuscous honeyeater	<i>Lichenostomus fuscus</i>
Galah	<i>Eolophus roseicapillus</i>
Glossy black-cockatoo	<i>Calyptorhynchus lathami lathami</i>
Greater glider	<i>Petauroides volans</i>
Green tree frog	<i>Litoria caerulea</i>
Green-striped burrowing frog	<i>Cyclorana alboguttata</i>
Grey butcherbird	<i>Cracticus torquatus</i>
Grey fantail	<i>Rhipidura albiscapa</i>
Grey shrikethrush	<i>Colluricincla harmonica</i>
Grey-crowned babbler	<i>Pomatostomus temporalis</i>
Jacky-winter	<i>Microeca fascinans</i>
Koala	<i>Phascolarctos cinereus</i>
Lace monitor	<i>Varanus varius</i>
Laughing kookaburra	<i>Dacelo novaeguineae</i>
Leaden flycatcher	<i>Myiagra rubecula</i>
Little black cormorant	<i>Phalacrocorax sulcirostris</i>
Little friarbird	<i>Philemon citreogularis</i>
Little lorikeet	<i>Glossopsitta pusilla</i>
Magpie-lark	<i>Grallina cyanoleuca</i>
Mistletoebird	<i>Dicaeum hirundinaceum</i>
Noisy friarbird	<i>Philemon corniculatus</i>
Noisy miner	<i>Manorina melanocephala</i>
Olive-backed oriole	<i>Oriolus sagittatus</i>
Ornate burrowing frog	<i>Platyplectrum ornatum</i>
Pacific heron	<i>Ardea pacifica</i>
Painted buttonquail	<i>Turnix varius</i>
Pale-headed rosella	<i>Platycercus adscitus</i>
Peaceful dove	<i>Geopelia placida</i>
Pheasant coucal	<i>Centropus phasianinus</i>
Pied butcherbird	<i>Cracticus nigrogularis</i>
Pied currawong	<i>Strepera graculina</i>
Pig	<i>Sus scrofa</i>
Rainbow bee-eater	<i>Merops ornatus</i>
Rainbow lorikeet	<i>Trichoglossus haematodus</i>

Common Name	Scientific Name
Red-backed fairywren	<i>Malurus melanocephalus</i>
Red-bellied black snake	<i>Pseudechis porphyriacus</i>
Red-necked wallaby	<i>Macropus rufogriseus</i>
Red-winged parrot	<i>Aprosmictus erythropterus</i>
Restless flycatcher	<i>Myiagra inquieta</i>
Rufous songlark	<i>Cincloramphus mathewsi</i>
Rufous whistler	<i>Pachycephala rufiventris</i>
Sacred kingfisher	<i>Todiramphus sanctus</i>
Salmon-striped frog	<i>Limnodynastes salmini</i>
Scaly-breasted lorikeet	<i>Trichoglossus chlorolepidotus</i>
Southern boobook	<i>Ninox novaeseelandiae</i>
Squirrel glider	<i>Petaurus norfolcensis</i>
Striated pardalote	<i>Pardalotus striatus</i>
Striped honeyeater	<i>Plectorhyncha lanceolata</i>
Sugar glider	<i>Petaurus breviceps</i>
Sulphur-crested cockatoo	<i>Cacatua galerita</i>
Superb fairywren	<i>Malurus cyaneus</i>
Tawny frogmouth	<i>Podargus strigoides</i>
Torresian crow	<i>Corvus orru</i>
Tree-base litter-skink	<i>Lygisaurus foliorum</i>
Varied sittella	<i>Daphoenositta chrysoptera</i>
Wedge-tailed Eagle	<i>Aquila audax</i>
Weebill	<i>Smicrornis brevirostris</i>
White-bellied cuckooshrike	<i>Coracina papuensis</i>
White-browed woodswallow	<i>Artamus superciliosus</i>
White-eared honeyeater	<i>Nesoptilotis leucotis</i>
White-faced heron	<i>Egretta novaehollandiae</i>
White-necked heron	<i>Ardea pacifica</i>
White-throated gerygone	<i>Gerygone albogularis</i>
White-throated honeyeater	<i>Melithreptus albogularis</i>
White-throated needletail	<i>Hirundapus caudacutus</i>
White-throated nightjar	<i>Eurostopodus mystacalis</i>
White-winged triller	<i>Lalage tricolor</i>
Willie wagtail	<i>Rhipidura leucophrys</i>
Yellow-tailed black-cockatoo	<i>Calyptorhynchus funereus</i>

Appendix B BioCondition and Photo point monitoring

Site Details:

Site Code:	BC11	Date:	12-06-2025	Time:	14:36
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.4	Remnant
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Habitat Description:
Open Eucalypt woodland. Canopy sparse; E. chloroclada d. Subcanopy dense; Allocasuarina leuhmanii d, Acacia leiocalyx s, Shrub layer scattered; Acacia leiocalyx d, Alphitonia excelsa s. Ground layer dominated by native grasses; Aristida caput-medusae d. Bareground rare.

General Comments:
Confusing stratification in original plot. 20m A. Lumenhii in subcanopy.
2025 other tree layer present. Some A. Lumenhii in canopy.

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	1.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	2.5	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	66	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	19.0	25.9
Subcanopy:	11	37.2
Shrub:	na	5.9

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	3	49
Non- Eucalypt:	5	28
Total No. Large Trees per site:	8	
Total No. Large Trees per ha:	16	

Species Richness:

	Native	Non-Native
Trees:	5	0
Shrubs:	4	1
Grasses:	7	1
Forbs & Other:	11	3
Total:	27	5

Non-Native Plant Cover (%):

2.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	0	1.8	1.8	OTH	55.9	58.3	2.4
OTH	0	6.4	6.4	SHR	58.9	59.3	0.4
SHR	6.0	6.2	0.2	SC	61.1	62.9	1.8
SHR	7.4	7.5	0.1	SC	63.2	65.3	2.1
OTH	7.3	9.1	1.8	SC	72.9	78.0	5.1
SC	10.0	11.9	1.9	OTH	74.2	74.7	0.5
C	11.3	15.3	4.0	C	79.8	83.0	3.2
SC	15.3	26.0	10.7	SC	81.0	83.4	2.4
C	17.6	20.8	3.2	SC	85.6	88.8	3.2
OTH	27.4	28.8	1.4	OTH	79.0	99.1	20.1
SC	30.3	31.1	0.8	SC	99.0	100.0	1.0
SHR	33.4	37.0	3.6				
SC	35.0	39.0	4.0				
SHR	37.7	38.3	0.6				
SC	42.2	45.0	2.8				
SHR	45.6	45.9	0.3				
SHR	46.2	46.9	0.7				
C	51.6	65.3	13.7				
OTH	52.2	53.8	1.6				
SC	54.9	56.3	1.4				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	26	0
Total Subcanopy (%)	37	0
Total Shrub (%)	6	0

Coarse Woody Debris:

Total Length (m):	36.7	Total Length (m/ha):	367.0
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Length/s (m):														
1	0.50	6	3.90	11	5.10	16	2.90	21		26		31		36
2	1.40	7	3.50	12	2.50	17	1.60	22		27		32		37
3	1.40	8	2.30	13	2.50	18		23		28		33		38
4	0.50	9	1.50	14	0.70	19		24		29		34		39
5	3.00	10	2.40	15	1.00	20		25		30		35		40

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Corymbia clarksoniana		T C
2	Eucalyptus chloroclada		T, SHR C
3	Allocasuarina luehmannii		T, SHR SC, C
4	Acacia leiocalyx		T, SHR SC
5	Aristida caput-medusae		G
6	Eragrostis elongata		G
7	Lomandra longifolia		F
8	Lomandra leucocephala		F
9	Cymbopogon refractus		G
10	Glandularia aristigera	*	F, *
11	Perotis rara		G
12	Cheilanthes sieberi		F
13	Eragrostis curvula	*	G, *
14	Eragrostis curvula	*	G, *
15	Glycine tabacina		F
16	Brachychiton populneus		SHR
17	Setaria surgens		G
18	Opuntia tomentosa	Restricted - Category 3	SHR, *
19	Glycine sp.		F
20	Sida cordifolia	*	F, *
21	Other species Forb sp.		F
22	Oxalis sp.		F
23	Chrysocephalum apiculatum		F
24	Eragrostis brownii		G
25	Sphaeromorphaea australis		F
26	Portulaca pilosa	*	F, *
27	Dianella caerulea		F
28	Cyanthillium cinereum		F
29	Corymbia tessellaris		T C
30			
31			
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35			

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35		
36		
37		
38		
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	0	0	0	10	0	0	90	0	0	0	100%
	15	0	0	20	0	0	60	0	5	0	100%
	30	0	0	0	0	1	69	0	0	0	100%
	10	0	2	0	0	0	88	0	0	0	100%
	15	0	5	0	0	4	76	0	0	0	100%
Mean:	14.00	0	1.40	6.00	0	1.00	76.60	0	1.00	0	

Site Details:

Site Code:	BC12	Date:	12-06-2025	Time:	16:07
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.21	Remnant
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Habitat Description:
Open Corymbia bloxemi woodland with some dense patches of Allocasuarina leuhmanii. Ground cover dominated by Aristida caput-medusae

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	2.0	5.0
- Subcanopy	5.0	5.0
Average	3.5	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	2.5	5.0
- Grasses	2.5	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	64	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	19.2	12.2
Subcanopy:	8	28.8
Shrub:	na	7.0

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	6	43
Non- Eucalypt:	5	28
Total No. Large Trees per site:	11	
Total No. Large Trees per ha:	22	

Species Richness:

	Native	Non-Native
Trees:	6	0
Shrubs:	8	1
Grasses:	6	3
Forbs & Other:	9	3
Total:	29	7

Non-Native Plant Cover (%):
3.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
SC	2.2	6.3	4.1	OTH	64.3	68.5	4.2
SHR	3.0	3.4	0.4	SC	70.6	71.6	1.0
SHR	7.1	7.5	0.4	SHR	77.8	78.0	0.2
SHR	9.6	9.9	0.3	SC	78.2	81.0	2.8
SHR	16.2	16.3	0.1	SHR	82.6	84.8	2.2
SC	18.0	19.5	1.5	OTH	88.7	90.3	1.6
C	14.0	15.8	1.8	C	95.0	99.4	4.4
SHR	22.6	23.4	0.8	SC	97.0	99.3	2.3
SC	26.9	30.5	3.6	OTH	99.3	99.9	0.6
C	28.5	34.5	6.0				
SHR	30.1	31.7	1.6				
SC	31.9	37.1	5.2				
OTH	35.4	36.6	1.2				
OTH	39.2	42.2	3.0				
SC	41.2	48.2	7.0				
SHR	42.4	42.7	0.3				
OTH	53.2	55.7	2.5				
SHR	55.7	56.4	0.7				
SC	59.3	60.6	1.3				
OTH	60.0	63.3	3.3				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	12	0
Total Subcanopy (%)	29	0
Total Shrub (%)	7	0

Coarse Woody Debris:

Total Length (m):	39.3	Total Length (m/ha):	393.0
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Length/s (m):															
1	5.60	6	1.10	11	3.00	16		21		26		31		36	
2	5.00	7	2.00	12		17		22		27		32		37	
3	8.80	8	2.50	13		18		23		28		33		38	
4	1.70	9	1.10	14		19		24		29		34		39	
5	8.00	10	0.50	15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Corymbia bloxsomei		T, SHR C, SC
2	Callitris glaucophylla		T, SHR SC
3	Allocasuarina luehmannii		T, SHR SC
4	Acacia leiocalyx		T, SHR SC
5	Corymbia tessellaris		T SC
6	Eucalyptus chloroclada		T C
7	Aristida caput-medusae		G
8	Eragrostis curvula	*	G, *
9	Oxalis sp.		F
10	Cenchrus ciliaris	*	G, *
11	Eragrostis elongata		G
12	Cheilanthes sieberi		F
13	Maireana microphylla		SHR
14	Maireana microphylla		SHR
15	Sida cordifolia	*	F, *
16	Alternanthera nana		F
17	Glycine sp.		F
18	Sida spinosa	*	F, *
19	Lomandra longifolia		F
20	Aristida calycina		G
21	Aristida jerichoensis		G
22	Opuntia stricta	Restricted - Category 3	SHR, *
23	Melinis repens	*	G, *
24	Lomandra leucocephala		F
25	Dodonaea viscosa		SHR
26	Desmodium varians		F
27	Cymbopogon refractus		G
28	Zornia muriculata		F
29	Sporobolus creber		G
30	Laxmannia gracilis		F
31	Brachychiton populneus		SHR
32	Sida hackettiana		SHR
33			
34			
35			

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native

Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	30	0	2	0	0	0	68	0	0	0	100%
	40	0	4	0	0	0	46	0	10	0	100%
	45	0	2	2	0	1	50	0	0	0	100%
	50	0	10	1	0	0	39	0	0	0	100%
	25	0	5	0	15	0	40	0	15	0	100%
Mean:	38.00	0	4.60	0.60	3.00	0.20	48.60	0	5.00	0	

Site Details:

Site Code:	BC13	Date:	13-06-2025	Time:	10:49
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.20	Remnant
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Habitat Description:
Open Eucalyptus moluccana woodland. Canopy mid-dense; Eucalyptus moluccana d. Subcanopy scattered, Eucalyptus moluccana d. Other tree layer scattered; A. Leiocaylix s, A. Implexa ass, Geijera parviflora ass Ground layer dominated by native grasses; aristida spp. d, Bareground sparse.

General Comments:
Changed end location to reflect straight line

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	5.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	2.0	5.0
Average	3.5	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	5.0	5.0
Coarse Woody Debris	5.0	5.0
Total	69	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



EDL:	Canopy
% EDL Recruitment:	100

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	22.6	72.3
Subcanopy:	9	3.9
Shrub:	na	3.0

	No. Large trees	DBH threshold (cm)
Eucalypt:	1	46
Non- Eucalypt:	0	23
Total No. Large Trees per site:	1	
Total No. Large Trees per ha:	2	

Species Richness:	Native	Non-Native	
Trees:	6	0	
Shrubs:	5	2	
Grasses:	18	1	
Forbs & Other:	14	1	
Total:	43	4	47

Non-Native Plant Cover (%):
1.0

[illegible]

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	72	0
Total Subcanopy (%)	4	0
Total Shrub (%)	3	0

Coarse Woody Debris:

Total Length (m):	35.0	Total Length (m/ha):	350.0
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Length/s (m):															
1	1.00	6	4.50	11	0.70	16		21		26		31		36	
2	1.20	7	3.50	12	1.90	17		22		27		32		37	
3	0.90	8	7.00	13	3.00	18		23		28		33		38	
4	1.30	9	0.50	14		19		24		29		34		39	
5	5.00	10	4.50	15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus moluccana		T, SHR C, SC
2	Acacia leiocalyx		T OTH
3	Atalaya hemiglauc		T, SHR OTH
4	Casuarina cristata		T SC
5	Geijera parviflora		T OTH
6	Brunonia australis	Special least concern	F
7	Opuntia stricta	Restricted - Category 3	*, SHR
8	Eragrostis brownii		G
9	Chloris ventricosa		G
10	Cymbopogon refractus		G
11	Bothriochloa decipiens		G
12	Other species Digitaria?		G
13	Lomandra longifolia		F
14	Lomandra longifolia		F
15	Cyperus gracilis		F
16	Dianella brevipedunculata		F
17	Nyssanthus erecta		F
18	Dianella caerulea		F
19	Leichhardtia microlepis		F
20	Enteropogon ramosus		G
21	Alectryon diversifolius		T OTH
22	Eclipta prostrata	*	F, *
23	Sporobolus caroli		G
24	Calypochloa gracillima		G
25	Aristida calycina		G
26	Eriochloa sp.		G
27	Heteropogon contortus		G
28	Panicum effusum		G
29	Dinebra decipiens		G
30	Achyranthes aspera		F
31	Cyanthillium cinereum		F
32	Rostellularia adscendens		F
33	Eragrostis curvula	*	G, *
34	Dichanthium sericeum		G
35	Paspalidium distans		G

Status: NT – Near Threatened (Nature Conservation Act 1992), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35 <i>Panicum queenslandicum</i>		G
36 <i>Solanum jucundum</i>		F
37 <i>Euphorbia drummondii</i>		F
38 <i>Sida spinosa</i>	*	*, SHR
39 <i>Jasminum didymum</i>		F
40 <i>Sida cunninghamii</i>		SHR
41 <i>Eremophila debilis</i>		F
42 <i>Evolvulus alsinoides</i>		SHR
43 <i>Pittosporum angustifolium</i>		SHR
44 <i>Arundinella nepalensis</i>		G
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	15	0	1	0	0	0	54	0	30	0	100%
	5	0	0	0	0	5	90	0	0	0	100%
	0	0	1	1	0	5	93	0	0	0	100%
	20	0	5	0	0	0	45	0	30	0	100%
	15	0	1	3	0	0	81	0	0	0	100%
Mean:	11.00	0	1.60	0.80	0	2.00	72.60	0	12.00	0	

Site Details:

Site Code:	BC15	Date:	12-06-2025	Time:	08:36
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.27b	Remnant
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Habitat Description:
Open E. Tereticornis wooded wetland. Canopy mid-dense; E. Tereticornis d, A. Floribunda ass. Subcanopy sparse; E. Tereticornis d, A. Floribunda co. A. Implexa ass. Ground layer scattered, dominated by native grasses; A. Nepalensis, Cynodon dactylon. Bareground common.

General Comments:
Subcanopy included, A. implexa inside plot.

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	5.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	na	na
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	na	na
Average	5.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	3.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	5.0	5.0
Coarse Woody Debris	5.0	5.0
Total	61	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	22.7	60.3
Subcanopy:	11	15.9
Shrub:	na	1.1

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	4	47
Non- Eucalypt:	0	35
Total No. Large Trees per site:	4	
Total No. Large Trees per ha:	8	

Species Richness:

	Native	Non-Native
Trees:	5	0
Shrubs:	5	1
Grasses:	4	2
Forbs & Other:	7	4
Total:	21	7

Non-Native Plant Cover (%):
6.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	3.3	13.1	9.8				
C	18.1	26.3	8.2				
C	28.4	32.5	4.1				
SC	38.9	40.5	1.6				
C	39.0	48.4	9.4				
SC	43.7	46.0	2.3				
C	50.2	57.0	6.8				
SC	51.1	52.6	1.5				
SHR	56.0	56.4	0.4				
C	58.8	71.7	12.9				
SC	62.0	65.0	3.0				
SC	67.3	68.8	1.5				
C	74.4	76.8	2.4				
C	78.7	85.4	6.7				
SC	93.2	99.2	6.0				
SHR	96.1	96.8	0.7				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	60	0
Total Subcanopy (%)	16	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	48.0	Total Length (m/ha):	479.5
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Length/s (m):														
1	0.70	6	1.80	11	3.80	16	3.00	21		26		31		36
2	0.60	7	0.60	12	1.90	17	2.55	22		27		32		37
3	1.70	8	1.30	13	3.70	18		23		28		33		38
4	2.70	9	3.90	14	3.20	19		24		29		34		39
5	6.90	10	7.50	15	2.10	20		25		30		35		40

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus tereticornis		T, SHR C, SC
2	Angophora floribunda		T, SHR C
3	Acacia implexa		T, SHR SC
4	Eragrostis curvula	*	G, *
5	Cyperus exaltatus		F
6	Cynodon dactylon	*	G, *
7	Chrysopogon filipes		G
8	Sida rhombifolia	*	F, *
9	Juncus usitatus		F
10	Other species Asteraceae sp.		F
11	Eragrostis elongata		G
12	Dianella revoluta		F
13	Opuntia tomentosa	Restricted - Category 3	SHR, *
14	Opuntia tomentosa	Restricted - Category 3	SHR, *
15	Centella asiatica		F
16	Arundinella nepalensis		G
17	Acacia leiocalyx		T, SHR SC
18	Bryophyllum sp.	*	F, *
19	Cymbidium canaliculatum	Special least concern	F
20	Alphitonia excelsa		SHR
21	Sphaeromorphaea australis		F
22	Solanum nigrum	*	F, *
23	Imperata cylindrica		G
24	Corymbia tessellaris		T SC
25			
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35			

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	0	0	0	0	5	0	95	0	0	0	100%
	0	0	1	0	0	0	99	0	0	0	100%
	75	0	0	0	0	0	25	0	0	0	100%
	80	0	0	0	0	0	20	0	0	0	100%
	0	0	1	0	0	0	99	0	0	0	100%
Mean:	31.00	0	0.40	0	1.00	0	67.60	0	0	0	

Site Details:

Site Code:	BC16	Date:	12-06-2025	Time:	11:18
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.25	Remnant
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Habitat Description:
Open Eucalypt woodland. Canopy mid dense; E. tereticornis d, A. floribunda s. Subcanopy sparse; Acacia spp. d, s Species1 d, Species2 s. Ground layer mixed native and non-native; Chloris gayana co. A. Nepalensis co. Channel >20m width

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	3.0	5.0
- Subcanopy	5.0	5.0
Average	4.0	5.0
Shrub Cover	0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	5.0	5.0
Coarse Woody Debris	5.0	5.0
Total	64	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	26.2	80.2
Subcanopy:	12	13.2
Shrub:	na	0.6

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	8	53
Non- Eucalypt:	1	26
Total No. Large Trees per site:	9	
Total No. Large Trees per ha:	18	

Species Richness:

	Native	Non-Native
Trees:	7	0
Shrubs:	10	1
Grasses:	13	3
Forbs & Other:	17	6
Total:	47	10

Non-Native Plant Cover (%):
9.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	0	7.5	7.5				
C	11.7	54.7	43.0				
SHR	17.3	17.8	0.5				
OTH	28.0	29.2	1.2				
SC	31.7	38.3	6.6				
SHR	48.9	49.0	0.1				
OTH	50.8	52.0	1.2				
C	58.9	75.8	16.9				
SC	63.0	69.6	6.6				
C	87.2	100.0	12.8				
OTH	92.7	94.0	1.3				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	80	0
Total Subcanopy (%)	13	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	27.7	Total Length (m/ha):	277.0
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Length/s (m):															
1	0.90	6	1.10	11		16		21		26		31		36	
2	12.00	7	2.30	12		17		22		27		32		37	
3	1.00	8	1.20	13		18		23		28		33		38	
4	2.10	9	1.50	14		19		24		29		34		39	
5	4.50	10	1.10	15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus tereticornis		T, SHR C, SC
2	Angophora floribunda		T, SHR C, SC
3	Acacia implexa		T, SHR SC
4	Corymbia tessellaris		T, SHR C
5	Callitris glaucophylla		T, SHR SC
6	Dianella revoluta		F
7	Sida hackettiana		SHR
8	Chloris gayana	*	*, G
9	Arundinella nepalensis		G
10	Sporobolus creber		G
11	Glandularia aristigera	*	F, *
12	Glycine tabacina		F
13	Brunoniella australis		F
14	Brunoniella australis		F
15	Cyperus gracilis		F
16	Eragrostis curvula	*	G, *
17	Chloris ventricosa		G
18	Eragrostis brownii		G
19	Heteropogon contortus		G
20	Acacia excelsa		SHR
21	Sida rhombifolia	*	*, F
22	Brachychiton populneus		SHR
23	Calotis dentex		F
24	Bidens pilosa	*	*, F
25	Pterocaulon redolens		F
26	Cyanthillium cinereum		F
27	Aristida caput-medusae		G
28	Calotis cuneata		F
29	Opuntia stricta	Restricted - Category 3	*, SHR
30	Eragrostis elongata		G
31	Sida cunninghamii		SHR
32	Psydrax odorata		SHR
33	Hypericum gramineum		F
34	Aristida jerichoensis		G
35	Oxalis sp.		F

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native

Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35 Eremophila debilis		F
36 Centella asiatica		F
37 Chrysopogon filipes		G
38 Juncus usitatus		F
39 Cheilanthes sieberi		F
40 Melinis repens	*	G, *
41 Capparis canescens		T SC
42 Dianella caerulea		F
43 Macroptilium atropurpureum	*	F, *
44 Cymbopogon refractus		G
45 Enteropogon acicularis		G
46 Sphaeromorphaea australis		F
47 Chrysocephalum apiculatum		F
48 Praxelis clematidea	*	F, *
49 Bothriochloa bladhii		G
50 Dinebra decipiens		G
51 Eucalyptus crebra		T C
52		
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native

Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	45	0	3	0	0	3	49	0	0	0	100%
	94	0	0	0	5	0	99	0	0	0	100%
	35	0	0	0	35	0	70	0	0	0	100%
	93	0	0	0	1	1	95	0	0	0	100%
	3	0	0	0	0	0	3	0	0	0	100%
Mean:	54.00	0	0.60	0	8.20	0.80	36.40	0	0	0	

Site Details:

Site Code:	BC31	Date:	13-06-2025	Time:	08:31
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.20	Remnant
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Habitat Description:
Open Eucalypus moluccana woodland. Canopy mid-dense; E. Moluccana d. Subcanopy scattered; E. Moluccana d. Shrub layer scattered; Grevillea striata co, Geijera parviflora co. Ground layer dominated by native grasses; aristida spp. co. ancistrachne spp.

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	2.0	5.0
Total	68	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	27.8	33.0
Subcanopy:	14	31.6
Shrub:	na	1.7

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	8	46
Non- Eucalypt:	0	23
Total No. Large Trees per site:	8	
Total No. Large Trees per ha:	16	

Species Richness:

	Native	Non-Native
Trees:	9	0
Shrubs:	9	1
Grasses:	15	0
Forbs & Other:	11	2
Total:	44	3

Non-Native Plant Cover (%):
1.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
SC	2.3	6.5	4.2				
C	6.0	13.3	7.3				
C	17.7	18.7	1.0				
C	23.3	32.3	9.0				
SHR	27.8	28.3	0.5				
SHR	30.1	30.8	0.7				
C	36.3	42.5	6.2				
C	44.1	51.0	6.9				
SC	51.4	62.3	10.9				
SC	64.0	70.2	6.2				
SHR	73.5	74.0	0.5				
SC	76.5	79.0	2.5				
SC	87.1	94.9	7.8				
C	97.4	100.0	2.6				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	33	0
Total Subcanopy (%)	32	0
Total Shrub (%)	2	0

Coarse Woody Debris:

Total Length (m):	103.5	Total Length (m/ha):	1,035.0
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Length/s (m):															
1	6.00	6	1.50	11	2.00	16	2.00	21		26		31		36	
2	28.00	7	1.50	12	4.00	17	3.00	22		27		32		37	
3	2.00	8	3.00	13	17.00	18	1.00	23		28		33		38	
4	14.00	9	1.00	14	1.00	19		24		29		34		39	
5	7.00	10	1.50	15	8.00	20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus moluccana		T, SHR C, SC
2	Acacia implexa		T, SHR SC
3	Grevillea striata		T, SHR SC
4	Geijera parviflora		T SC
5	Acacia leiocalyx		T, SHR OTH
6	Acacia excelsa		T OTH
7	Eremophila mitchellii		T OTH
8	Aristida benthamii		G
9	Sida hackettiana		SHR
10	Chloris ventricosa		G
11	Digitaria brownii		G
12	Bothriochloa decipiens		G
13	Sporobolus creber		G
14	Sporobolus creber		G
15	Cymbopogon refractus		G
16	Opuntia tomentosa	Restricted - Category 3	*, SHR
17	Other species Looks like oplus mennace		F
18	Nyssanthes erecta		F
19	Cyperus gracilis		F
20	Brunonia australis	Special least concern	F
21	Oplismenus sp.		G
22	Paspalidium distans		G
23	Lepidium africanum	*	F, *
24	Eriochloa sp.		G
25	Maireana microphylla		SHR
26	Glycine tabacina		F
27	Capparis canescens		SHR
28	Panicum effusum		G
29	Dianella revoluta		F
30	Cyanthillium cinereum		F
31	Panicum queenslandicum		G
32	Alphitonia excelsa		SHR
33	Eremophila debilis		F
34	Alternanthera nana		F
35	Portulaca pilosa	*	F, *

Status: NT – Near Threatened (Nature Conservation Act 1992), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35 Sida cunninghamii		F
36 Einadia nutans subsp. linifolia		SHR
37 Euphorbia drummondii		F
38 Austrostipa ramosissima		G
39 Arundinella nepalensis		G
40 Aristida calycina		G
41 Myoporum acuminatum		T OTH
42 Eriochloa crebra		T C
43		
44		
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	69	0	0	25	0	1	5	0	0	0	100%
	20	0	10	5	0	0	65	0	0	0	100%
	35	0	1	3	0	1	60	0	0	0	100%
	40	0	1	1	0	0	58	0	0	0	100%
	45	0	1	0	0	0	49	0	5	0	100%
Mean:	41.80	0	2.60	6.80	0	0.40	47.40	0	1.00	0	

Site Details:

Site Code:	BC35	Date:	11-06-2025	Time:	15:17
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.2	Regrowth
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Habitat Description:
Eucalyptus populnea woodland. Canopy scattered; E. Populnea d, E. chloroclada ass E. tereticornis ass, E. moluccana ass. Subcanopy scattered; E. Populnea d, Acacia excelsa ass. Ground layer dominated by mixed native grasses, Eragrostis curveula. Bareground rare.

General Comments:
Mother of millions present in site

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	3.0	5.0
- Subcanopy	5.0	5.0
Average	4.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	2.0	5.0
Average	3.5	5.0
Shrub Cover	0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	50	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



EDL:	Canopy
% EDL Recruitment:	100

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	11.8	33.0
Subcanopy:	7	1.0
Shrub:	na	0

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	44
Non- Eucalypt:	0	na
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:	Native	Non-Native	
Trees:	6	0	
Shrubs:	7	2	
Grasses:	11	3	
Forbs & Other:	10	2	
Total:	34	7	41

Non-Native Plant Cover (%):
6.0

[illegible]

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	33	0
Total Subcanopy (%)	1	0
Total Shrub (%)	0	0

Coarse Woody Debris:

Total Length (m):	22.5	Total Length (m/ha):	225.0
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Length/s (m):															
1	1.40	6	2.10	11	1.10	16		21		26		31		36	
2	0.70	7	4.20	12	1.10	17		22		27		32		37	
3	4.00	8	1.00	13	0.90	18		23		28		33		38	
4	3.40	9	0.90	14		19		24		29		34		39	
5	1.10	10	0.60	15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus tereticornis		T C
2	Eucalyptus populnea		T, SHR C, SC
3	Eucalyptus chloroclada		T C
4	Eucalyptus moluccana		T SC, C
5	Corymbia terminalis		T SC
6	Acacia excelsa		T, SHR SC
7	Chloris gayana	*	G, *
8	Sida hackettiana		SHR
9	Arundinella nepalensis		G
10	Aristida jerichoensis		G
11	Glandularia aristigera	*	F, *
12	Eragrostis brownii		G
13	Panicum queenslandicum		G
14	Panicum queenslandicum		G
15	Sporobolus creber		G
16	Cenchrus ciliaris	*	*, G
17	Maireana microphylla		SHR
18	Bryophyllum sp.	Exotic	*, F
19	Perotis rara		G
20	Eragrostis elongata		G
21	Brunoniella australis		F
22	Glycine tabacina		F
23	Sida cunninghamii		F
24	Bothriochloa sp.		G
25	Dianella revoluta		F
26	Enteropogon acicularis		G
27	Boerhavia dominii		F
28	Other species Forb sp.		F
29	Opuntia tomentosa	Restricted - Category 3	*, SHR
30	Chloris ventricosa		G
31	Eremophila debilis		F
32	Acacia implexa		SHR
33	Acacia leiocalyx		SHR
34	Opuntia stricta	Restricted - Category 3	*, SHR
35	Desmodium varians		F

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35 Brachychiton populneus		SHR
36 Aristida caput-medusae		G
37 Calotis cuneata		F
38 Cyperus polystachyos		F
39		
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	38	0	0	2	10	0	40	0	10	0	100%
	25	0	0	3	10	0	42	0	20	0	100%
	10	0	0	0	3	4	83	0	0	0	100%
	20	0	0	0	0	0	40	0	40	0	100%
	30	0	1	0	0	0	34	0	35	0	100%
Mean:	24.60	0	0.20	1.00	4.60	0.80	47.80	0	21.00	0	

Site Details:

Site Code:	BC38	Date:	11-06-2025	Time:	13:24
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.4	Regrowth
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Habitat Description:
Open Eucalyptus tereticornis woodland. Canopy mid-dense; E. tereticornis d, E. chloroclada ass. Subcanopy sparse; Angophora floribunda d, E. tereticornis ass, E. Chloroclada ass. Ground layer dominated by native grasses; Eragrostis curvula co, Arundunella nepalensis co. Bareground rare.

General Comments:
Very dry, low Forb richness

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	3.0	5.0
- Subcanopy	5.0	5.0
Average	4.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	2.0	5.0
Average	3.5	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	1.0	5.0
Litter Cover	3.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	0	5.0
Total	44	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	15.1	32.0
Subcanopy:	10	2.9
Shrub:	na	1.6

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	53
Non- Eucalypt:	0	na
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:

	Native	Non-Native
Trees:	7	0
Shrubs:	8	2
Grasses:	16	2
Forbs & Other:	15	2
Total:	46	6

Non-Native Plant Cover (%):
17.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	7.9	12.8	4.9				
C	16.5	24.1	7.6				
C	47.7	51.3	3.6				
SHR	57.6	57.8	0.2				
C	74.4	79.2	4.8				
SC	75.0	76.4	1.4				
SHR	78.3	79.7	1.4				
C	80.5	82.6	2.1				
C	86.0	92.3	6.3				
SC	87.0	88.5	1.5				
C	94.2	96.9	2.7				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	32	0
Total Subcanopy (%)	3	0
Total Shrub (%)	2	0

Coarse Woody Debris:

Total Length (m):	2.4	Total Length (m/ha):	24.0
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Length/s (m):															
1	2.40	6		11		16		21		26		31		36	
2		7		12		17		22		27		32		37	
3		8		13		18		23		28		33		38	
4		9		14		19		24		29		34		39	
5		10		15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus tereticornis		T C, SC
2	Eucalyptus chloroclada		T, SHR C, SC
3	Angophora floribunda		T, SHR C, SC
4	Acacia implexa		T, SHR SC
5	Eucalyptus populnea		T SC
6	Acacia excelsa		T SC
7	Callitris glaucophylla		T OTH
8	Brachychiton populneus		SHR
9	Arundinella nepalensis		G
10	Heteropogon contortus		G
11	Aristida sp.		G
12	Glandularia aristigera	*	F, *
13	Sida hackettiana		SHR
14	Sida hackettiana		SHR
15	Glycine tabacina		F
16	Cenchrus ciliaris	*	G, *
17	Sporobolus creber		G
18	Panicum effusum		G
19	Eragrostis elongata		G
20	Brunoniella australis		F
21	Enteropogon acicularis		G
22	Aristida calycina		G
23	Calotis cuneata		F
24	Desmodium varians		F
25	Bothriochloa decipiens		G
26	Verbena bonariensis	*	F, *
27	Dianella revoluta		F
28	Centella asiatica		F
29	Cyanthillium cinereum		F
30	Glycine tomentella		F
31	Dichondra repens		F
32	Sida spinosa	*	*, SHR
33	Other species Shrub sp. (Alectryon/		SHR
34	Bothriochloa bladhii		G
35	Sida cunninghamii		SHR

Status: NT – Near Threatened (Nature Conservation Act 1992), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35 Melinis repens	*	G, *
36 Chrysopogon fallax		G
37 Other species Grass sp.		G
38 Chrysocephalum apiculatum		F
39 Cassinia laevis		SHR
40 Opuntia tomentosa	Restricted - Category 3	*, SHR
41 Eremophila debilis		F
42 Cyperus gracilis		G
43 Cymbopogon refractus		G
44 Lomandra leucocephala		F
45 Aristida caput-medusae		G
46 Desmodium gunnii		F
47 Zornia muriculata		F
48 Stackhousia viminea		F
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	0	17	3	0	20	15	45	0	0	0	100%
	0	88	2	0	5	0	5	0	0	0	100%
	0	86	1	0	3	0	10	0	0	0	100%
	95	0	3	0	0	0	2	0	0	0	100%
	12	0	5	1	25	2	25	0	30	0	100%
Mean:	21.40	38.20	2.80	0.20	10.60	3.40	17.40	0	6.00	0	

Site Details:

Site Code:	BC47	Date:	13-06-2025	Time:	12:31
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.4	Remnant
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Habitat Description:
Open Eucalyptus tereticornis woodland. Canopy mid-dense; Eucalyptus tereticornis d, E. Moluccana ass. Subcanopy scattered; pE. Tereticornis co, E. Moluccana sco. Other tree layer scattered A. Leiocalyx d. Shrub layer sparse; Acacia spp. Ground layer dominated by native grasses. Bareground rare.

General Comments:

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	10.0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	0	5.0
- Subcanopy	5.0	5.0
Average	2.5	5.0
Shrub Cover	5.0	5.0
Native Perennial Grass Cover	3.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	0	5.0
Total	58	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	24.5	-54.4
Subcanopy:	10	20.0
Shrub:	na	3.4

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	5	53
Non- Eucalypt:	0	na
Total No. Large Trees per site:	5	
Total No. Large Trees per ha:	10	

Species Richness:

	Native	Non-Native
Trees:	8	0
Shrubs:	11	2
Grasses:	16	1
Forbs & Other:	14	5
Total:	49	8

Non-Native Plant Cover (%):
14.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	0	7.3	7.3	SHR	92.3	92.8	0.5
SC	1.1	3.2	2.1	OTH	93.0	93.9	0.9
SC	17.7	20.3	2.6	SC	95.6	98.0	2.4
SC	23.7	25.5	1.8	C	98.0	100.0	2.0
SHR	26.7	27.3	0.6	OTH	98.2	100.0	1.8
SC	29.2	32.8	3.6				
SHR	30.3	30.9	0.6				
C	36.1	42.1	6.0				
C	43.5	45.1	1.6				
SC	59.6	63.1	3.5				
OTH	59.9	63.0	3.1				
C	65.3	71.3	6.0				
SC	74.8	75.9	1.1				
OTH	76.4	80.4	4.0				
C	77.3		-77.3				
SHR	78.7	79.1	0.4				
SHR	82.0	82.5	0.5				
SHR	83.0	83.8	0.8				
SC	82.0	83.5	1.5				
SC	85.9	87.3	1.4				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	-54	0
Total Subcanopy (%)	20	0
Total Shrub (%)	3	0

Coarse Woody Debris:

Total Length (m):	2.6	Total Length (m/ha):	26.0
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Length/s (m):															
1	0.50	6		11		16		21		26		31		36	
2	2.10	7		12		17		22		27		32		37	
3		8		13		18		23		28		33		38	
4		9		14		19		24		29		34		39	
5		10		15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus moluccana		T	C, SC
2	Eucalyptus tereticornis		T, SHR	C, SC
3	Corymbia citriodora		T	C
4	Acacia leiocalyx		T, SHR	OTH
5	Aristida caput-medusae		G	
6	Grevillea striata		SHR, T	OTH
7	Opuntia tomentosa	Restricted - Category 3	SHR, *	
8	Opuntia stricta	Restricted - Category 3	*, SHR	
9	Bryophyllum sp.		F, *	
10	Corymbia tessellaris		T, SHR	SC
11	Glandularia aristigera	*	F, *	
12	Sida hackettiana		SHR	
13	Eragrostis curvula	*	*, G	
14	Eragrostis curvula	*	*, G	
15	Eragrostis brownii		G	
16	Glycine tabacina		F	
17	Brunoniella australis		F	
18	Lomandra longifolia		F	
19	Sphaeromorphaea australis		F	
20	Eremophila debilis		F	
21	Cyanthillium cinereum		F	
22	Aristida benthamii		G	
23	Sida cunninghamii		SHR	
24	Dianella revoluta		F	
25	Aristida calycina		G	
26	Acacia implexa		SHR	
27	Calypochloa gracillima		G	
28	Bothriochloa bladhii		G	
29	Dichanthium sericeum		G	
30	Aristida jerichoensis		G	
31	Gomphrena celosioides	*	F, *	
32	Sida rhombifolia	*	F, *	
33	Dodonaea viscosa		SHR, T	OTH
34	Goodenia glabra		F	
35	Maireana microphylla		SHR	

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native

Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35 Euphorbia drummondii		F
36 Enteropogon acicularis		G
37 Panicum effusum		G
38 Cymbopogon refractus		G
39 Arundinella nepalensis		G
40 Sporobolus creber		G
41 Brunonia australis	Special least concern	F
42 Cenchrus polystachios	*	F, *
43 Desmodium gunnii		F
44 Solanum ellipticum		SHR
45 Ptilotus latifolius		F
46 Heteropogon contortus		G
47 Einadia nutans subsp. linifolia		F
48 Eulalia annua		G
49 Sporobolus caroli		G
50 Dichondra repens		F
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native

Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	30	0	2	1	0	3	59	0	5	0	100%
	65	0	2	0	0	1	30	0	2	0	100%
	30	0	0	3	20	5	37	0	5	0	100%
	0	25	0	15	25	15	20	0	0	0	100%
	63	0	5	5	0	2	25	0	0	0	100%
Mean:	37.60	5.00	1.80	4.80	9.00	5.20	34.20	0	2.40	0	

Site Details:

Site Code:	BC48	Date:	13-06-2025	Time:	14:24
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.5.20	Non-remnant
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Habitat Description:
Open paddock, gently sloping, grass ground layer mixed native and non-native.

General Comments:
Gtre is 11.5.1 but pretty much impossible to say what it will mature to be

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	3.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	5.0	5.0
Average	5.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	0	5.0
- Subcanopy	2.0	5.0
Average	1.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	3.0	5.0
Non-Native Plant Cover	5.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	2.5	5.0
- Grasses	5.0	5.0
- Forbs & Other	0	5.0
Coarse Woody Debris	0	5.0
Total	38	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



EDL:	Canopy
% EDL Recruitment:	50

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	16.9	0
Subcanopy:	8	3.9
Shrub:	na	0.8

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	46
Non- Eucalypt:	0	23
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:	Native	Non-Native	
Trees:	6	0	
Shrubs:	2	1	
Grasses:	16	3	
Forbs & Other:	1	2	
Total:	25	6	31

Non-Native Plant Cover (%):
6.0

[illegible]

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	0	0
Total Subcanopy (%)	4	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	0	Total Length (m/ha):	0
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Length/s (m):															
1		6		11		16		21		26		31		36	
2		7		12		17		22		27		32		37	
3		8		13		18		23		28		33		38	
4		9		14		19		24		29		34		39	
5		10		15		20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata	
1	Eucalyptus moluccana		T	C, SC
2	Eucalyptus tereticornis		T	C
3	Grevillea striata		T	OTH
4	Acacia implexa		T	OTH
5	Bothriochloa decipiens		G	
6	Bothriochloa bladhii		G	
7	Sporobolus creber		G	
8	Glandularia aristigera	*	*, F	
9	Heteropogon contortus		G	
10	Sida hackettiana		SHR	
11	Eragrostis sp.		G	
12	Panicum effusum		G	
13	Urochloa mosambicensis	*	G, *	
14	Urochloa mosambicensis	*	G, *	
15	Aristida sp.		G	
16	Cheilanthes sieberi		F	
17	Eragrostis brownii		G	
18	Opuntia tomentosa	Restricted - Category 3	SHR, *	
19	Eragrostis curvula	*	*, G	
20	Maireana microphylla		SHR	
21	Chrysopogon fallax		G	
22	Digitaria sp.		G	
23	Arundinella nepalensis		G	
24	Cenchrus ciliaris	*	G, *	
25	Aristida caput-medusae		G	
26	Bryophyllum sp.		*, F	
27	Calotis cuneata		G	
28	Digitaria divaricatissima		G	
29	Acacia excelsa		T	OTH
30	Acacia salicina		T	OTH
31	Enteropogon acicularis		G	
32				
33				
34				
35				

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35		
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.
Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other
Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	70	0	0	10	0	0	10	0	10	0	100%
	70	0	0	5	0	15	10	0	0	0	100%
	100	0	0	0	0	0	0	0	0	0	100%
	55	0	0	0	0	0	45	0	0	0	100%
	82	0	2	0	0	1	15	0	0	0	100%
Mean:	75.40	0	0.40	3.00	0	3.20	16.00	0	2.00	0	

Site Details:

Site Code:	BC49	Date:	13-06-2025	Time:	15:21
Ecologist/s:	Tim Shields, Charlotte "Jamie" Prior				

	Start	End	Transect Length (m):
Latitude:			100
Longitude:			

Ground-truthed Regional Ecosystem:	11.3.2	Remnant
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Habitat Description:
Open Eucalypt woodland. Canopy dense; E. populnea d, E. tereticornis s, E. crebra ass. Subcanopy mid-dense; A. Leiocalyx. Ground layer dominated by native grasses; Aristida spp. d, A. Nepalensis ass. Bareground rare.

General Comments:
11.3.2 / 11.3.4 ecotonal area

BioCondition Scoring Summary:

Site Based Attributes	Site BC Score	Max BC Score per Attribute for RE
No. Large Trees	0	15.0
EDL Recruitment	5.0	5.0
Tree Height		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	3.0	5.0
Average	4.0	5.0
Tree Cover		
- Emergent	na	na
- Canopy	5.0	5.0
- Subcanopy	3.0	5.0
Average	4.0	5.0
Shrub Cover	3.0	5.0
Native Perennial Grass Cover	5.0	5.0
Litter Cover	5.0	5.0
Non-Native Plant Cover	10.0	10.0
Species Richness		
- Trees	5.0	5.0
- Shrubs	5.0	5.0
- Grasses	5.0	5.0
- Forbs & Other	2.5	5.0
Coarse Woody Debris	5.0	5.0
Total	59	80

Site Photos:

Transect Start



Transect End



Centre Forward



Centre Right



Centre Back



Centre Left



Site Measurements:

	Height (m)	Cover (%)
Emergent:	0	0
Canopy:	15.1	46.9
Subcanopy:	6	29.4
Shrub:	na	1.3

EDL:	Canopy
% EDL Recruitment:	100

Large Trees:

	No. Large trees	DBH threshold (cm)
Eucalypt:	0	44
Non- Eucalypt:	0	na
Total No. Large Trees per site:	0	
Total No. Large Trees per ha:	0	

Species Richness:

	Native	Non-Native
Trees:	9	0
Shrubs:	5	1
Grasses:	15	2
Forbs & Other:	12	4
Total:	41	7

Non-Native Plant Cover (%):

2.0

Line Intercept:

Strata	Start (m)	End (m)	Total (m)	Strata	Start (m)	End (m)	Total (m)
C	1.5	3.2	1.7	SC	94.9	98.7	3.8
SC	6.8	7.4	0.6				
OTH	7.4	8.0	0.6				
SC	8.8	10.0	1.2				
C	12.7	20.1	7.4				
C	21.9	26.7	4.8				
SC	22.8	27.2	4.4				
SC	28.3	28.5	0.2				
C	31.6	33.4	1.8				
SHR	40.8	41.9	1.1				
C	47.4	48.7	1.3				
SC	47.8	49.8	2.0				
SC	51.8	63.4	11.6				
SC	54.7	57.0	2.3				
C	56.0	63.1	7.1				
C	72.2	76.1	3.9				
SC	74.7	78.0	3.3				
C	78.9	82.4	3.5				
SHR	84.0	84.2	0.2				
C	84.6	100.0	15.4				

E – Emergent, E-E – Emergent Exotic, C – Canopy, C-E – Canopy Exotic, SC – Subcanopy, SC-E – Subcanopy Exotic, SHR – Shrub, SHR-E – Shrub Exotic

	Native	Non-Native
Total Emergent (%)	0	0
Total Canopy (%)	47	0
Total Subcanopy (%)	29	0
Total Shrub (%)	1	0

Coarse Woody Debris:

Total Length (m):	50.2	Total Length (m/ha):	501.5
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Length/s (m):															
1	3.50	6	2.40	11	5.40	16	1.60	21		26		31		36	
2	1.20	7	0.50	12	10.50	17		22		27		32		37	
3	1.20	8	3.10	13	4.10	18		23		28		33		38	
4	4.20	9	1.50	14	4.20	19		24		29		34		39	
5	2.45	10	1.60	15	2.70	20		25		30		35		40	

Species Lists – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species		Status	Lifeform and/or Strata
1	Eucalyptus populnea		T, SHR C, SC
2	Acacia excelsa		T C
3	Acacia leiocalyx		T OTH
4	Eucalyptus tereticornis		T, SHR C, SC
5	Eucalyptus crebra		T C
6	Arundinella nepalensis		G
7	Bryophyllum sp.		F, *
8	Corymbia tessellaris		T C
9	Callitris glaucophylla		T SC
10	Aristida caput-medusae		G
11	Aristida jerichoensis		G
12	Aristida calycina		G
13	Other species Grass sp.		G
14	Other species Grass sp.		G
15	Chrysocephalum apiculatum		G
16	Glycine tabacina		F
17	Dianella caerulea		F
18	Sida hackettiana		SHR
19	Eragrostis brownii		G
20	Eragrostis elongata		G
21	Sporobolus creber		G
22	Angophora floribunda		T SC
23	Lomandra leucocephala		F
24	Cyanthillium cinereum		F
25	Other species Forb sp.		F
26	Opuntia tomentosa	Restricted - Category 3	*, SHR
27	Psydrax odorata		SHR
28	Glandularia aristigera	*	F, *
29	Melinis repens	*	G, *
30	Eragrostis sp.		G
31	Cenchrus ciliaris	*	G, *
32	Praxelis clematidea	*	F, *
33	Oxalis sp.		F
34	Brachychiton populneus		SHR
35	Cymbopogon refractus		G

Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

Cont. Species List – Trees, Shrubs, Grasses, Forbs & Other and Non-Natives:

Species	Status	Lifeform and/or Strata
35 Bidens pilosa	*	*, F
36 Panicum queenslandicum		G
37 Digitaria brownii		G
38 Aristida sp.		G
39 Calotis cuneata		G
40 Alternanthera nana		F
41 Euphorbia sp.		F
42 Pterocaulon redolens		F
43 Hibiscus sturtii		F
44 Sida cunninghamii		F
45 Nyssanthes erecta		F
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Status: NT – Near Threatened (*Nature Conservation Act 1992*), V – Vulnerable (NC Act), E – Endangered (NC Act), * – Exotic species.

Lifeform: T – Trees, S – Shrubs, G – Grasses, F – Forbs & Other

Tree Stratum: E – Emergent, C – Canopy, SC – Subcanopy, OTH – Other, NN-E – Non-native Emergent, NN-C – Non-native Canopy, NN-SC – Non-native Subcanopy, NN-OTH – Non-Native Other

1m x 1m Quadrats:

Quadrat	Native				Non-native		Litter	Rock	Bare-ground	Crypto-grams	Total
	Perennial Grass	Other Grass	Forbs & Other	Shrubs	Grasses	Forbs, Other & Shrubs					
	55	0	0	0	0	0	45	0	0	0	100%
	45	0	0	0	0	0	45	0	10	0	100%
	0	25	2	0	0	0	73	0	0	0	100%
	20	0	0	3	0	0	72	0	5	0	100%
	0	15	1	2	0	0	82	0	0	0	100%
Mean:	24.00	8.00	0.60	1.00	0	0	63.40	0	3.00	0	