

16 December 2022

Giles Glasson  
Principal Scientist  
RPS AAP Consulting  
Level 3, 500 Hay Street  
Subiaco WA 6008

**Re: Black-Cockatoo habitat assessment for the Waddi Wind Farm transmission line alignment and the nominated areas in the adjacent farmland**

Dear Giles

Terrestrial Ecosystems is pleased to provide the results of its Black-Cockatoo habitat survey and assessment for the alternative transmission line alignment and the nominated areas in the adjacent farmland for the Waddi Wind Farm (i.e. project area; Figure A).

**Project area**

The total project area was spread over eight farming properties (i.e. Ejeed Pty Ltd, Warra Warra Farming Pty Ltd, Enid, Jakob and Annalise, Tekymbah Trust, Bias Holdings Pty Ltd, John Walter Demer) and Crown Reserve 41986 / Conservation Park.

Terrestrial Ecosystems was requested to undertake a Black-Cockatoo habitat assessment, including a search for evidence of Black-Cockatoo foraging and a ‘tall trees’ survey.

The project area is mostly paddocks to grow cereal crops, with some paddocks having planted trees as wind breaks or to provide protection for stock, or roadside verges. The project area also included an area to the west for a possible transmission power line that would run through kwongan heathland and woodland dominated by proteaceous plant species such as *Banksia* spp. (including *Dryandra* spp.), *Hakea* spp. and *Grevillea* spp.

**Methods**

The project area was assessed on two occasions:

- on foot, 4WD vehicle and using a Utility-Terrain Vehicle (UTV) on 14 and 15 October 2021; and
- on foot and 4WD vehicle on 28 October 2022.

Prior to attending the project area, RPS AAP Consulting had contacted all of the property owners seeking permission for Terrestrial Ecosystems to enter their properties. Within 24 hours of commencing the survey, Terrestrial Ecosystems contacted all owners except for Enid, Jakob and Annalise Duschka who did not answer their phone nor return left messages for the first visit.

Terrestrial Ecosystems assessed all vegetation (excluding planted crops, and paddocks cleared or left as fallow) using the foraging habitat categories as described in the Department of Water, Agriculture and the Environment’s (2022) referral guidelines. Table 1 indicates the referral thresholds contained in this document. There is a scoring system for determining the quality of foraging habitats that accompanies this table and that has been reproduced as Appendix A.

**Table 1. Foraging habitat categories for Carnaby’s Cockatoo (taken from Table 1A of Department of Water, Agriculture and the Environment’s (2022) referral guidelines\***

Attribute	Referral threshold
Breeding	Any loss of / impact upon known, suitable or potential nesting trees, and the habitat around these trees, is highly likely to require a referral to the minister. Loss of any potential nesting habitat is likely to require a referral to the minister.
High-quality native foraging habitat	Loss of greater than or equal to 1 ha of foraging habitat scoring 5-10 using the foraging quality scoring tool is likely to require referral to the minister. Foraging habitat quality is determined using the foraging quality scoring tool and takes into account context i.e. proximity of the impact site to important attributes.
Lower-quality native foraging habitat	Loss of greater than or equal to 10 ha of foraging habitat scoring 0-4 using the foraging quality scoring tool is likely to require referral to the minister. Foraging habitat quality is determined using the foraging quality scoring tool and takes into account context i.e. proximity of the impact site to important attributes.
Exotic foraging habitat	Loss of greater than or equal to 1 ha of predominantly exotic habitat (e.g. Cape Lilac trees and pine trees) known to be utilised by black cockatoos is likely to require a referral to the minister.
Night roosting habitat	Removal of any part of a known night roosting site is likely to require referral to the minister.

\* The foraging scoring tool is reproduced in Appendix A

To undertake this assessment Terrestrial Ecosystems traversed each of the areas, noting the vegetation type and estimating the height of the upper stratum. The GPS location of all tall trees were recorded (except for pine trees) and a search was completed for evidence of past or recent Black-Cockatoo foraging. All potential Black-Cockatoo breeding trees (i.e. eucalypts with a diameter at breast height of  $\geq 50\text{cm}$ ) had their DBH measured and any eucalypt trees with hollows of suitable dimensions for a Black-Cockatoo nesting site were noted and the hollow(s) dimensions recorded.

For the purposes of this assessment, ‘tall trees’ were defined as typically having one or more vertical trunks, not sprouting from the base and being  $\geq 8\text{m}$  tall, except for Coastal Blackbutt where the height was typically  $\geq 6\text{m}$ . Most of the pine trees met the criteria, however, although they can provide a foraging resource for Black-Cockatoos, they do not form hollows and therefore do not provide nesting sites for Black-Cockatoos. The individual tree locations and heights for some pine trees were not recorded, but given they are in groves and planted at the same time they are mapped.

Tree height was estimated using a range-finder for a couple of the trees in a grove and then those trees were used as a reference to estimate the height of other trees in that grove. For trees with a DBH  $\geq 50\text{cm}$ , the actual circumference of the tree at breast height was measured.

In 2022 the Commonwealth Department of Agriculture, Water and the Environment (2022) released ‘*Referral guideline for 3 WA threatened black cockatoo species Carnaby’s Cockatoo (Zanda latirostris), Baudin’s Cockatoo (Zanda baudinii) and the Forest Red-tailed Black-cockatoo (Calyptorhynchus banksii naso)*’. The criteria for assessing the impacts on Black-Cockatoos contained in this report have been used in this assessment.

### *Structure of results*

The results of the field investigation are reported first as some general and contextual observations under two headings: a) trees; and b) foraging habitat for Black-Cockatoos. This is followed by the provision of information about specific areas. Each of these areas have been marked on Figures B1-17 and C1-9.

## Results

### *Trees*

Trees in the project area could be classified as *in-situ* native and non-planted, with the native trees typically being found either in the conservation reserve, in the proposed powerline route or roadside vegetation; groves of planted trees, were mostly in the paddocks. Many of the larger trees, particularly those in paddocks within the project area had been planted, and the majority are non-endemic eucalypts or pine trees. It was also apparent that many of the groves of trees had been planted at about the same time as they were of a very similar height and trunk diameter.

It appears the farmers had planted trees to act as wind breaks, mostly along boundary fences or around contours or as shade trees for sheep and cattle. Many of these trees are young or their structure did not conform with the definition used to define tall trees. There are numerous single or small groves of low trees, that are not considered as 'tall trees' and some have not been mapped in the figures nor have their height and trunk diameters been recorded. In addition, there are small groves of trees (*Eucalyptus todtiana*) in the southern area that have a height of 6-10m and are used as shelter by the stock in those paddocks. These groves of trees contained species that do not typically form hollows nor provide a foraging resource for Black-Cockatoos, and trunks have often grown at oblique angles, so they are of little consequence in a Black-Cockatoo habitat assessment.

### *Hollows suitable for nesting sites for Black-Cockatoos*

We found Marri trees (*Corymbia calophylla*) trees in one area under the proposed transmission line that contained hollows of suitable dimensions to provide a nesting site for Black-Cockatoos. No other area contained trees with suitable hollows for Black-Cockatoo nests.

### *Tall and significant trees*

The location of tall trees, pines and those that might grow to form hollows and provide nesting sites for Black-Cockatoos (i.e. eucalypts with a DBH  $\geq 50$ cm; i.e. significant trees) are shown in Appendix B and have been mapped in Figure B. Images of the sixty-four significant Black-Cockatoo habitat trees are shown in Appendix C.

### *Foraging habitat for Black-Cockatoos*

It should be noted that our reporting of the upper stratum height of foraging vegetation for Black-Cockatoos in many circumstances is a very poor indication of the foraging habitat and is misleading. Most of the vegetation is at a lower level often with very few plant species growing to a higher level to form the upper stratum.

We found no evidence of Black-Cockatoos foraging in the project area, nor were any Black-Cockatoos seen during the field survey in the project area. However, unless there was heavy foraging in the kwongan heath, it could be difficult to detect foraging particularly on *Hakea* spp. and *Grevillea* spp.. Chewing of banksia infructescences and pinecones is obvious and was not observed and we found no pinecones that had been chewed by Black-Cockatoos.

There were patches of kwongan heath dominated by proteaceous plant species such as *Banksia* spp., *Hakea* spp. and *Grevillea* spp. which is listed as prime foraging habitat for Carnaby's Black-Cockatoo (Johnston 2013, Department of Agriculture Water and the Environment 2022) that have been mapped in Figure C, along with an indication of the maximum height of the upper stratum.

The large pine plantation in the southern part of the project area had been substantially burnt and many of the trees appeared dead. A few of the trees had survived the burn, so there are a few live trees but generally there were none providing foraging value for Black-Cockatoos. The other small pine plantations that were well established, also rated as a 5, although we found no evidence that Black-Cockatoos had foraged on any of the pinecones.

Many of the paddocks had been planted with cereal crops which were beginning to die off and would be ready for harvesting within the coming weeks. A couple of other paddocks had been sown with lupins, which is a low value food for Carnaby's Black-Cockatoo (Groom 2011).

*Carnaby's Black-Cockatoo breeding*

There was no evidence to indicate that Carnaby's Black-Cockatoo was breeding in or near the project area. However, the owner of Ejeed Pty Ltd farm indicated that Carnaby's Black-Cockatoos used to breed every year in the very old trees along a creek line on his property, but they had been displaced by the Little Corella. We observed a large number of Little Corella breeding in the trees along the creek line.

*Tree and foraging habitat data*

Areas other than paddocks in fallow, with wheat or lupin crops or providing little if any foraging habitat for Black-Cockatoos have not been marked on Figure C. Areas that provide potential foraging habitat are marked on Figure C. Habitat assessment for the various areas described below are linked to Figure B.

*Area 1*

Habitat: Kwongan heath, high quality  
Upper stratum height: 2.5m  
Rating: 8  
Comment: Roadside disturbance



Area 1



Area 1

*Area 2*

Habitat: Kwongan heath, high quality  
Upper stratum height: 2.5m  
Rating: 8  
Comment: Evidence of foxes, cats, echidna and kangaroos



Area 2



Area 2

*Area 3*

Habitat: Kwongan heath, high quality

Upper stratum height: 0.5m on the west side of the Brand Hwy, and 1.3m on the eastern side of the Brand Hwy

Rating: 7

Comment: Roadside disturbance



Area 3 west side



Area 3 east side

*Area 4*

Habitat: Kwongan heath regenerating from fire, high quality and improving with age post-burn

Upper stratum height: 2.5m

Rating: 8

Comment: The only evidence of fire is the lower level of vegetation compared with the unburnt adjacent section



Area 4



Area 4

*Area 5*

Habitat: Kwongan heath, high quality

Upper stratum height: 2.5m

Rating: 8

Comment:



Area 5



Area 5

*Area 6*

Habitat: Kwongan heath with grasstrees, high quality. Generally lower vegetation but more dense near ground level than in adjacent areas

Upper stratum height: 1.0m

Rating: 8

Comment:



Area 6



Area 6

*Area 7*

Habitat: Kwongan heath, high quality

Upper stratum height: 6m

Rating: 8

Comment:



Area 7



Area 7

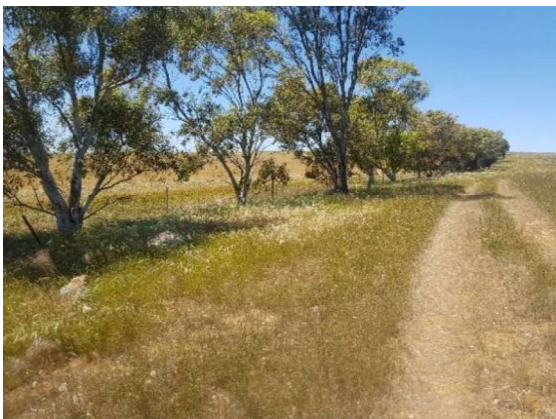
*Area 8*

Habitat: Planted paddock trees, variety of mostly non-endemic species

Upper stratum height: 8m

Rating: 0

Comment:



Area 8



Area 8

*Area 9*

Habitat: Kwongan heath, high quality

Upper stratum height: 2m

Rating: 8

Comment: Roadside disturbance



Area 9



Area 9

*Area 10*

Habitat: Grasses, very poor-quality foraging habitat

Upper stratum height: 0.25m, excluding one significant tree

Rating: 0

Comment: Adjacent to a rocky ridge, so it is possibly unsuitable for cropping



Area 10



*Area 11*

Habitat: Planted paddock trees along an internal track

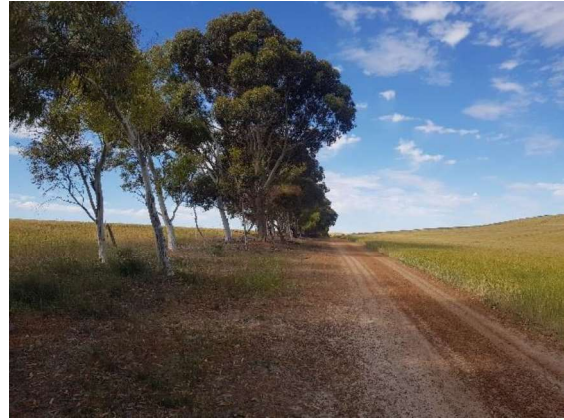
Upper stratum height: 12-18m

Rating: 0

Comment: Planted, mostly non-endemic tall trees along a paddock fence



Area 11



Area 11

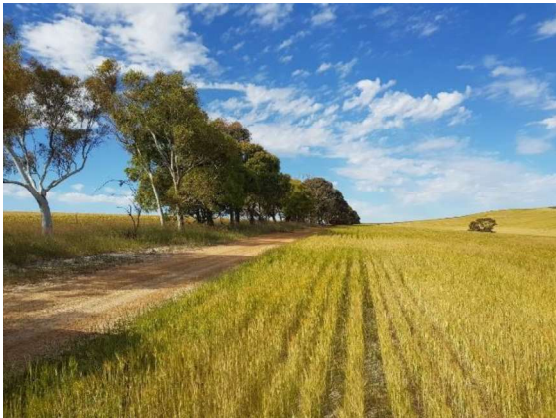
*Area 12*

Habitat: Planted paddock trees

Upper stratum height: 10-14m

Rating: 0

Comment: Planted, mostly non-endemic tall trees along a paddock fence



Area 12

*Area 13*

Habitat: Well established planted pine trees

Upper stratum height: Uniform height to a maximum of 18m

Rating: 8

Comment: There was no evidence that Black-Cockatoos had foraged the pinecones



Area 13



Area 13

*Area 14*

Habitat: Planted pine trees

Upper stratum height: Uniform height to a maximum of 18m

Rating: 8

Comment: There was no evidence that Black-Cockatoos had forage the pinecones



Area 14

*Area 15*

Habitat: Planted pine trees

Upper stratum height: Varying heights to a maximum of about 18m

Rating: 0

Comment: Small grove of pine trees in a paddock



Area 15

*Area 16*

Habitat: Planted pine trees

Upper stratum height: Varying heights to a maximum of about 18m

Rating: 0

Comment: Grove of well-established pine trees



Area 16

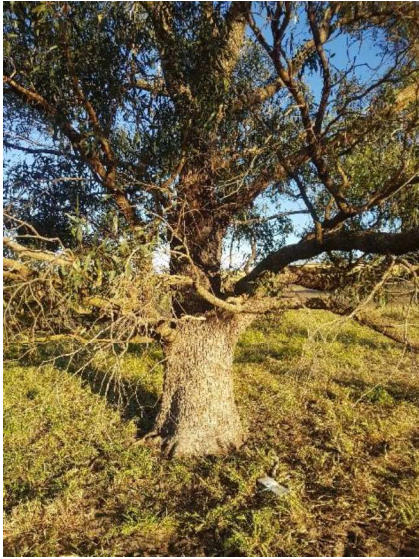
*Area 17*

Habitat: Planted paddock trees

Upper stratum height: Varying heights to a maximum of about 16m

Rating: 0

Comment: Varying tree heights in a paddock that are left in fallow



Area 17

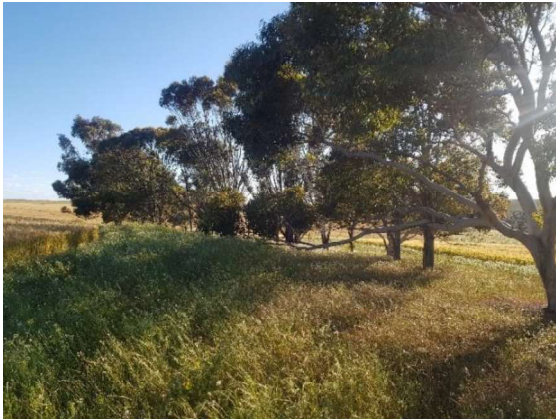
*Area 18*

Habitat: Planted paddock trees

Upper stratum height: Varying heights to a maximum of about 15m

Rating: 0

Comment: Non-endemic trees planted around the contour



Area 18

*Area 19*

Habitat: Planted paddock trees

Upper stratum height: Varying heights to a maximum of about 17m

Rating: 0

Comment:



Area 19

*Area 20*

Habitat: Planted paddock trees

Upper stratum height: Varying heights to a maximum of about 16m

Rating: 0

Comment:



Area 20



Area 20

*Area 21*

Habitat: Planted paddock trees

Upper stratum height: Varying heights to a maximum of about 19m

Rating: 0

Comment:



Area 21



Area 21

*Area 22*

Habitat: Planted paddock trees

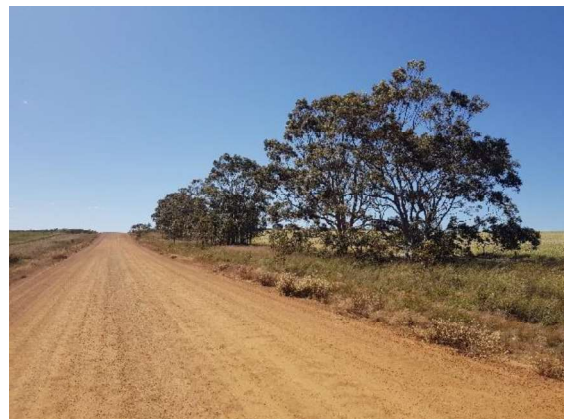
Upper stratum height: Varying heights to a maximum of about 19m

Rating: 0

Comment:



Area 22



Area 22

*Area 23*

Habitat: Kwongan heath

Upper stratum height: 2m

Rating: 8

Comment: Roadside disturbance, but this is unlikely to impact on Black-Cockatoo foraging behaviour



Area



Area

*Area 24*

Habitat: Planted paddock trees

Upper stratum height: Varying heights to a maximum of about 15m

Rating: 0

Comment: A variety of mostly non-endemic tree species



Area 24



Area 24

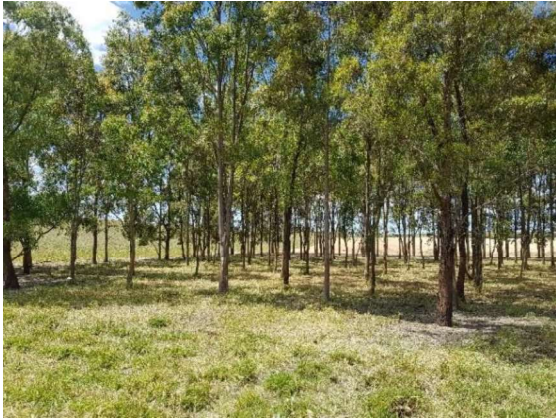
*Area 25*

Habitat: Planted paddock trees

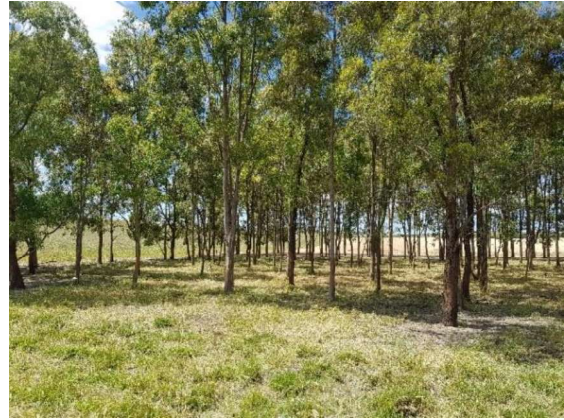
Upper stratum height: 9m

Rating: 0

Comment: Paddock trees, appeared to have been all planted about the same time



Area 25



Area 25

*Area 26*

Habitat: Planted pine trees (mostly dead)

Upper stratum height: 19m

Rating: 0

Comment: The majority of pine trees have been burnt and do not provide foraging value for Black-Cockatoos



Area 26



Area 26



*Area 27*

Habitat: Planted paddock trees

Upper stratum height: 9m

Rating: 0

Comment:



*Area 27*

*Area 28*

Habitat: Planted paddock trees

Upper stratum height: 9m

Rating: 0

Comment:



*Area 28*

*Area 29*

Habitat: Groves of Coastal Blackbutt trees

Upper stratum height: 10m, although the maximum height of the various groves ranged from 6 – 10m

Rating: 0

Comment: The trunks of many of these trees were at an oblique angle



Area 29



Area 29

*Area 30*

Habitat: Paddocks on the south -eastern side and high quality Kwongan heath on the north-western side, but south of the gravel track

Upper stratum height: 2m,

Rating: 8

Comment: The trunks of many of these trees were at an oblique angle



Area 30



Area 30

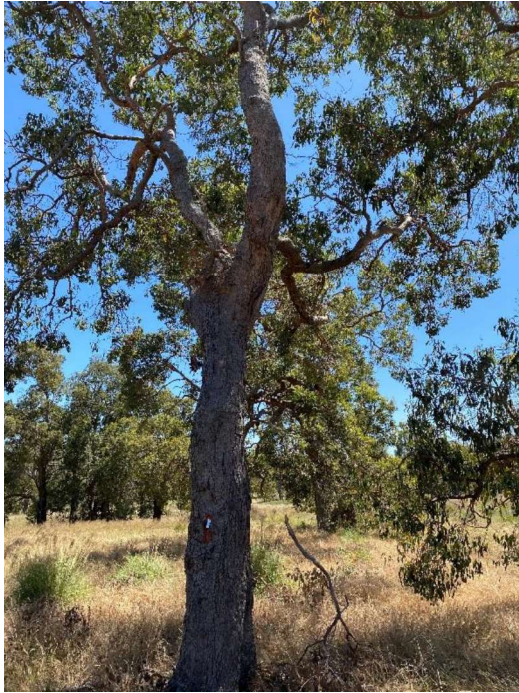
*Area 31*

Habitat: Grove of Marri trees

Upper stratum height: 16m, although the majority of Marri trees 9–16m

Rating: 8

Comment: Sixty four significant trees were recorded in this area, some with hollows that might provide nesting sites for Black-Cockatoos in the future, but there was no evidence of Black Cockatoos nesting in any of the trees. These trees are near high quality kwongan foraging areas. Details of the trees are provided in Appendix B with images shown in Appendix C.



Area 31



Area 31

*Area 32*

Habitat: Kwongan heath, high quality

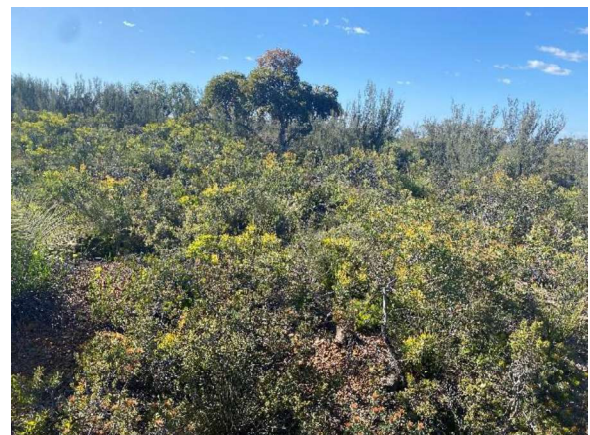
Upper stratum height: 4m, but these are sparsely distributed trees with the Kwongan heath most to a maximum height of 2.5m

Rating: 8

Comment: Sand tracks in this area



Area 32



Area 32

*Area 33*

Habitat: Kwongan heath, high quality

Upper stratum height: 4m, but these are sparsely distributed trees with the Kwongan heath most to a maximum height of 2.5m

Rating: 8

Comment: Sand tracks and the Brand Highway are in this area



Area 33



Area 33

**Discussion**

There is a recorded Carnaby's Black-Cockatoo breeding site between 8-20km north-east of the project area and an abundance of mature Marri and Wandoo trees along a creek line approximately 10km south of the project area that also provides nesting opportunities for this cockatoo. If Black-Cockatoos are breeding in these locations, then the Kwongan heath and Marri trees in the project area is within easy flying range as a food resource when raising chicks.

Fauna habitats in the assessed area can be categorised as:

- Kwongan heath, which was largely undisturbed, even in areas adjacent to roads and tracks, unless a road drainage gully had been cut through the vegetation;
- Grove of Marri trees in close proximity to high quality foraging habitat in the transmission corridor;
- Non-endemic planted paddock trees that have been planted along fence lines or around contours;
- Planted paddock trees, which were groves of trees, some of which had been planted in paddock in fallow presumably to provide shade and protection for sheep and cattle;
- Agricultural crops mostly of wheat and lupins; and
- Fallow paddocks, that had been cleared of almost all native vegetation but had no recent crop, and could have contained an abundance of weeds.

Please contact the undersigned (0407 385 239) or Dr Graham Thompson (0438 491 227) should you have any questions regarding this report.

Yours sincerely

Dr Scott Thompson  
Partner and Principal Zoologist

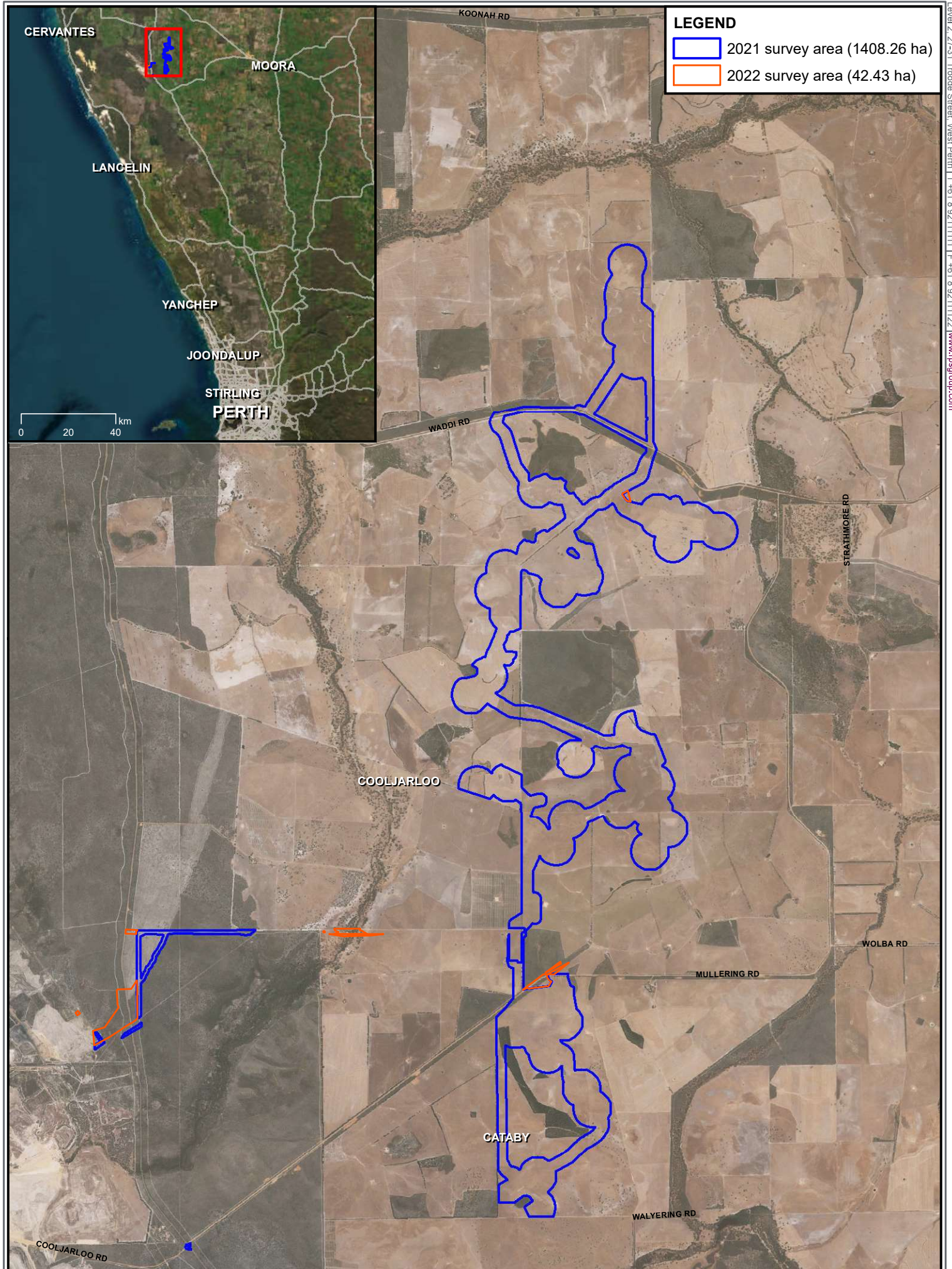
## References

- Department of Agriculture Water and the Environment. 2022. Referral guideline for 3 WA threatened black cockatoo species Carnaby's Cockatoo (*Zanda latirostris*), Baudin's Cockatoo (*Zanda baudinii*) and the Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii naso*). Canberra.
- Groom, C. 2011. Plants Used by Carnaby's Black Cockatoo. Perth.
- Johnston, T. 2013. Food resource availability for Carnaby's cockatoo *Calyptorhynchus latirostris* on the Swan coastal plain. Edith Cowan, Perth.

## Disclaimer:

This document is prepared in accordance with and subject to an agreement between Terrestrial Ecosystems and the client, RPS Environment. It has been prepared and is restricted to those issues that have been raised by the client in its engagement of Terrestrial Ecosystems and prepared using the standard of skill and care ordinarily exercised by environmental scientists in the preparation of such reports.

Persons or agencies that rely on or use this document for purposes or reasons other than those agreed by Terrestrial Ecosystems and its client without first obtaining prior consent, do so at their own risk and Terrestrial Ecosystems denies all liability in tort, contract or otherwise for any loss, damage or injury of any kind whatsoever (whether in negligence or otherwise) that may be suffered as a consequence.



**Figure A**

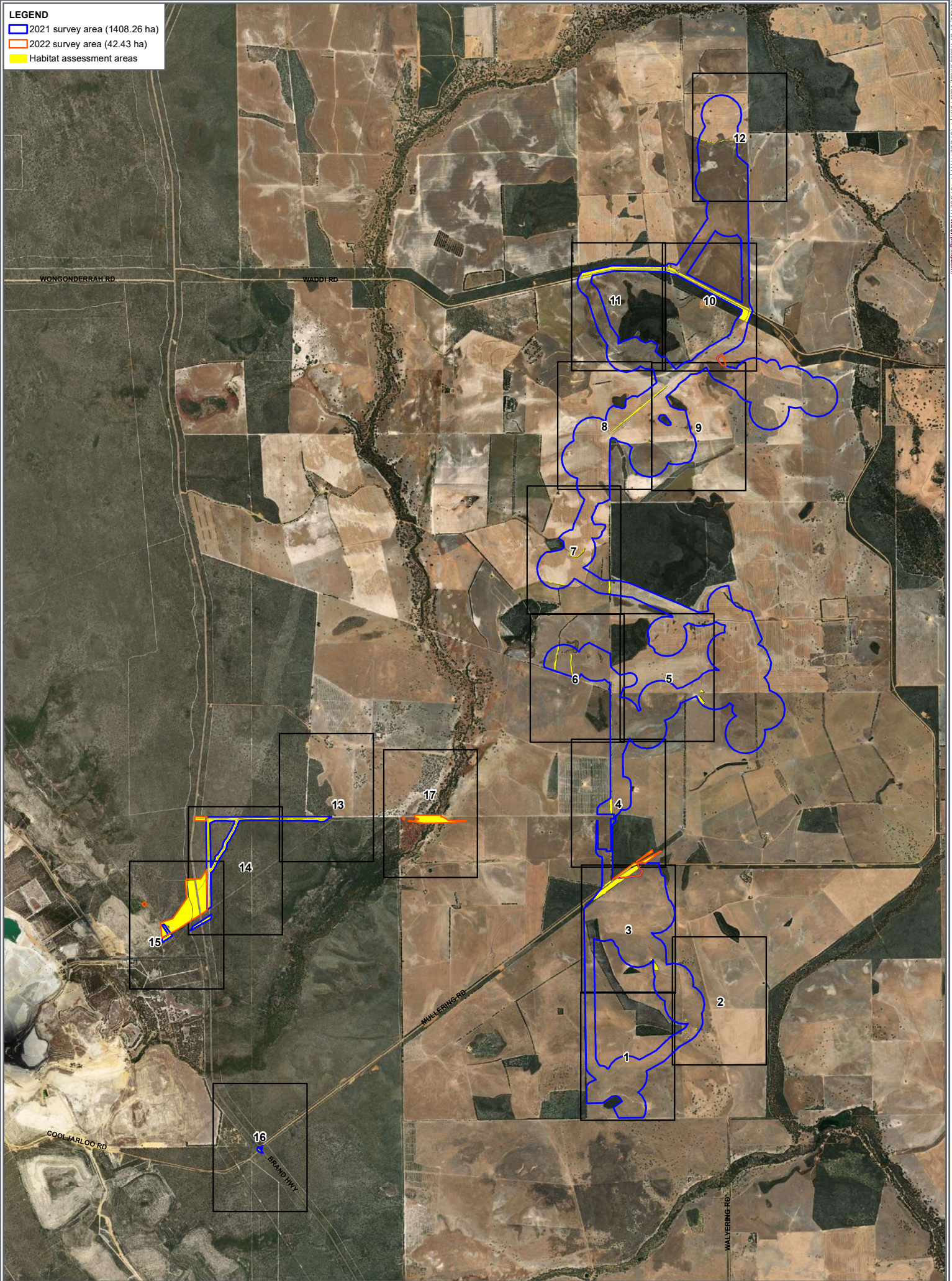
**Site Location**

GDA 1994 MGA Zone 50

Job Number: EP1749-001 FV (L18167)  
 Date: 14.11.22  
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 Created by: QS  
 Source: Imagery - Landgate



**LEGEND**  
 2021 survey area (1408.26 ha)  
 2022 survey area (42.43 ha)  
 Habitat assessment areas

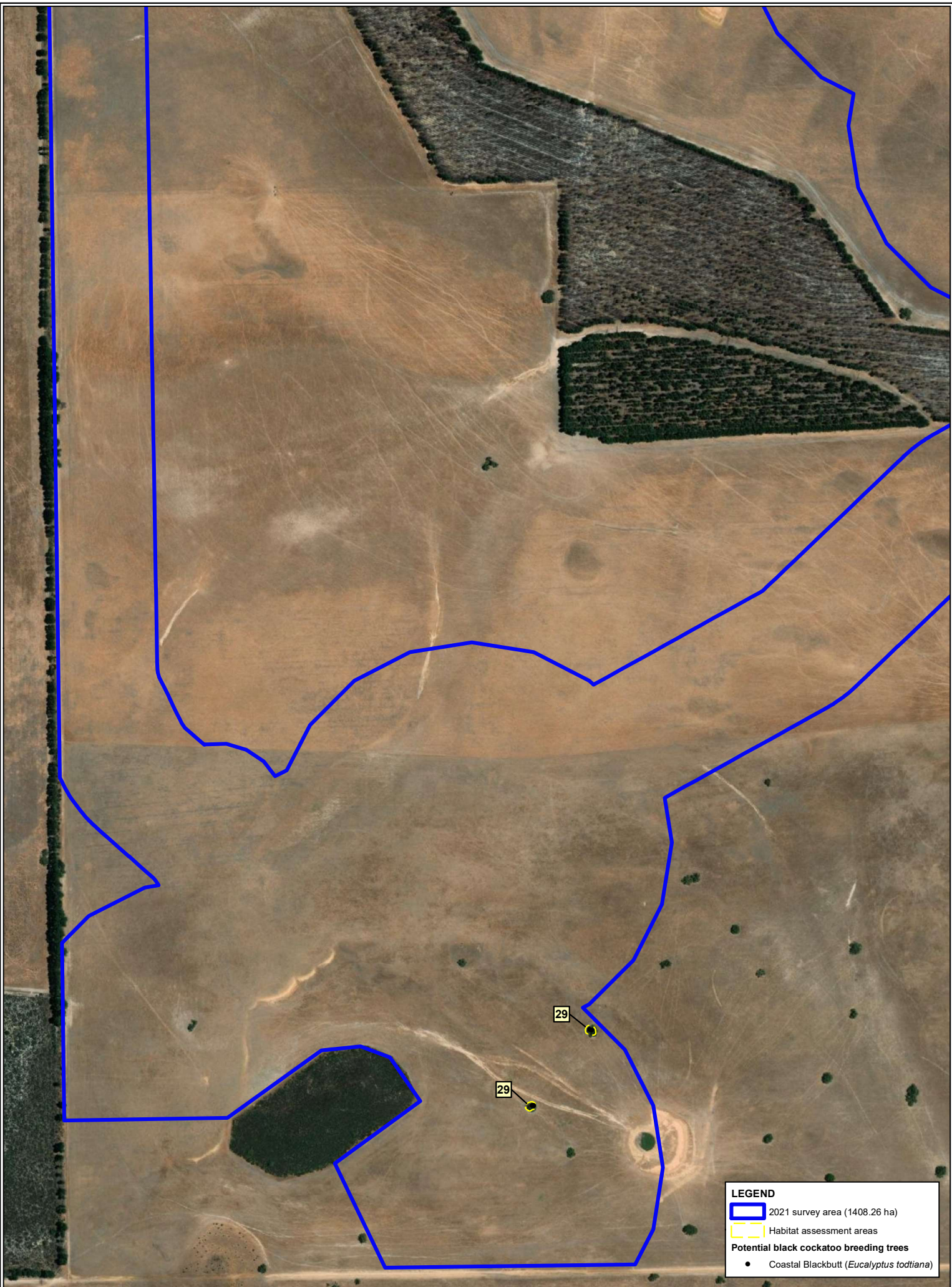


**Figure B**  
**Habitat assessment areas**



Job Number: EP1749-001 BC (L18167-005)  
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 Source: Orthophoto - Esri World Imagery 2022





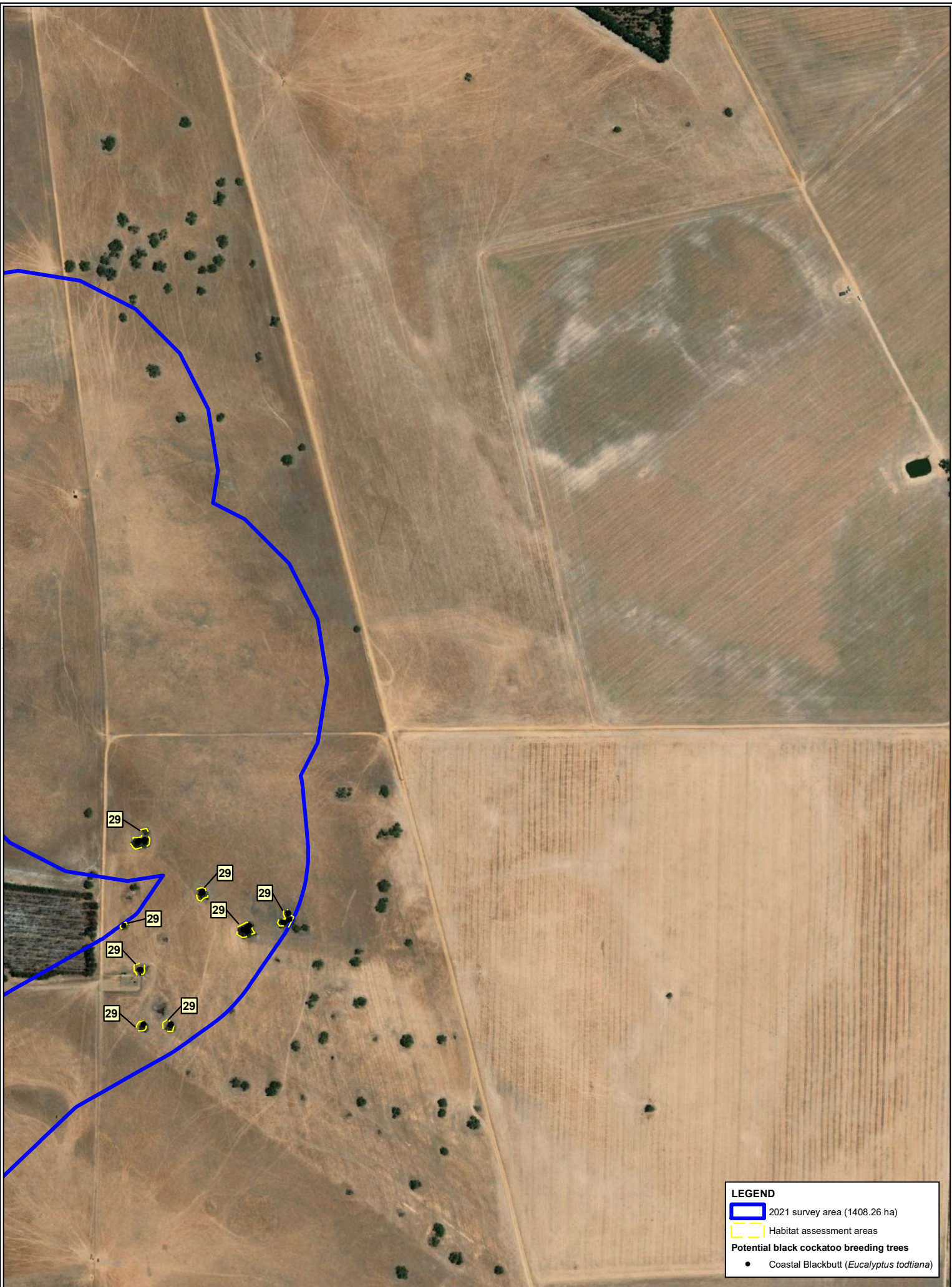
**Figure B**  
Sheet 1 of 17  
Habitat assessment areas

GDA 1994 MGA Zone 50  
0 50 100 200 m

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Source: Esri World Imagery 2022



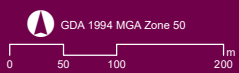




**LEGEND**

- 2021 survey area (1408.26 ha)
- Habitat assessment areas
- Potential black cockatoo breeding trees**
  - Coastal Blackbutt (*Eucalyptus totiana*)

**Figure B**  
Sheet 2 of 17  
**Habitat assessment areas**



Job Number: EP1749-001 BC (L18167-005)  
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Scale: 1:5,000 @ A3  
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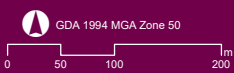
**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Habitat assessment areas

**Potential black cockatoo breeding trees**

- Planted tree

**Figure B**  
 Sheet 3 of 17  
 Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
 Date: 03.02.22  
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 Created by: MA  
 Source: Esri World Imagery 2021

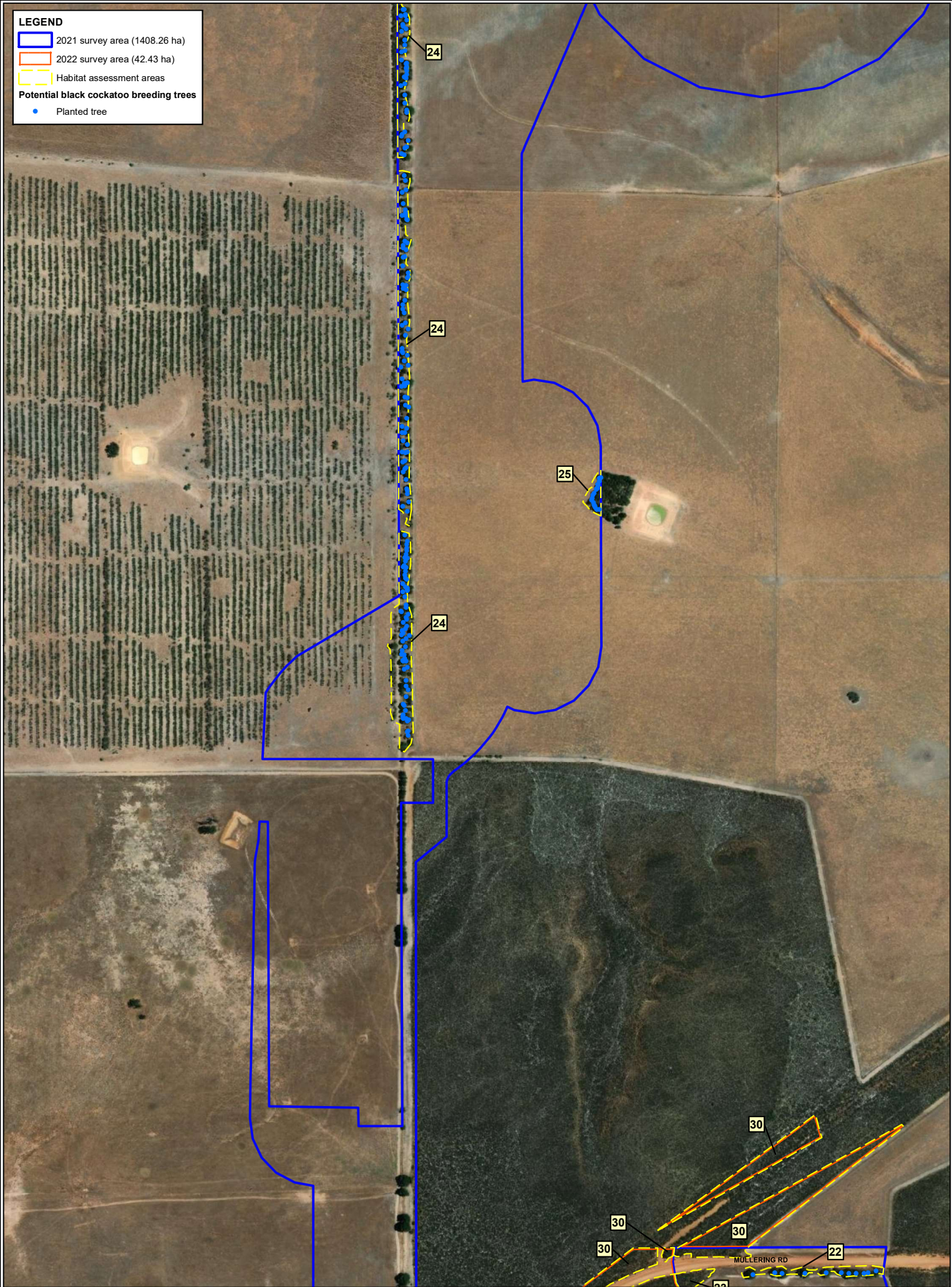


**LEGEND**

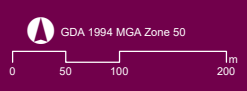
- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Habitat assessment areas

**Potential black cockatoo breeding trees**

- Planted tree





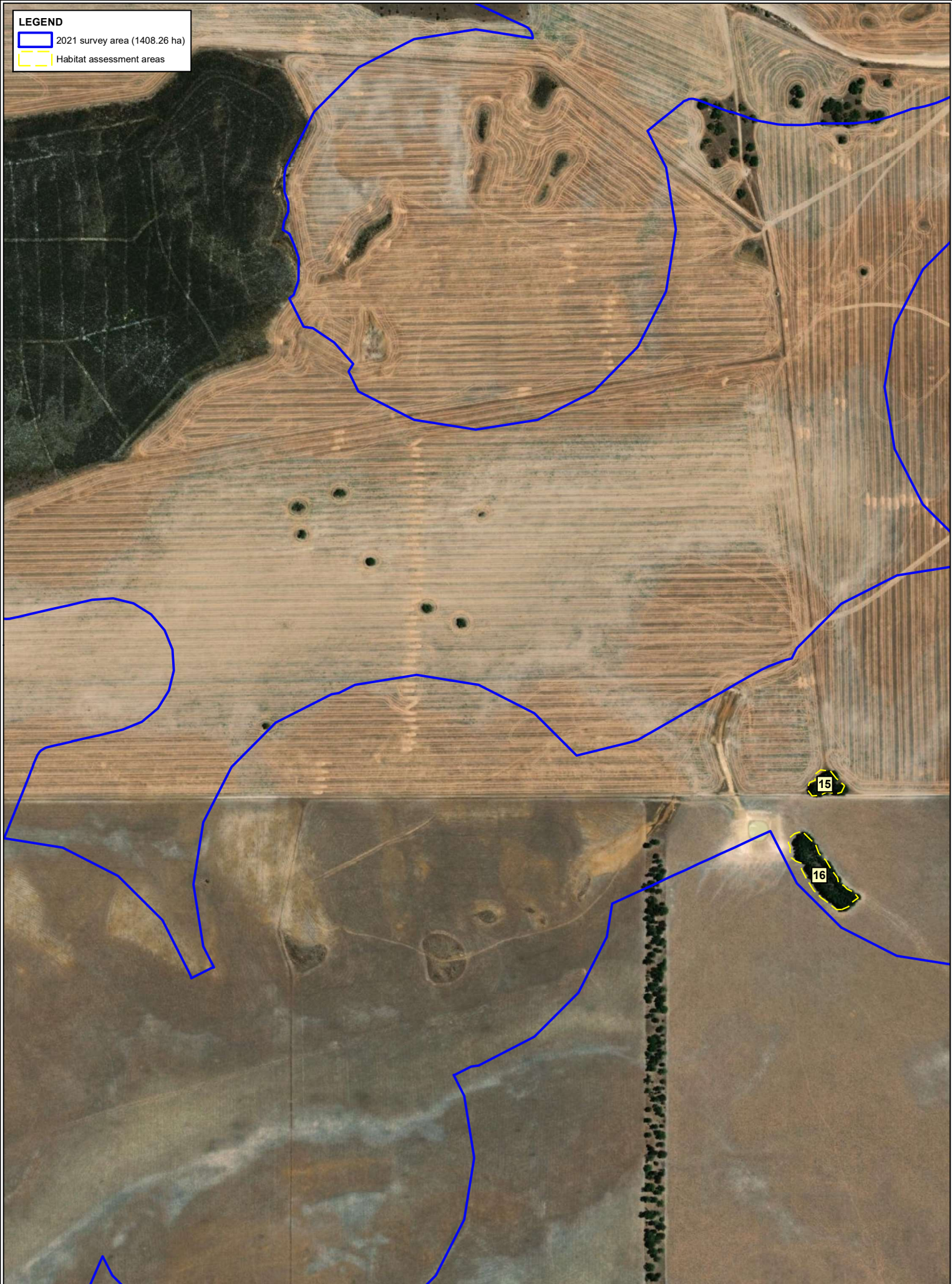
**Figure B**  
 Sheet 4 of 17  
 Habitat assessment areas



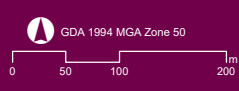
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 Scale: 1:5,000 @ A3  
 Created by: MA  
 Source: Esri World Imagery 2021



**LEGEND**  
 2021 survey area (1408.26 ha)  
 Habitat assessment areas



**Figure B**  
Sheet 5 of 17  
Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
Date: 03.02.22  
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Source: Esri World Imagery 2021

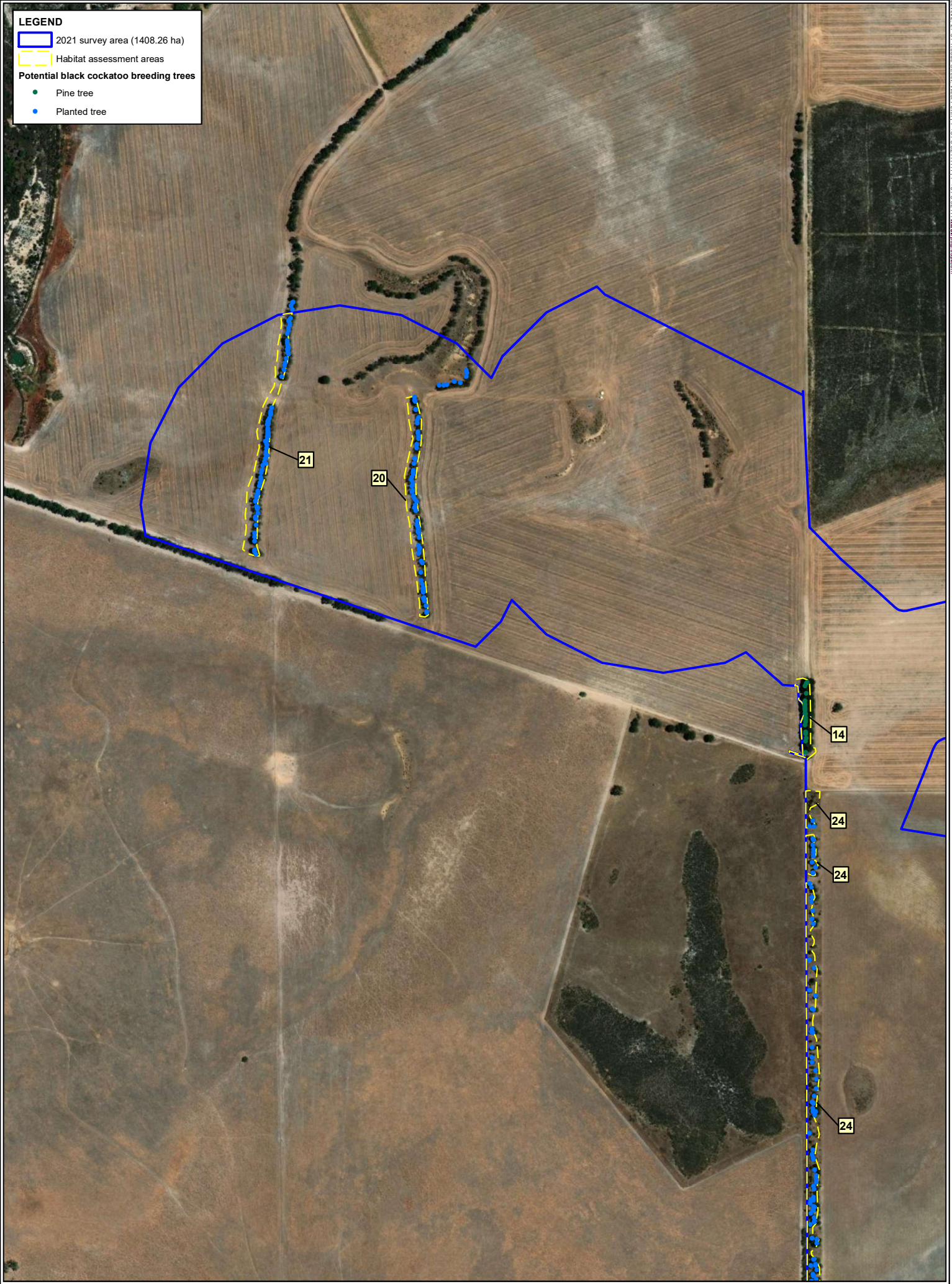


**LEGEND**

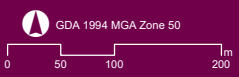
- 2021 survey area (1408.26 ha)
- Habitat assessment areas

**Potential black cockatoo breeding trees**

- Pine tree
- Planted tree



**Figure B**  
 Sheet 6 of 17  
 Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
 Date: 03.02.22  
 Scale: 1:5,000 @ A3  
 Created by: MA  
 Source: Esri World Imagery 2021

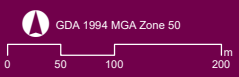


**LEGEND**

- 2021 survey area (1408.26 ha)
- Habitat assessment areas
- Potential black cockatoo breeding trees
  - Pine tree
  - Planted tree



**Figure B**  
Sheet 7 of 17  
Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
Date: 03.02.22  
Scale: 1:5,000 @ A3  
Created by: MA  
Source: Esri World Imagery 2021

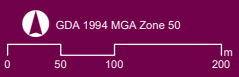


**LEGEND**

- 2021 survey area (1408.26 ha)
- Habitat assessment areas
- Potential black cockatoo breeding trees**
  - Planted tree
  - Dead



**Figure B**  
Sheet 8 of 17  
Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
Date: 03.02.22  
Scale: 1:5,000 @ A3  
Created by: MA  
Source: Esri World Imagery 2021

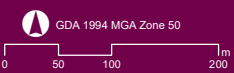




**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Habitat assessment areas
- Potential black cockatoo breeding trees**
- Planted tree

**Figure B**  
 Sheet 9 of 17  
 Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
 Date: 15.11.22  
 Scale: 1:5,000 @ A3  
 Created by: OS  
 Source: Esri World Imagery 2022





**LEGEND**

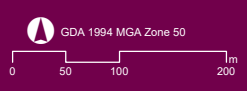
- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Habitat assessment areas

**Potential black cockatoo breeding trees**

- Marri (*Corymbia calophylla*)
- Native *Eucalyptus* sp.
- Planted tree



**Figure B**  
 Sheet 10 of 17  
 Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
 Date: 03.02.22  
 Scale: 1:5,000 @ A3  
 Created by: MA  
 Source: Esri World Imagery 2021



**LEGEND**

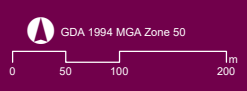
- 2021 survey area (1408.26 ha)
- Habitat assessment areas

**Potential black cockatoo breeding trees**

- Native *Eucalyptus* sp.



**Figure B**  
 Sheet 11 of 17  
 Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
 Date: 03.02.22  
 Scale: 1:5,000 @ A3  
 Created by: MA  
 Source: Esri World Imagery 2021



**LEGEND**

- 2021 survey area (1408.26 ha)
- Habitat assessment areas



**Figure B**  
Sheet 12 of 17  
Habitat assessment areas

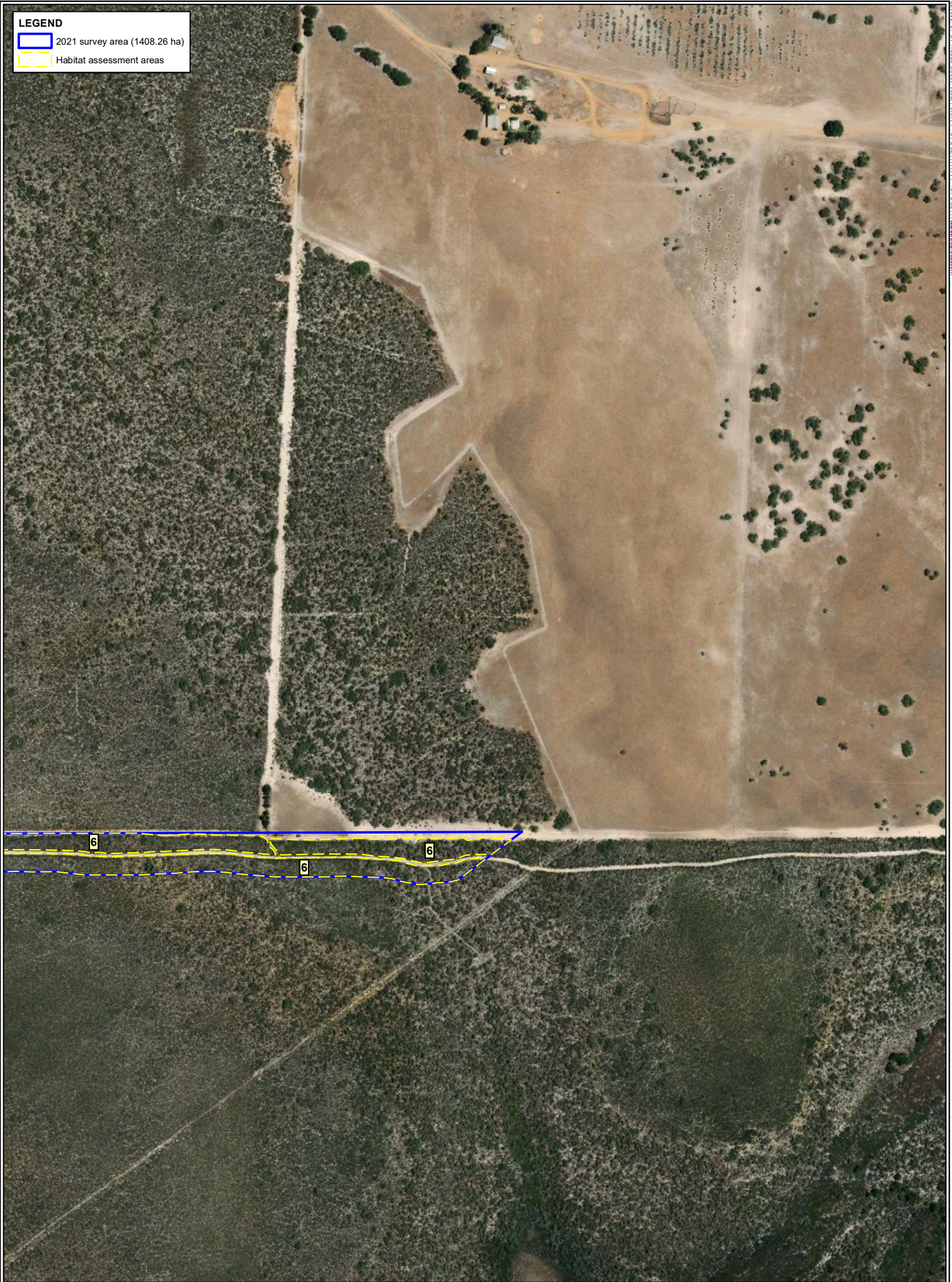
GDA 1994 MGA Zone 50

0 50 100 200 m

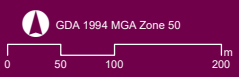
Job Number: EP1749-001 BC (L18167-005)  
Date: 03.02.22  
Scale: 1:5,000 @ A3  
Created by: MA  
Source: Esri World Imagery 2021



**LEGEND**  
2021 survey area (1408.26 ha)  
Habitat assessment areas

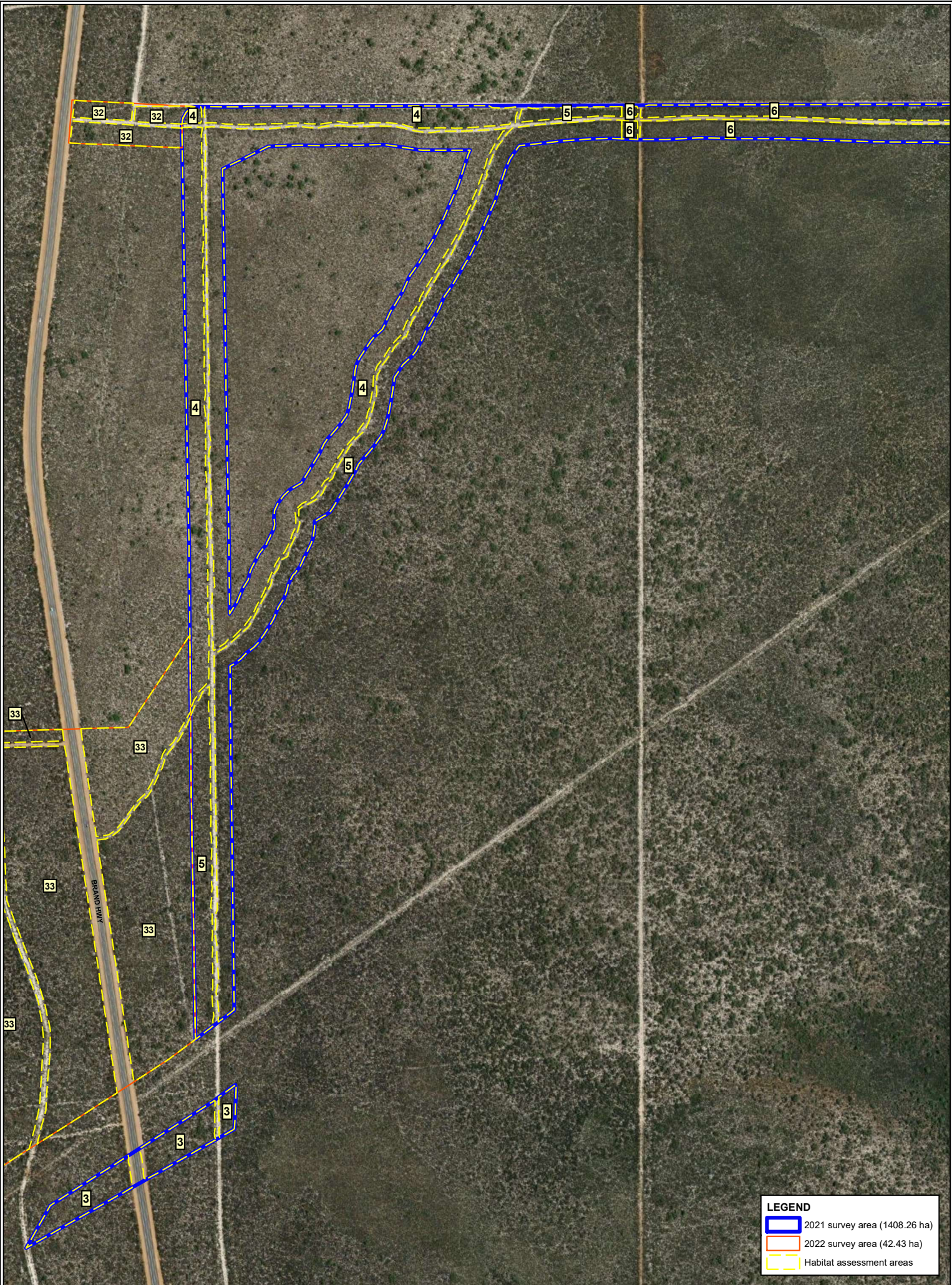


**Figure B**  
Sheet 13 of 17  
Habitat assessment areas



Job Number: EP1749-001 BC (L18167-005)  
Date: 03.02.22  
Scale: 1:5,000 @ A3  
Created by: MA  
Source: Esri World Imagery 2021

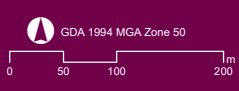




**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Habitat assessment areas

**Figure B**  
Sheet 14 of 17  
Habitat assessment areas

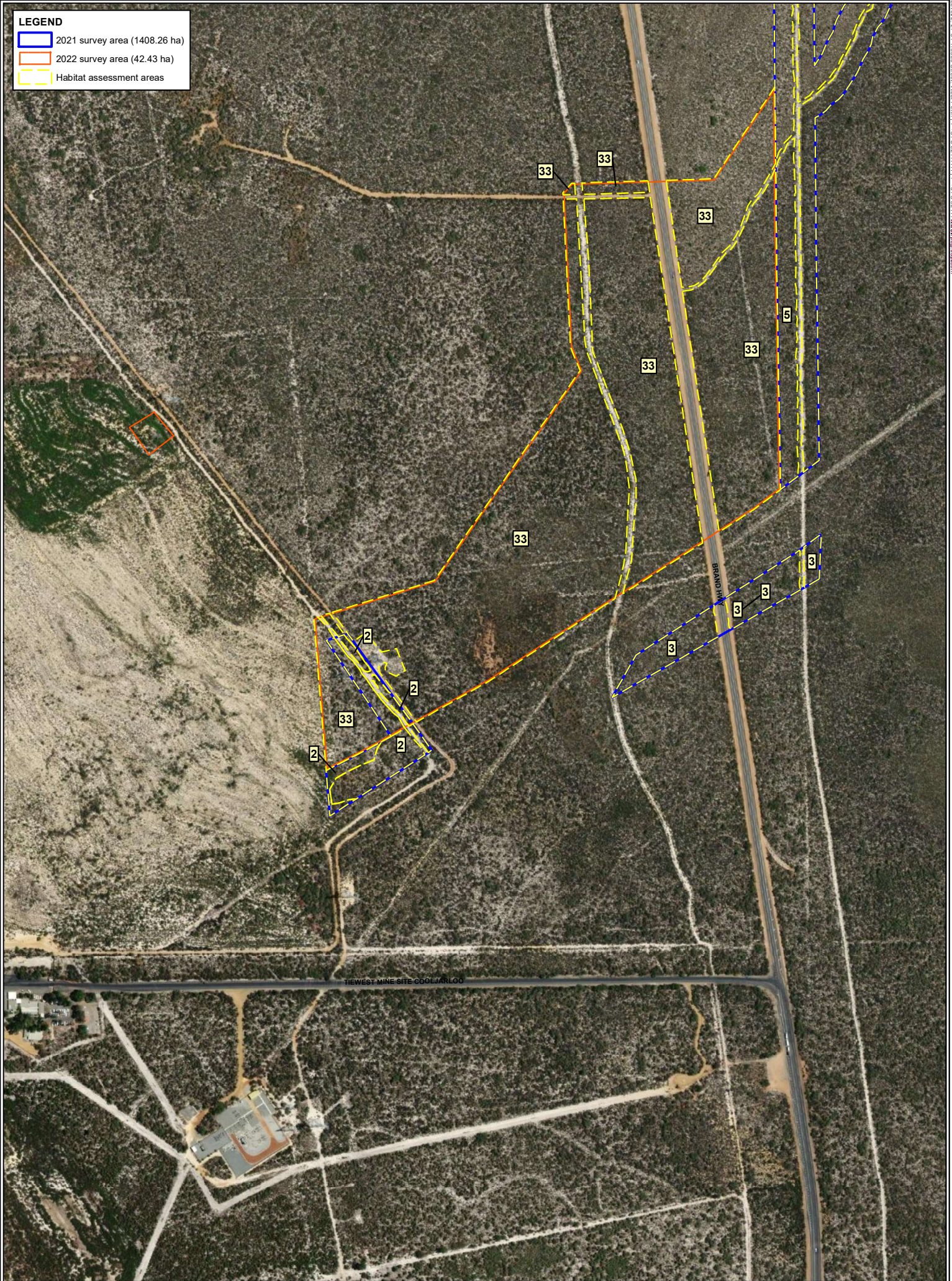


Job Number: EP1749-001 BC (L18167-005)  
Date: 15.11.22  
Scale: 1:5,000 @ A3  
Created by: QS  
Source: Esri World Imagery 2022



**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Habitat assessment areas



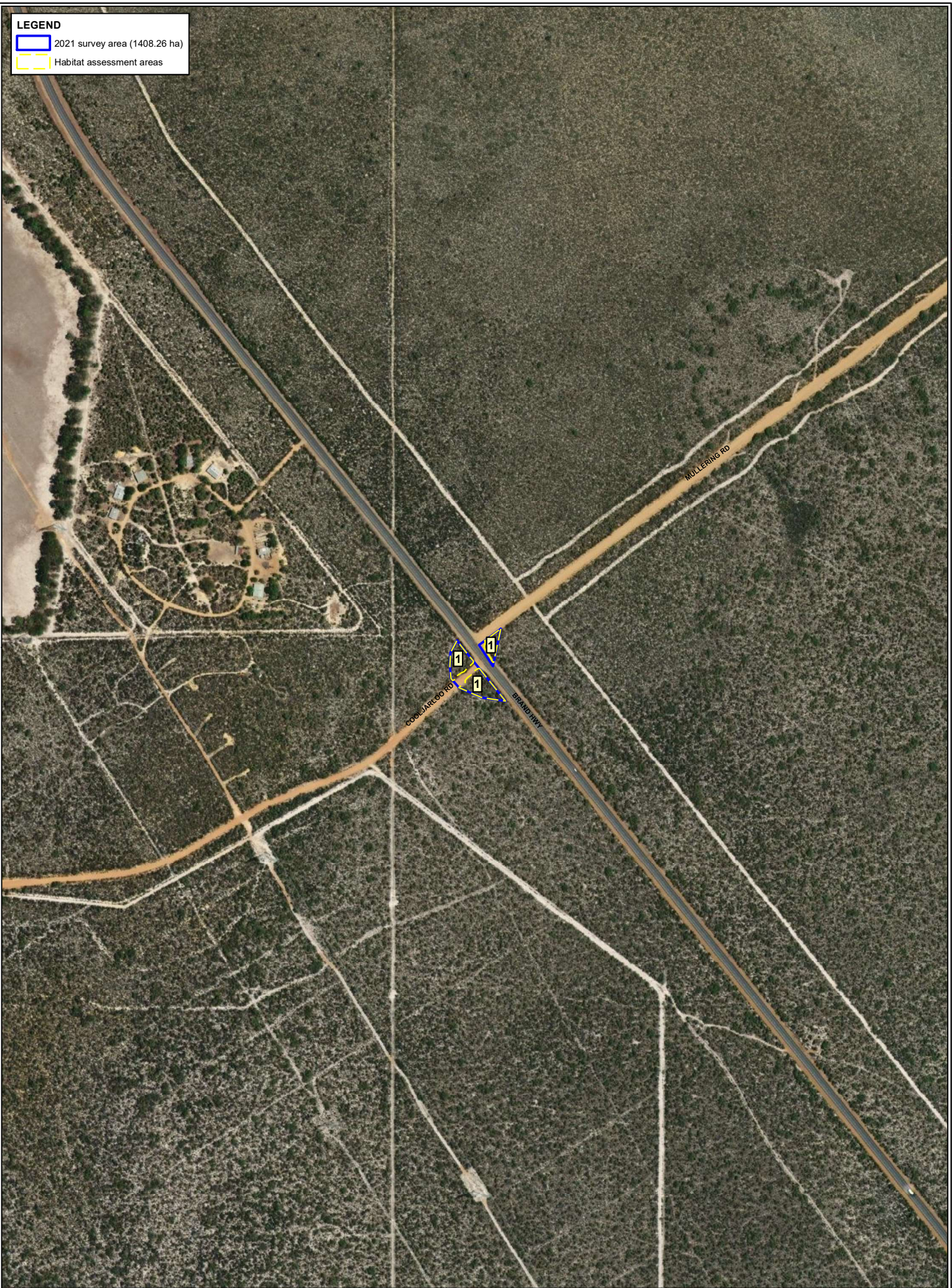
**Figure B**  
 Sheet 15 of 17  
 Habitat assessment areas

GDA 1994 MGA Zone 50

0 50 100 200 m

Job Number: EP1749-001 BC (L18167-005)  
 Date: 03.02.22  
 Scale: 1:5,000 @ A3  
 Created by: MA  
 Source: Esri World Imagery 2021





**LEGEND**

- 2021 survey area (1408.26 ha)
- Habitat assessment areas

**Figure B**  
Sheet 16 of 17  
Habitat assessment areas

GDA 1994 MGA Zone 50

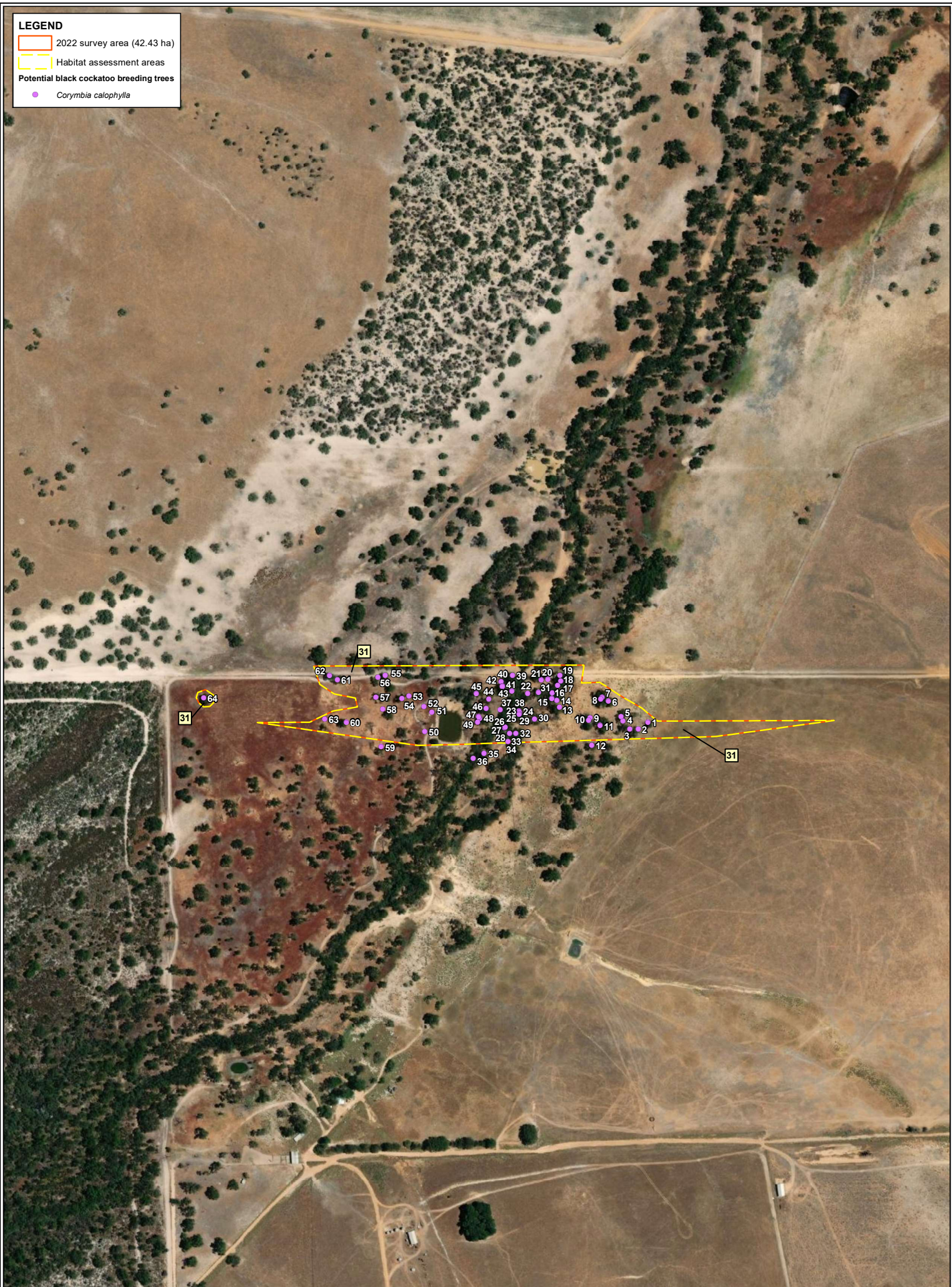
0 50 100 200 m

Job Number: EP1749-001 BC (L18167-005)  
Date: 03.02.22  
Scale: 1:5,000 @ A3  
Created by: MA  
Source: Esri World Imagery 2021



**LEGEND**

- 2022 survey area (42.43 ha)
- Habitat assessment areas
- Potential black cockatoo breeding trees
- *Corymbia calophylla*



**Figure B**  
 Sheet 17 of 17  
 Habitat assessment areas

GDA 1994 MGA Zone 50

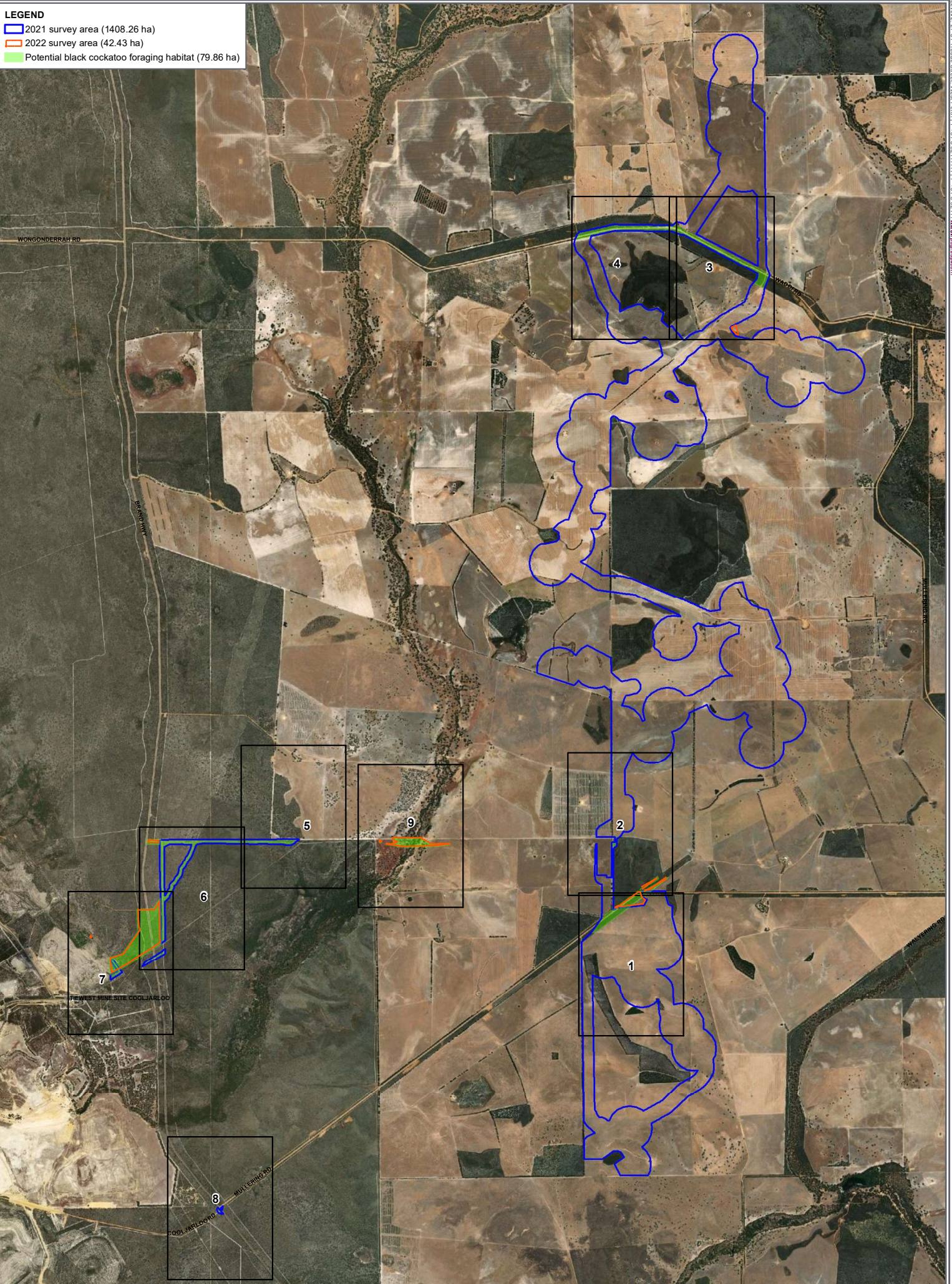
Job Number: EP1749-001 BC (L18167-005)  
 Date: 03.02.22  
 Scale: 1:5,000 @ A3  
 Created by: MA  
 Source: Esri World Imagery 2021





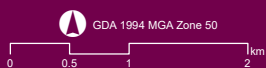
**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Potential black cockatoo foraging habitat (79.86 ha)



Level 2: 2/2/21 Trood Street, West Perth, T-461 8 92111111 E-461 8 92111111@Mapsonline.com

**Figure C**  
**Potential black cockatoo foraging habitat**



Job Number: EP1749-001 BC (L18167-005)  
 Date: 15-11-22  
 Scale: 1:45,000 @ A3  
 Created by: OS  
 Source: Orthophoto - Esri World Imagery 2022

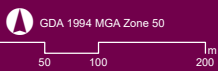


**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Potential black cockatoo foraging habitat



**Figure C**  
 Sheet 1 of 9  
 Potential black cockatoo foraging habitat

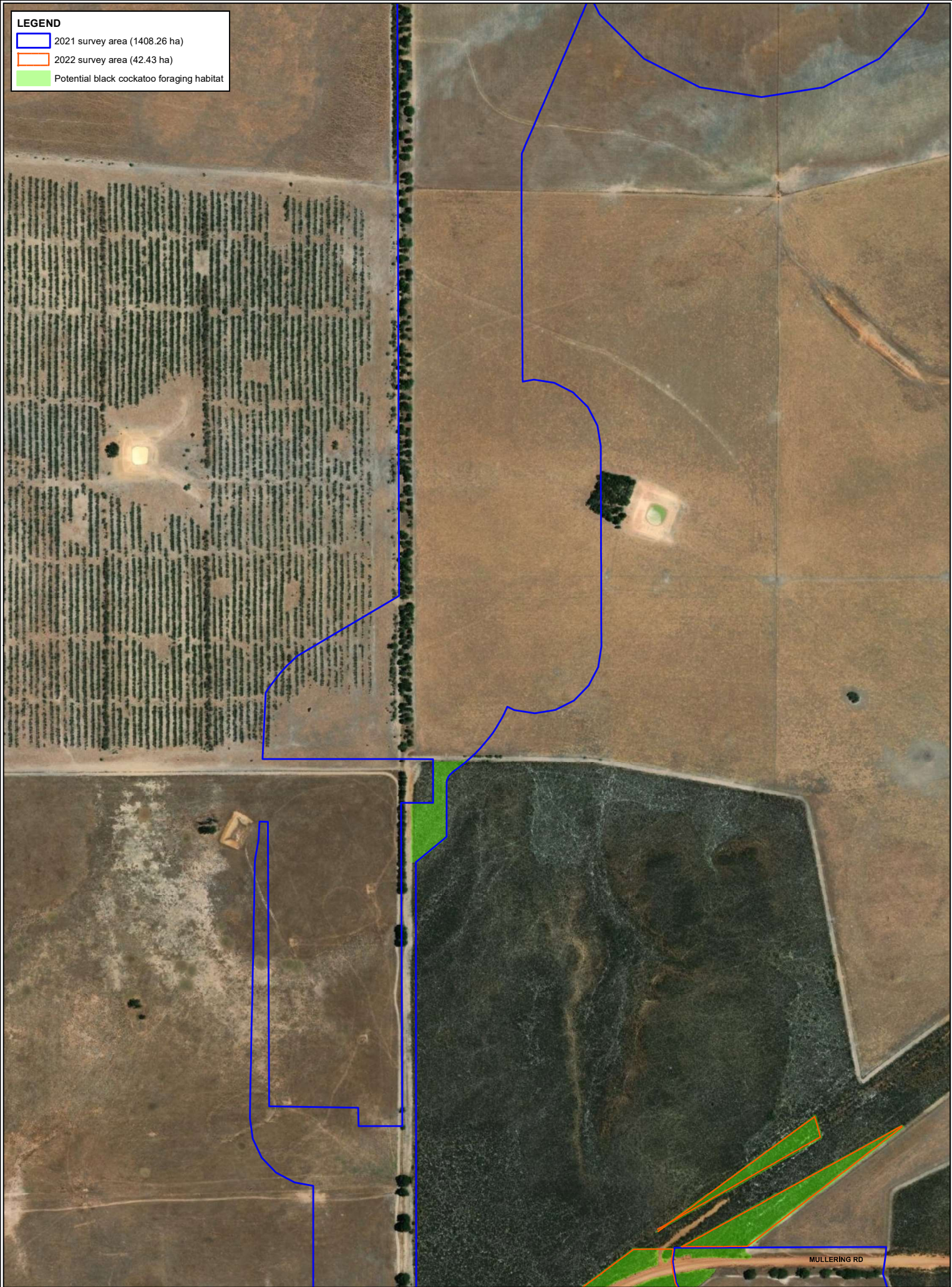


Job Number: EP1749-001 BC (L18167-005)  
 Date: 15.11.22  
 Scale: 1:5,000 @ A3  
 Created by: QS  
 Source: Esri World Imagery 2022

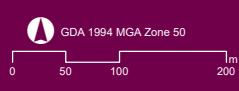


**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Potential black cockatoo foraging habitat



**Figure C**  
 Sheet 2 of 9  
 Potential black cockatoo foraging habitat



Job Number: EP1749-001 BC (L18167-005)  
 Date: 15.11.22  
 Scale: 1:5,000 @ A3  
 Created by: QS  
 Source: Esri World Imagery 2022

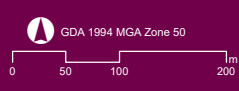


**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Potential black cockatoo foraging habitat





**Figure C**  
Sheet 3 of 9  
Potential black cockatoo foraging habitat



Job Number: EP1749-001 BC (L18167-005)  
Date: 15.11.22  
Scale: 1:5,000 @ A3  
Created by: QS  
Source: Esri World Imagery 2022

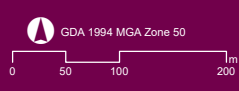


**LEGEND**

-  2021 survey area (1408.26 ha)
-  Potential black cockatoo foraging habitat





**Figure C**  
Sheet 4 of 9  
Potential black cockatoo foraging habitat

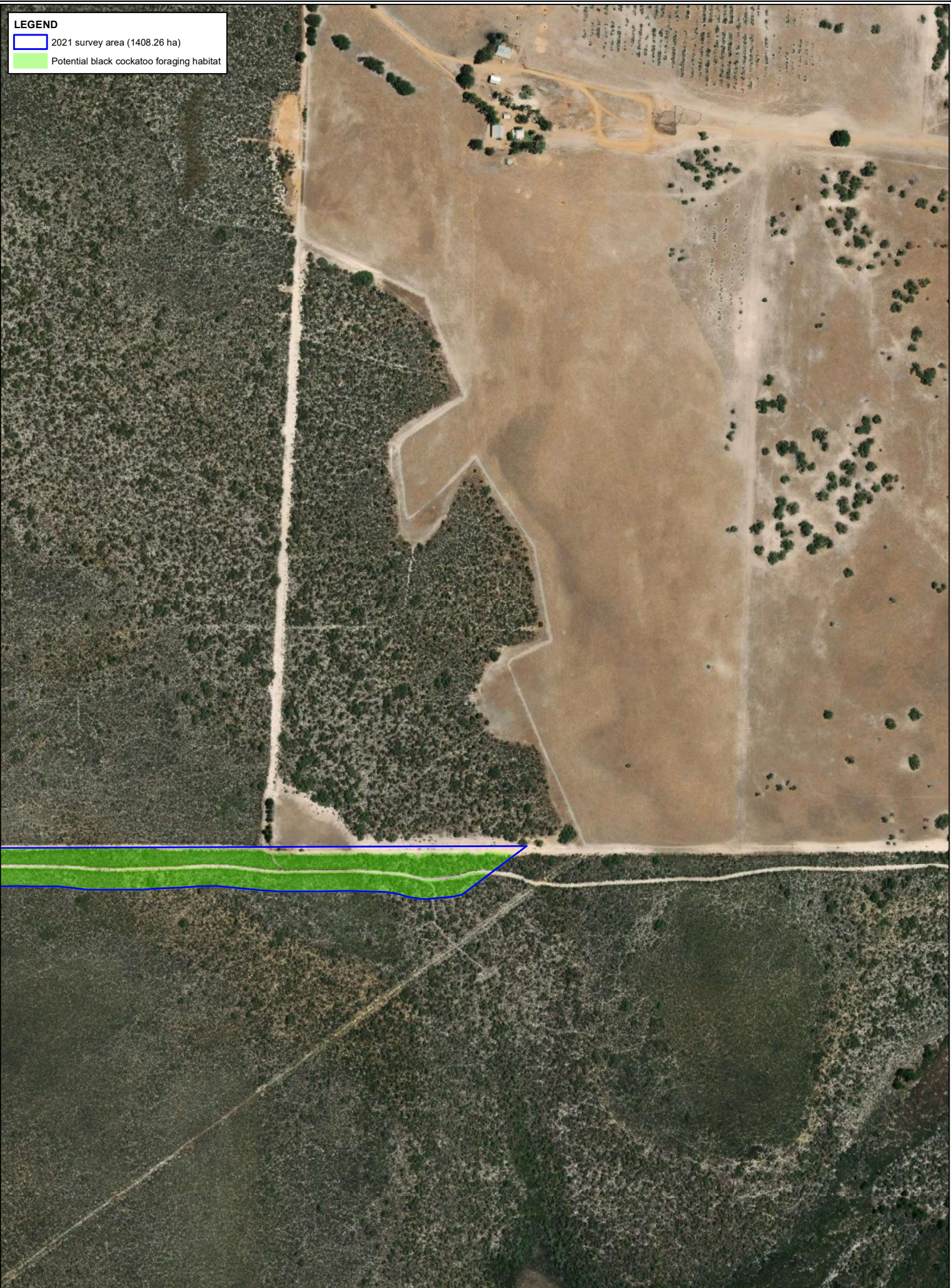


Job Number: EP1749-001 BC (L18167-005)  
Date: 15.11.22  
Scale: 1:5,000 @ A3  
Created by: QS  
Source: Esri World Imagery 2022




**LEGEND**

-  2021 survey area (1408.26 ha)
-  Potential black cockatoo foraging habitat



**Figure C**  
Sheet 5 of 9  
Potential black cockatoo foraging habitat

GDA 1994 MGA Zone 50



Job Number: EP1749-001 BC (L18167-005)  
Date: 15.11.22  
Scale: 1:5,000 @ A3  
Created by: OS  
Source: Esri World Imagery 2022

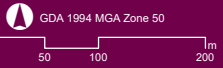




**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Potential black cockatoo foraging habitat

**Figure C**  
Sheet 6 of 9  
Potential black cockatoo foraging habitat

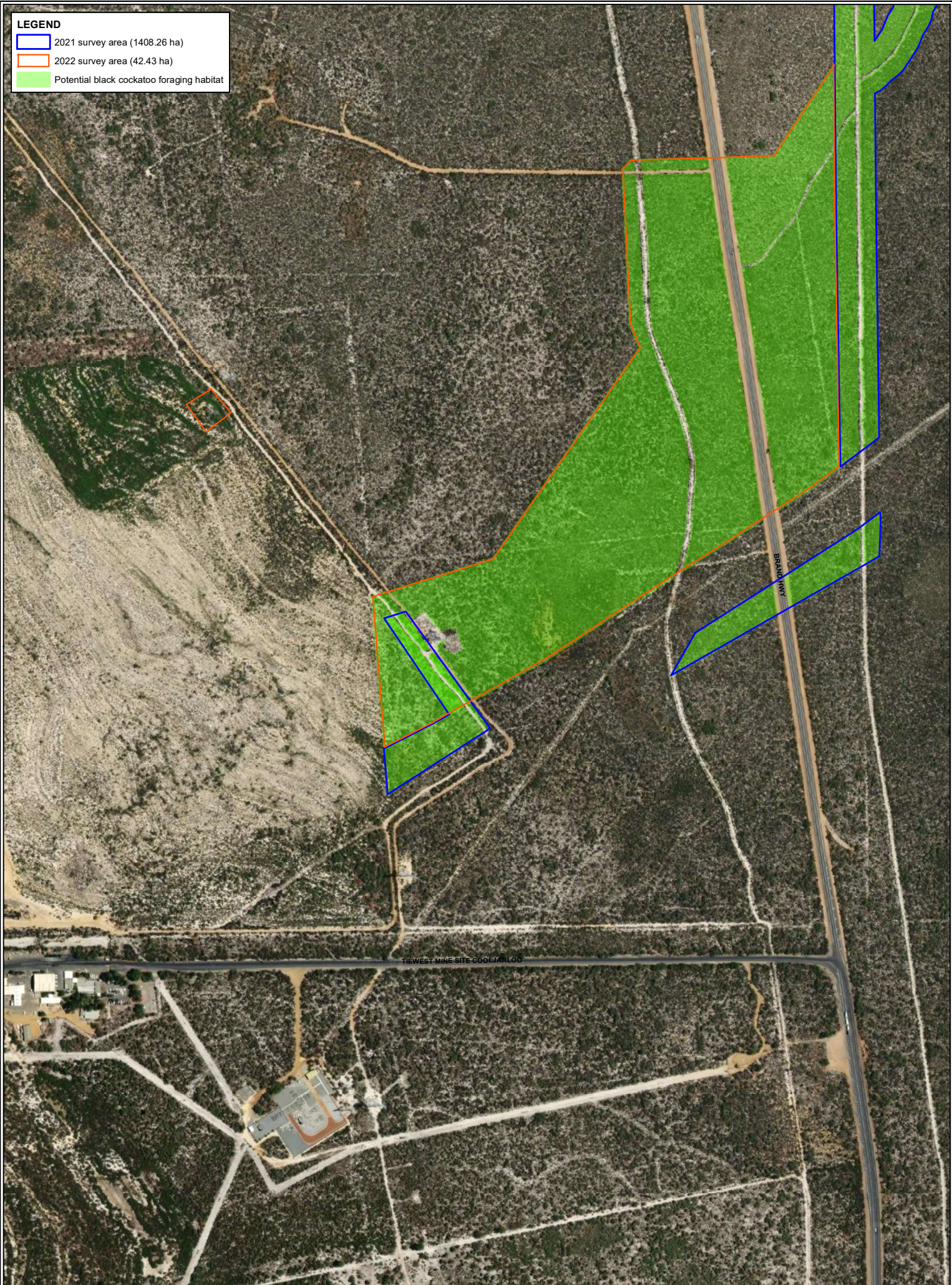


Job Number: EP1749-001 BC (L18167-005)  
Date: 15.11.22  
Scale: 1:5,000 @ A3  
Created by: QS  
Source: Esri World Imagery 2022

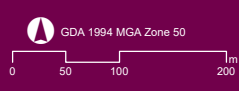


**LEGEND**

- 2021 survey area (1408.26 ha)
- 2022 survey area (42.43 ha)
- Potential black cockatoo foraging habitat



**Figure C**  
 Sheet 7 of 9  
 Potential black cockatoo foraging habitat





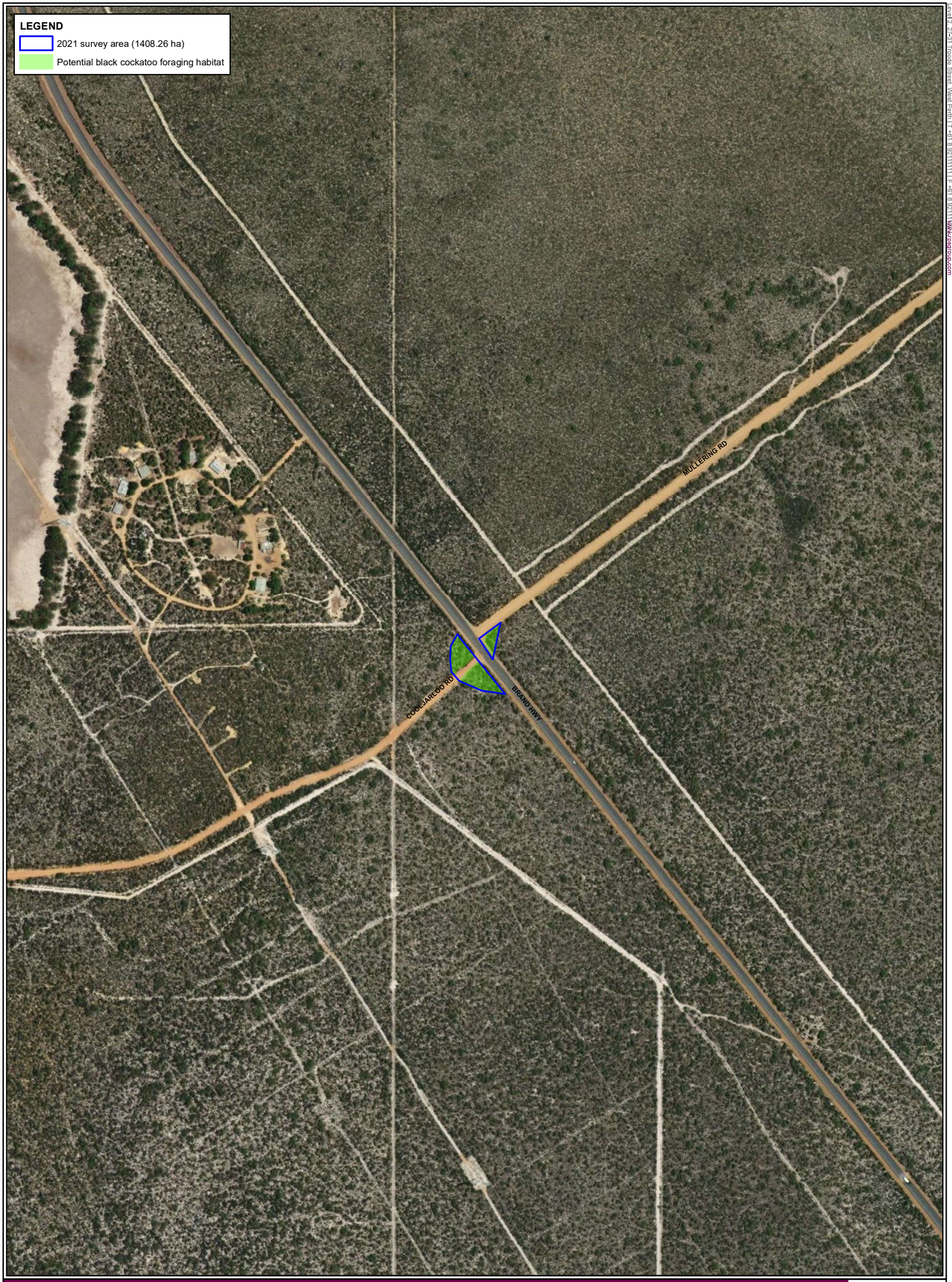
Job Number: EP1749-001 BC (L18167-005)  
 Date: 15.11.22  
 Scale: 1:5,000 @ A3  
 Created by: OS  
 Source: Esri World Imagery 2022






**LEGEND**

-  2021 survey area (1408.26 ha)
-  Potential black cockatoo foraging habitat



**Figure C**  
Sheet 8 of 9  
**Potential black cockatoo foraging habitat**

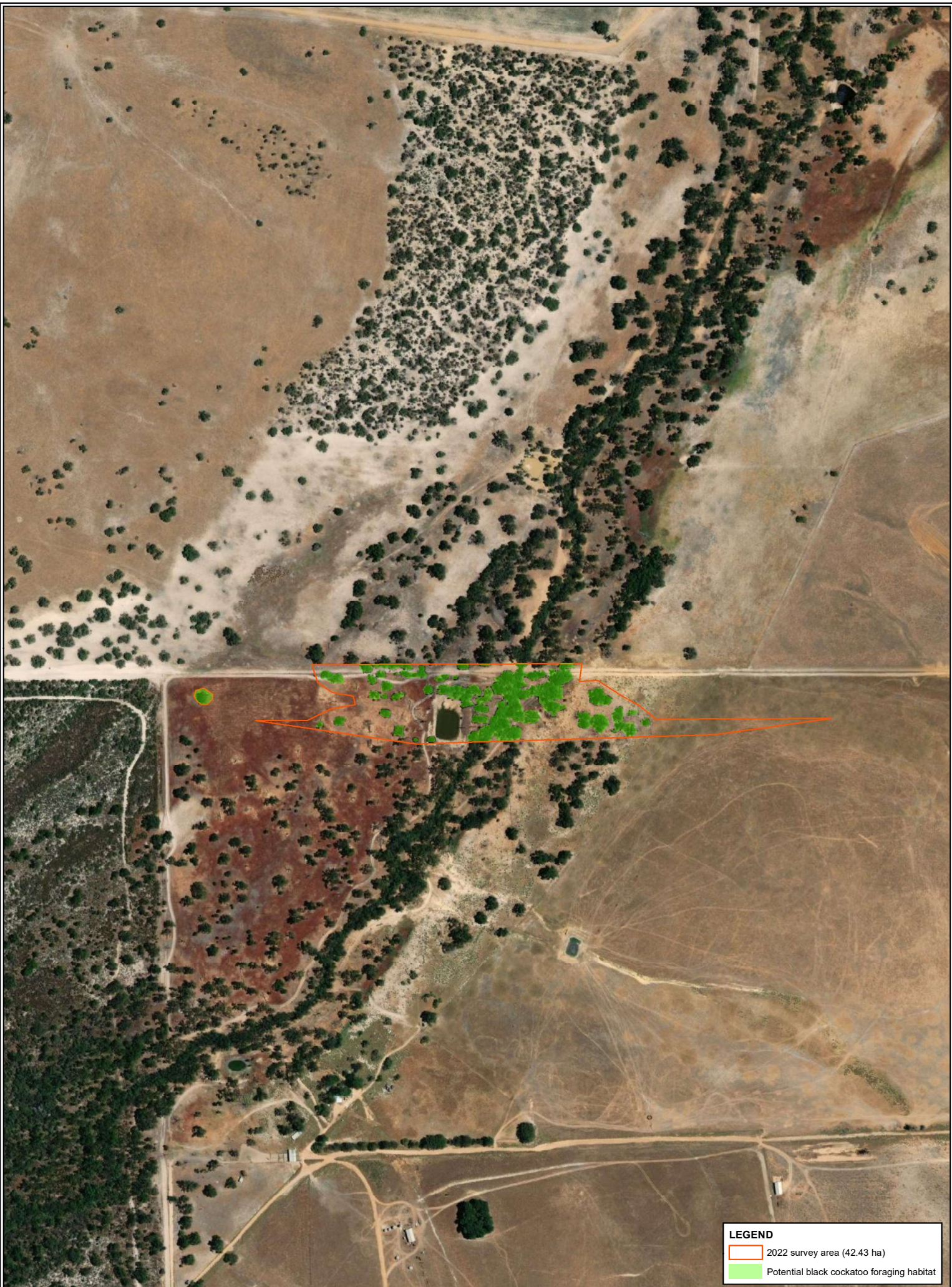
GDA 1994 MGA Zone 50



0 50 100 200 m

Job Number: EP1749-001 BC (L18167-005)  
Date: 15.11.22  
Scale: 1:5,000 @ A3  
Created by: QS  
Source: Esri World Imagery 2022





**LEGEND**

- 2022 survey area (42.43 ha)
- Potential black cockatoo foraging habitat

**Figure C**  
Sheet 9 of 9  
Potential black cockatoo foraging habitat

GDA 1994 MGA Zone 50

0 50 100 200 m

Job Number: EP1749-001 BC (L18167-005)  
Date: 15.11.22  
Scale: 1:5,000 @ A3  
Created by: QS  
Source: Esri World Imagery 2022



**Table 2. Record of significant trees (GDA 94; Zone 50)**

Tree #	Easting	Northing	Tall trees >8m (except Coastal Blackbutts that >6m)		
			Type	Height (~m)	DBH (cm)
1	360010	6618642	Native Eucalypt sp.	15	
2	359993	6618629	Planted tree	15	
3	360015	6618615	Planted tree	15	
4	360017	6618611	Planted tree	15	
5	360025	6618607	Planted tree	15	62
6	360049	6618595	Planted tree	18	
7	360085	6618580	Planted tree	17	
8	360124	6618571	Marri	17	62
9	360558	6617345	Planted tree	12	69
10	360550	6617340	Planted tree	12	61
11	360544	6617336	Planted tree	12	
12	359704	6617509	Native Eucalypt sp.	10	
13	359954	6616831	Planted tree	12	
14	359937	6616818	Planted tree	12	
15	359932	6616812	Planted tree	12	
16	359919	6616802	Planted tree	14	
17	359907	6616793	Planted tree	12	
18	359896	6616783	Planted tree	14	
19	359891	6616774	Planted tree	12	
20	359882	6616769	Planted tree	14	
21	359872	6616764	Planted tree	12	
22	359869	6616759	Planted tree	12	
23	359866	6616758	Planted tree	12	
24	359861	6616755	Planted tree	14	
25	359858	6616752	Planted tree	12	
26	359857	6616752	Planted tree	12	
27	359854	6616748	Planted tree	12	
28	359847	6616744	Planted tree	15	86
29	359840	6616737	Planted tree	12	
30	359835	6616733	Planted tree	12	
31	359833	6616733	Planted tree	13	62
32	359827	6616727	Planted tree	87	
33	359818	6616717	Planted tree	13	
34	359815	6616717	Planted tree	15	59
35	359811	6616713	Planted tree	12	
36	359802	6616705	Planted tree	12	
37	359797	6616702	Planted tree	12	
38	359785	6616695	Planted tree	13	
39	359784	6616693	Planted tree	14	51
40	359778	6616689	Planted tree	14	70
41	359769	6616677	Planted tree	14	
42	359761	6616674	Planted tree	14	
43	359760	6616672	Planted tree	14	
44	359752	6616668	Planted tree	12	
45	359737	6616653	Planted tree	12	
46	359734	6616650	Planted tree	13	71
47	359697	6616621	Planted tree	12	
48	359689	6616617	Planted tree	11	62
49	359688	6616615	Planted tree	10	
50	359675	6616602	Planted tree	11	
51	359669	6616599	Planted tree	11	55
52	359663	6616593	Planted tree	9	
53	359654	6616585	Planted tree	12	
54	359641	6616578	Planted tree	12	61
55	359641	6616574	Planted tree	12	
56	359630	6616563	Planted tree	11	53
57	359615	6616552	Planted tree	11	
58	359614	6616552	Planted tree	12	53
59	359586	6616528	Planted tree	10	
60	359576	6616518	Planted tree	14	58
61	359562	6616509	Planted tree	13	50
62	359562	6616509	Planted tree	13	
63	359544	6616490	Planted tree	10	50
64	359528	6616480	Planted tree	12	
65	359515	6616470	Planted tree	14	50
66	359509	6616466	Planted tree	12	
67	359466	6616426	Planted tree	15	67
68	359455	6616419	Planted tree	12	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
69	359448	6616415	Planted tree	12	
70	359449	6616413	Planted tree	12	
71	359448	6616413	Planted tree	12	
72	359440	6616405	Planted tree	12	
73	359424	6616392	Planted tree	14	60
74	359416	6616385	Planted tree	15	59
75	359407	6616378	Planted tree	12	65
76	359396	6616370	Planted tree	12	
77	359386	6616365	Planted tree	12	
78	359372	6616354	Planted tree	12	56
79	359365	6616347	Planted tree	15	50
80	359351	6616336	Planted tree	12	
81	359344	6616330	Planted tree	12	
82	359336	6616321	Planted tree	11	52
83	359316	6616307	Planted tree	10	
84	359313	6616304	Planted tree	10	53
85	359299	6616289	Planted tree	10	
86	359291	6616282	Planted tree	12	58
87	359282	6616277	Planted tree	9	
88	359278	6616271	Planted tree	8	
89	359272	6616266	Planted tree	11	
90	359264	6616259	Planted tree	11	
91	359252	6616249	Planted tree	11	
92	359244	6616242	Planted tree	11	
93	359236	6616235	Planted tree	12	66
94	359219	6616221	Planted tree	15	
95	359203	6616207	Planted tree	15	59
96	359194	6616200	Planted tree	14	
97	359189	6616195	Dead	14	64
98	359182	6616191	Planted tree	9	
99	359178	6616187	Planted tree	11	
100	359172	6616184	Planted tree	12	
101	359169	6616185	Planted tree	10	
102	359166	6616177	Planted tree	10	
103	359159	6616173	Planted tree	8	
104	359158	6616171	Planted tree	9	
105	359148	6616166	Planted tree	10	
106	359147	6616165	Planted tree	10	
107	359144	6616160	Planted tree	10	
108	359138	6616155	Planted tree	10	
109	359135	6616151	Planted tree	10	
110	359126	6616147	Planted tree	9	
111	359122	6616142	Planted tree	9	
112	359112	6616133	Planted tree	9	
113	359105	6616130	Planted tree	9	66
114	359617	6616015	Planted tree	10	52
115	359673	6616011	Planted tree	11	52
116	359682	6616009	Planted tree	14	
117	359673	6615995	Planted tree	14	
118	359693	6615993	Planted tree	14	
119	359702	6615990	Planted tree	15	
120	359725	6615989	Planted tree	20	68
121	359100	6613880	Pine tree	18	
122	359097	6613871	Pine tree	18	
123	359098	6613860	Pine tree	18	
124	359097	6613852	Pine tree	18	
125	359096	6613838	Pine tree	18	
126	359096	6613830	Pine tree	18	
127	359095	6613820	Pine tree	18	
128	359097	6613810	Pine tree	18	
129	359098	6613802	Pine tree	18	
130	359097	6613794	Pine tree	18	
131	359096	6613785	Pine tree	18	
132	359096	6613776	Pine tree	18	
133	359098	6613765	Pine tree	18	
134	359097	6613755	Pine tree	18	
135	359097	6613745	Pine tree	18	
136	359099	6613728	Pine tree	18	
137	359095	6613698	Pine tree	18	
138	359092	6613687	Pine tree	18	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
139	359092	6613687	Pine tree	18	
140	359093	6613695	Pine tree	18	
141	359093	6613695	Pine tree	18	
142	359092	6613698	Pine tree	18	
143	359091	6613700	Pine tree	18	
144	359091	6613704	Pine tree	18	
145	359092	6613712	Pine tree	18	
146	359092	6613712	Pine tree	18	
147	359095	6613715	Pine tree	18	
148	359093	6613719	Pine tree	18	
149	359091	6613721	Pine tree	18	
150	359092	6613726	Pine tree	18	
151	359092	6613725	Pine tree	18	
152	359092	6613735	Pine tree	18	
153	359092	6613739	Pine tree	18	
154	359092	6613741	Pine tree	18	
155	359092	6613764	Pine tree	18	
156	359092	6613771	Pine tree	18	
157	359090	6613772	Pine tree	18	
158	359090	6613773	Pine tree	18	
159	359089	6613779	Pine tree	18	
160	359089	6613779	Pine tree	18	
161	359091	6613786	Pine tree	18	
162	359092	6613792	Pine tree	18	
163	359091	6613793	Pine tree	18	
164	359092	6613795	Pine tree	18	
165	359092	6613802	Pine tree	18	
166	359093	6613805	Pine tree	18	
167	359092	6613806	Pine tree	18	
168	359092	6613807	Pine tree	18	
169	359092	6613830	Pine tree	18	
170	359091	6613840	Pine tree	18	
171	359092	6613864	Pine tree	18	
172	359091	6613872	Pine tree	18	
173	359090	6613884	Pine tree	18	
174	359093	6613889	Pine tree	18	
175	359092	6613894	Pine tree	18	
176	359093	6613897	Pine tree	18	
177	359092	6613898	Pine tree	18	
178	359091	6613907	Pine tree	18	
179	359105	6612371	Pine tree	18	
180	359103	6612369	Pine tree	18	
181	359101	6612366	Pine tree	18	
182	359103	6612354	Pine tree	18	
183	359101	6612343	Pine tree	18	
184	359101	6612339	Pine tree	18	
185	359101	6612336	Pine tree	18	
186	359101	6612333	Pine tree	18	
187	359101	6612331	Pine tree	18	
188	359101	6612329	Pine tree	18	
189	359101	6612325	Pine tree	18	
190	359102	6612324	Pine tree	18	
191	359102	6612318	Pine tree	18	
192	359102	6612315	Pine tree	18	
193	359102	6612312	Pine tree	18	
194	359101	6612307	Pine tree	18	
195	359102	6612297	Pine tree	18	
196	359102	6612294	Pine tree	18	
197	359103	6612287	Pine tree	18	
198	359102	6612283	Pine tree	18	
199	359102	6612266	Pine tree	18	
200	358962	6613847	Planted tree	15	83
201	358964	6613855	Planted tree	15	
202	358961	6613893	Planted tree	15	93
203	358963	6613915	Planted tree	15	
204	358965	6613923	Planted tree	15	
205	358707	6614389	Planted tree	15	91
206	358704	6614383	Planted tree	12	57
207	358705	6614377	Planted tree	7	
208	358698	6614367	Planted tree	14	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
209	358699	6614353	Planted tree	15	
210	358691	6614336	Planted tree	15	
211	358688	6614333	Planted tree	14	
212	358676	6614320	Planted tree	8	
213	358664	6614310	Planted tree	14	
214	358655	6614302	Planted tree	14	
215	358655	6614301	Planted tree	14	
216	358653	6614300	Planted tree	14	
217	358638	6614283	Planted tree	14	
218	358629	6614274	Planted tree	14	
219	358607	6614264	Planted tree	14	
220	358607	6614263	Planted tree	14	
221	358599	6614260	Planted tree	14	
222	358590	6614258	Planted tree	14	
223	358588	6614257	Planted tree	14	
224	358586	6614257	Planted tree	14	
225	358567	6614260	Planted tree	14	
226	358555	6614263	Planted tree	14	
227	358552	6614261	Planted tree	11	
228	358547	6614264	Planted tree	14	
229	358541	6614267	Planted tree	14	
230	358535	6614267	Planted tree	14	
231	358525	6614271	Planted tree	14	
232	358514	6614272	Planted tree	14	
233	358510	6614282	Planted tree	7	
234	358507	6614287	Planted tree	14	
235	358507	6614295	Planted tree	14	
236	358506	6614298	Planted tree	14	
237	358507	6614300	Planted tree	14	
238	358505	6614306	Planted tree	14	
239	358501	6614317	Planted tree	14	
240	358497	6614322	Planted tree	15	84
241	358433	6613828	Planted tree	14	
242	358406	6613835	Planted tree	15	
243	358405	6613836	Planted tree	14	
244	358405	6613836	Planted tree	14	
245	358401	6613838	Planted tree	14	
246	358386	6613839	Planted tree	14	
247	358381	6613840	Planted tree	14	
248	358375	6613842	Planted tree	14	
249	358373	6613843	Planted tree	14	
250	358372	6613842	Planted tree	16	60
251	358362	6613844	Planted tree	14	
252	358355	6613845	Planted tree	14	
253	358349	6613848	Planted tree	7	
254	358348	6613848	Planted tree	15	59
255	358347	6613848	Planted tree	15	
256	358346	6613848	Planted tree	15	54
257	358338	6613849	Planted tree	15	76
258	358339	6613849	Planted tree	15	51
259	358336	6613849	Planted tree	13	64
260	358311	6613852	Planted tree		
261	358311	6613852	Planted tree		
262	358311	6613852	Planted tree		
263	358311	6613852	Planted tree		
264	358311	6613852	Planted tree		
265	358311	6613852	Planted tree		
266	358311	6613852	Planted tree	16	52
267	358304	6613853	Planted tree	16	82
268	358281	6613857	Planted tree	15	68
269	358220	6613869	Planted tree	14	
270	358219	6613871	Planted tree	14	
271	358208	6613874	Planted tree	16	
272	358141	6613893	Planted tree	15	53
273	358074	6613905	Planted tree	15	
274	358318	6613805	Planted tree	8	
275	358317	6613801	Planted tree	14	75
276	358318	6613794	Planted tree	16	57
277	358319	6613788	Planted tree	15	
278	358320	6613784	Planted tree	15	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
279	358591	6612841	Planted tree	15	
280	358592	6612837	Planted tree	16	
281	358591	6612832	Planted tree	16	
282	358582	6612822	Planted tree	16	
283	358573	6612824	Planted tree	16	
284	358562	6612820	Planted tree	17	
285	358557	6612819	Planted tree	16	
286	358550	6612819	Planted tree	16	
287	358513	6612801	Planted tree	16	
288	358513	6612796	Planted tree	16	
289	358514	6612795	Planted tree	16	
290	358515	6612782	Planted tree	16	
291	358515	6612782	Planted tree	16	
292	358519	6612770	Planted tree	16	
293	358517	6612766	Planted tree	16	
294	358517	6612762	Planted tree	16	
295	358518	6612748	Planted tree	16	
296	358518	6612747	Planted tree	16	
297	358519	6612742	Planted tree	16	
298	358519	6612738	Planted tree	16	
299	358516	6612730	Planted tree	16	
300	358516	6612729	Planted tree	16	
301	358516	6612724	Planted tree	16	
302	358514	6612708	Planted tree	16	
303	358514	6612707	Planted tree	16	
304	358513	6612708	Planted tree	16	
305	358512	6612701	Planted tree	16	
306	358511	6612690	Planted tree	16	
307	358511	6612689	Planted tree	16	
308	358511	6612687	Planted tree	16	
309	358511	6612685	Planted tree	16	
310	358509	6612680	Planted tree	12	
311	358508	6612676	Planted tree	16	
312	358510	6612673	Planted tree	16	
313	358510	6612668	Planted tree	16	
314	358509	6612667	Planted tree	16	
315	358510	6612661	Planted tree	16	
316	358509	6612659	Planted tree	16	
317	358511	6612652	Planted tree	16	
318	358512	6612649	Planted tree	16	
319	358514	6612647	Planted tree	16	
320	358516	6612643	Planted tree	16	
321	358514	6612638	Planted tree	12	
322	358513	6612634	Planted tree	16	
323	358513	6612634	Planted tree	16	
324	358515	6612630	Planted tree	16	
325	358517	6612615	Planted tree	16	
326	358516	6612609	Planted tree	16	
327	358517	6612607	Planted tree	16	
328	358518	6612605	Planted tree	16	
329	358519	6612602	Planted tree	16	
330	358518	6612599	Planted tree	16	
331	358518	6612598	Planted tree	16	
332	358520	6612596	Planted tree	9	
333	358520	6612589	Planted tree	16	
334	358519	6612577	Planted tree	16	
335	358521	6612574	Planted tree	16	
336	358520	6612572	Planted tree	12	
337	358520	6612566	Planted tree	16	
338	358519	6612565	Planted tree	16	
339	358523	6612554	Planted tree	16	
340	358525	6612551	Planted tree	16	
341	358522	6612537	Planted tree	16	
342	358523	6612525	Planted tree	16	
343	358525	6612519	Planted tree	16	
344	358526	6612514	Planted tree	16	
345	358526	6612513	Planted tree	16	
346	358526	6612511	Planted tree	16	
347	358526	6612509	Planted tree	16	
348	358526	6612509	Planted tree	16	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
349	358526	6612508	Planted tree	16	
350	358526	6612507	Planted tree	16	
351	358527	6612499	Planted tree	16	
352	358527	6612499	Planted tree	16	
353	358526	6612498	Planted tree	16	
354	358528	6612495	Planted tree	16	
355	358528	6612494	Planted tree	16	
356	358530	6612487	Planted tree	16	
357	358531	6612478	Planted tree	16	
358	358531	6612476	Planted tree	16	
359	358274	6612564	Planted tree	16	
360	358272	6612568	Planted tree	16	
361	358272	6612571	Planted tree	20	
362	358272	6612584	Planted tree	19	54
363	358272	6612590	Planted tree	17	
364	358272	6612596	Planted tree	17	
365	358274	6612608	Planted tree	17	
366	358274	6612617	Planted tree	17	
367	358273	6612618	Planted tree	17	
368	358273	6612619	Planted tree	17	
369	358273	6612620	Planted tree	17	
370	358277	6612626	Planted tree	17	
371	358276	6612632	Planted tree	17	
372	358276	6612634	Planted tree	17	
373	358277	6612634	Planted tree	17	
374	358275	6612636	Planted tree	17	
375	358273	6612644	Planted tree	17	
376	358273	6612645	Planted tree	17	
377	358275	6612649	Planted tree	17	
378	358275	6612653	Planted tree	17	
379	358277	6612655	Planted tree	17	
380	358277	6612659	Planted tree	17	
381	358277	6612660	Planted tree	17	
382	358279	6612667	Planted tree	17	
383	358280	6612672	Planted tree	17	
384	358282	6612676	Planted tree	17	
385	358281	6612680	Planted tree	17	
386	358282	6612687	Planted tree	17	
387	358283	6612690	Planted tree	17	
388	358284	6612698	Planted tree	17	
389	358289	6612701	Planted tree	17	
390	358287	6612704	Planted tree	17	
391	358288	6612708	Planted tree	17	
392	358289	6612709	Planted tree	17	
393	358291	6612713	Planted tree	17	
394	358290	6612714	Planted tree	17	
395	358289	6612714	Planted tree	17	
396	358289	6612719	Planted tree	17	
397	358290	6612724	Planted tree	15	
398	358291	6612729	Planted tree	16	
399	358290	6612730	Planted tree	16	
400	358288	6612734	Planted tree	16	
401	358291	6612736	Planted tree	16	
402	358291	6612741	Planted tree	16	
403	358293	6612742	Planted tree	16	
404	358292	6612746	Planted tree	16	
405	358292	6612747	Planted tree	15	
406	358292	6612744	Planted tree	16	
407	358292	6612748	Planted tree	16	
408	358292	6612750	Planted tree	16	
409	358292	6612751	Planted tree	16	
410	358292	6612754	Planted tree	16	
411	358291	6612760	Planted tree	16	
412	358293	6612761	Planted tree	16	
413	358293	6612763	Planted tree	16	
414	358292	6612763	Planted tree	16	
415	358292	6612764	Planted tree	16	
416	358293	6612766	Planted tree	16	
417	358294	6612769	Planted tree	16	
418	358296	6612775	Planted tree	16	



			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
419	358296	6612776	Planted tree	16	
420	358296	6612777	Planted tree	16	
421	358296	6612779	Planted tree	16	
422	358298	6612785	Planted tree	16	
423	358313	6612832	Planted tree	19	69
424	358316	6612842	Planted tree	16	
425	358317	6612849	Planted tree	16	
426	358318	6612852	Planted tree	16	
427	358320	6612859	Planted tree	16	
428	358323	6612865	Planted tree	16	
429	358322	6612868	Planted tree	16	
430	358321	6612873	Planted tree	16	
431	358322	6612872	Planted tree	16	
432	358323	6612875	Planted tree	16	
433	358322	6612877	Planted tree	16	
434	358321	6612882	Planted tree	16	
435	358321	6612886	Planted tree	18	58
436	358321	6612896	Planted tree	12	
437	358323	6612901	Planted tree	20	
438	358323	6612905	Planted tree	17	
439	358325	6612910	Planted tree	17	
440	358325	6612912	Planted tree	17	
441	358323	6612916	Planted tree	17	
442	358326	6612920	Planted tree	17	
443	358329	6612933	Planted tree	17	
444	358327	6612938	Planted tree	17	
445	358329	6612943	Planted tree	17	50
446	358330	6612944	Planted tree	16	
447	359823	6609611	Planted tree	16	
448	359805	6609608	Planted tree	16	
449	359811	6609609	Planted tree	16	
450	359793	6609608	Planted tree	16	
451	359782	6609608	Planted tree	16	
452	359771	6609609	Planted tree	16	
453	359748	6609609	Planted tree	16	
454	359716	6609608	Planted tree	19	54
455	359682	6609608	Planted tree	18	63
456	359671	6609609	Planted tree	17	
457	359638	6609606	Planted tree	18	65
458	359121	6610414	Planted tree	10	
459	359120	6610420	Planted tree	10	
460	359121	6610421	Planted tree	10	
461	359120	6610435	Planted tree	10	
462	359122	6610438	Planted tree	10	
463	359118	6610439	Planted tree	10	
464	359114	6610439	Planted tree	10	
465	359113	6610442	Planted tree	10	
466	359114	6610445	Planted tree	10	
467	359117	6610452	Planted tree	10	
468	359115	6610459	Planted tree	11	
469	359114	6610461	Planted tree	10	
470	359118	6610472	Planted tree	10	
471	359121	6610482	Planted tree	10	
472	359118	6610488	Planted tree	10	
473	359118	6610496	Planted tree	10	
474	359115	6610513	Planted tree	10	
475	359120	6610516	Planted tree	10	
476	359118	6610525	Planted tree	10	
477	359114	6610525	Planted tree	14	
478	359113	6610527	Planted tree	9	
479	359116	6610529	Planted tree	9	
480	359115	6610535	Planted tree	9	
481	359111	6610536	Planted tree	9	
482	359112	6610541	Planted tree	9	
483	359117	6610547	Planted tree	9	
484	359113	6610555	Planted tree	9	
485	359118	6610559	Planted tree	9	
486	359123	6610564	Planted tree	9	
487	359111	6610565	Planted tree	9	
488	359114	6610568	Planted tree	9	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
489	359112	6610571	Planted tree	9	
490	359117	6610574	Planted tree	9	
491	359119	6610578	Planted tree	9	
492	359114	6610583	Planted tree	10	
493	359119	6610588	Planted tree	10	
494	359118	6610591	Planted tree	10	
495	359121	6610596	Planted tree	9	
496	359111	6610599	Planted tree	9	
497	359110	6610600	Planted tree	9	
498	359118	6610606	Planted tree	9	
499	359118	6610610	Planted tree	9	
500	359116	6610622	Planted tree	9	
501	359113	6610629	Planted tree	9	
502	359120	6610631	Planted tree	9	
503	359120	6610632	Planted tree	9	
504	359120	6610635	Planted tree	9	
505	359117	6610637	Planted tree	12	
506	359113	6610642	Planted tree	8	
507	359119	6610648	Planted tree	9	
508	359117	6610650	Planted tree	9	
509	359116	6610655	Planted tree	9	
510	359117	6610660	Planted tree	9	
511	359118	6610666	Planted tree	9	
512	359115	6610669	Planted tree	11	
513	359114	6610667	Planted tree	9	
514	359117	6610675	Planted tree	10	
515	359120	6610680	Planted tree	10	
516	359116	6610681	Planted tree	10	
517	359118	6610685	Planted tree	12	
518	359119	6610691	Planted tree	12	
519	359119	6610695	Planted tree	7	
520	359119	6610701	Planted tree	9	
521	359120	6610705	Planted tree	9	
522	359116	6610714	Planted tree	11	
523	359120	6610750	Planted tree	7	
524	359113	6610757	Planted tree	9	
525	359122	6610764	Planted tree	9	
526	359120	6610776	Planted tree	9	
527	359120	6610781	Planted tree	9	
528	359119	6610784	Planted tree	9	
529	359118	6610797	Planted tree	9	
530	359114	6610809	Planted tree	9	
531	359116	6610813	Planted tree	9	
532	359118	6610816	Planted tree	9	
533	359113	6610824	Planted tree	9	
534	359116	6610826	Planted tree	9	
535	359112	6610839	Planted tree	9	
536	359117	6610838	Planted tree	9	
537	359120	6610839	Planted tree	9	
538	359120	6610850	Planted tree	9	
539	359114	6610856	Planted tree	9	
540	359112	6610868	Planted tree	9	
541	359116	6610868	Planted tree	9	
542	359119	6610874	Planted tree	9	
543	359112	6610877	Planted tree	9	
544	359119	6610889	Planted tree	9	
545	359122	6610906	Planted tree	14	
546	359117	6610909	Planted tree	9	
547	359120	6610920	Planted tree	9	
548	359116	6610921	Planted tree	9	
549	359111	6610937	Planted tree	9	
550	359116	6610938	Planted tree	9	
551	359120	6610943	Planted tree	9	
552	359118	6610942	Planted tree	9	
553	359115	6610942	Planted tree	9	
554	359112	6610948	Planted tree	9	
555	359110	6610966	Planted tree	9	
556	359121	6610969	Planted tree	9	
557	359115	6610976	Planted tree	9	
558	359120	6610984	Planted tree	9	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
559	359113	6610988	Planted tree	9	
560	359112	6610990	Planted tree	9	
561	359112	6610994	Planted tree	9	
562	359117	6611014	Planted tree	9	
563	359121	6611023	Planted tree	9	
564	359112	6611029	Planted tree	9	
565	359117	6611032	Planted tree	14	
566	359115	6611047	Planted tree	14	
567	359113	6611053	Planted tree	14	
568	359113	6611060	Planted tree	14	
569	359116	6611066	Planted tree	16	55
570	359118	6611082	Planted tree	11	
571	359114	6611084	Planted tree	8	
572	359118	6611089	Planted tree	8	
573	359113	6611090	Planted tree	8	
574	359120	6611100	Planted tree	8	
575	359121	6611102	Planted tree	8	
576	359121	6611107	Planted tree	8	
577	359113	6611118	Planted tree	10	
578	359116	6611132	Planted tree	10	
579	359114	6611131	Planted tree	10	
580	359118	6611142	Planted tree	10	
581	359114	6611145	Planted tree	10	
582	359114	6611149	Planted tree	10	
583	359120	6611152	Planted tree	10	
584	359116	6611155	Planted tree	9	
585	359120	6611187	Planted tree	9	
586	359119	6611188	Planted tree	9	
587	359117	6611193	Planted tree	9	
588	359112	6611193	Planted tree	9	
589	359117	6611197	Planted tree	9	
590	359117	6611202	Planted tree	9	
591	359114	6611211	Planted tree	9	
592	359112	6611228	Planted tree	9	
593	359118	6611232	Planted tree	9	
594	359117	6611246	Planted tree	9	
595	359115	6611253	Planted tree	13	58
596	359115	6611284	Planted tree	11	
597	359111	6611286	Planted tree	11	
598	359116	6611294	Planted tree	11	
599	359119	6611296	Planted tree	11	
600	359121	6611306	Planted tree	13	59
601	359111	6611313	Planted tree	9	
602	359112	6611315	Planted tree	9	
603	359116	6611319	Planted tree	9	
604	359119	6611348	Planted tree	9	
605	359119	6611352	Planted tree	9	
606	359116	6611362	Planted tree	9	
607	359116	6611374	Planted tree	9	71
608	359110	6611388	Planted tree	10	
609	359116	6611391	Planted tree	10	
610	359118	6611399	Planted tree	10	
611	359115	6611401	Planted tree	10	
612	359119	6611405	Planted tree	10	
613	359119	6611411	Planted tree	10	
614	359118	6611414	Planted tree	10	
615	359119	6611416	Planted tree	10	
616	359118	6611421	Planted tree	10	
617	359119	6611422	Planted tree	10	
618	359111	6611427	Planted tree	10	
619	359111	6611439	Planted tree	10	
620	359116	6611440	Planted tree	10	
621	359116	6611449	Planted tree	10	
622	359116	6611456	Planted tree	10	
623	359116	6611456	Planted tree	10	
624	359111	6611469	Planted tree	10	
625	359118	6611473	Planted tree	10	
626	359114	6611477	Planted tree	10	
627	359113	6611480	Planted tree	10	
628	359119	6611486	Planted tree	10	

Tree #	Easting	Northing	Tall trees >8m (except Coastal Blackbutts that >6m)		
			Type	Height (~m)	DBH (cm)
629	359110	6611493	Planted tree	10	
630	359117	6611493	Planted tree	10	
631	359117	6611495	Planted tree	10	
632	359115	6611502	Planted tree	10	
633	359114	6611502	Planted tree	10	
634	359119	6611527	Planted tree	10	
635	359119	6611532	Planted tree	10	
636	359112	6611534	Planted tree	10	
637	359112	6611534	Planted tree	10	
638	359109	6611555	Planted tree	10	
639	359115	6611558	Planted tree	10	
640	359116	6611560	Planted tree	10	
641	359115	6611565	Planted tree	10	
642	359110	6611572	Planted tree	10	
643	359113	6611576	Planted tree	10	
644	359114	6611576	Planted tree	10	
645	359116	6611581	Planted tree	10	
646	359114	6611582	Planted tree	10	
647	359109	6611587	Planted tree	10	
648	359110	6611591	Coastal Blackbutt	10	
649	359114	6611591	Coastal Blackbutt	10	
650	359113	6611594	Coastal Blackbutt	10	
651	359114	6611596	Coastal Blackbutt	10	
652	359115	6611608	Coastal Blackbutt	10	
653	359114	6611613	Coastal Blackbutt	10	
654	359118	6611618	Coastal Blackbutt	10	
655	359118	6611623	Coastal Blackbutt	10	
656	359118	6611629	Coastal Blackbutt	10	
657	359116	6611637	Coastal Blackbutt	10	
658	359114	6611653	Coastal Blackbutt	10	
659	359113	6611656	Coastal Blackbutt	10	
660	359112	6611661	Coastal Blackbutt	10	
661	359113	6611667	Coastal Blackbutt	10	
662	359108	6611692	Coastal Blackbutt	10	
663	359116	6611719	Coastal Blackbutt	10	
664	359117	6611724	Coastal Blackbutt	10	
665	359117	6611725	Coastal Blackbutt	10	
666	359113	6611725	Coastal Blackbutt	10	
667	359113	6611730	Coastal Blackbutt	10	
668	359114	6611737	Coastal Blackbutt	10	
669	359112	6611739	Coastal Blackbutt	10	
670	359115	6611748	Coastal Blackbutt	10	
671	359118	6611760	Coastal Blackbutt	10	
672	359118	6611774	Coastal Blackbutt	10	
673	359117	6611787	Coastal Blackbutt	10	
674	359112	6611799	Coastal Blackbutt	10	
675	359112	6611806	Coastal Blackbutt	10	
676	359112	6611821	Coastal Blackbutt	15	
677	359113	6611844	Coastal Blackbutt	15	
678	359111	6611845	Coastal Blackbutt	15	
679	359112	6611849	Coastal Blackbutt	14	
680	359114	6611878	Coastal Blackbutt	11	
681	359112	6611879	Coastal Blackbutt	12	
682	359117	6611899	Coastal Blackbutt	10	
683	359108	6611907	Coastal Blackbutt	10	
684	359115	6611941	Coastal Blackbutt	10	
685	359108	6611953	Coastal Blackbutt	10	
686	359114	6612007	Coastal Blackbutt	10	
687	359112	6612015	Coastal Blackbutt	10	
688	359113	6612027	Coastal Blackbutt	10	
689	359111	6612041	Coastal Blackbutt	10	
690	359112	6612048	Coastal Blackbutt	10	
691	359111	6612063	Coastal Blackbutt	10	
692	359108	6612068	Coastal Blackbutt	10	
693	359113	6612084	Coastal Blackbutt	10	
694	359113	6612084	Coastal Blackbutt	10	
695	359117	6612093	Coastal Blackbutt	10	
696	359112	6612100	Coastal Blackbutt	10	
697	359114	6612110	Coastal Blackbutt	10	
698	359114	6612115	Coastal Blackbutt	10	

Tree #	Easting	Northing	Tall trees >8m (except Coastal Blackbutts that >6m)		
			Type	Height (~m)	DBH (cm)
699	359114	6612120	Coastal Blackbutt	10	
700	359113	6612126	Coastal Blackbutt	10	
701	359114	6612134	Coastal Blackbutt	10	
702	359113	6612136	Coastal Blackbutt	13	
703	359115	6612154	Coastal Blackbutt	13	
704	359113	6612163	Coastal Blackbutt	10	
705	359108	6612154	Coastal Blackbutt	10	
706	359410	6610801	Coastal Blackbutt	12	
707	359408	6610800	Coastal Blackbutt	12	
708	359408	6610795	Coastal Blackbutt	12	
709	359405	6610790	Coastal Blackbutt	12	
710	359406	6610789	Coastal Blackbutt	12	
711	359405	6610785	Coastal Blackbutt	12	
712	359404	6610785	Coastal Blackbutt	12	
713	359403	6610783	Coastal Blackbutt	12	
714	359400	6610777	Planted tree	9	
715	359398	6610774	Planted tree	9	
716	359397	6610770	Planted tree	9	
717	359396	6610767	Planted tree	9	
718	359399	6610763	Planted tree	9	
719	359400	6610759	Planted tree	9	
720	359401	6610758	Planted tree	9	
721	359402	6610756	Planted tree	9	
722	359404	6610753	Planted tree	9	
723	359408	6610753	Planted tree	9	
724	359712	6608188	Planted tree	9	
725	359712	6608190	Planted tree	9	
726	359713	6608190	Planted tree	9	
727	359715	6608192	Planted tree	9	
728	359716	6608193	Planted tree	9	
729	359722	6608194	Planted tree	9	
730	359723	6608195	Planted tree	9	
731	359725	6608196	Planted tree	9	
732	359727	6608196	Planted tree	9	
733	359727	6608195	Planted tree	9	
734	359731	6608195	Planted tree	9	
735	359726	6608193	Planted tree	9	
736	359716	6608192	Planted tree	9	
737	359713	6608191	Planted tree	9	
738	359711	6608189	Planted tree	9	
739	359715	6608190	Planted tree	9	
740	359717	6608189	Planted tree	9	
741	359722	6608190	Planted tree	9	
742	359723	6608190	Planted tree	9	
743	359728	6608190	Planted tree	9	
744	359731	6608186	Planted tree	9	
745	359713	6608183	Planted tree	9	
746	359716	6608178	Planted tree	9	
747	359720	6608177	Planted tree	9	
748	359764	6608161	Planted tree	9	
749	359766	6608158	Planted tree	9	
750	359765	6608151	Planted tree	9	
751	359769	6608135	Planted tree	9	
752	359770	6608131	Planted tree	9	
753	359773	6608131	Planted tree	9	
754	359774	6608130	Planted tree	9	
755	359776	6608132	Planted tree	9	
756	359783	6608129	Planted tree	9	
757	359783	6608130	Planted tree	9	
758	359776	6608129	Planted tree	9	
759	359776	6608129	Planted tree	9	
760	359773	6608129	Planted tree	9	
761	359768	6608129	Planted tree	9	
762	359751	6608124	Planted tree	9	
763	359755	6608125	Planted tree	9	
764	359757	6608126	Planted tree	9	
765	359761	6608125	Planted tree	9	
766	359768	6608126	Planted tree	9	
767	359780	6608128	Planted tree	9	
768	359782	6608128	Planted tree	9	

			Tall trees >8m (except Coastal Blackbutts that >6m)		
Tree #	Easting	Northing	Type	Height (~m)	DBH (cm)
769	359789	6608118	Planted tree	9	
770	359784	6608117	Planted tree	9	
771	359774	6608117	Planted tree	9	
772	359772	6608116	Planted tree	9	
773	359768	6608115	Planted tree	9	
774	359764	6608114	Planted tree	9	
775	359753	6608113	Planted tree	9	
776	359749	6608111	Planted tree	9	
777	359777	6608111	Planted tree	9	
778	359779	6608112	Planted tree	9	
779	359788	6608112	Planted tree	9	
780	359792	6608111	Planted tree	9	
781	359795	6608107	Planted tree	9	
782	359796	6608105	Planted tree	9	
783	359786	6608105	Planted tree	9	
784	359785	6608104	Planted tree	9	
785	359781	6608105	Planted tree	9	
786	359777	6608105	Planted tree	9	
787	359772	6608104	Planted tree	9	
788	359769	6608103	Planted tree	9	
789	359768	6608102	Planted tree	9	
790	359765	6608104	Planted tree	9	
791	359763	6608104	Planted tree	9	
792	359757	6608104	Planted tree	9	
793	359755	6608103	Planted tree	9	
794	359755	6608098	Planted tree	9	
795	359751	6608088	Planted tree	9	
796	359760	6608086	Planted tree	9	
797	359766	6608089	Planted tree	9	
798	359770	6608090	Planted tree	9	
799	359772	6608090	Planted tree	9	
800	359775	6608090	Planted tree	9	
801	359777	6608090	Planted tree	9	
802	359783	6608091	Planted tree	9	
803	359787	6608091	Planted tree	9	
804	359790	6608091	Planted tree	9	
805	359790	6608090	Planted tree	9	
806	359798	6608091	Planted tree	9	
807	359801	6608091	Planted tree	9	
808	359803	6608090	Planted tree	9	
809	359813	6608084	Planted tree	9	
810	359813	6608085	Planted tree	9	
811	359813	6608085	Planted tree	9	
812	359812	6608084	Planted tree	9	
813	359803	6608086	Planted tree	9	
814	359788	6608085	Planted tree	9	
815	359781	6608084	Planted tree	9	
816	359763	6608067	Planted tree	9	
817	359763	6608057	Planted tree	9	
818	359768	6608058	Planted tree	9	
819	359791	6608058	Planted tree	9	
820	359795	6608059	Planted tree	9	
821	359789	6608053	Planted tree	9	
822	359800	6608043	Planted tree	9	
823	359807	6608044	Planted tree	9	
824	359816	6608046	Planted tree	9	
825	359818	6608069	Planted tree	9	
826	360245	6607280	Coastal Blackbutt	10	
827	360245	6607281	Coastal Blackbutt	10	
828	360245	6607281	Coastal Blackbutt	10	
829	360245	6607281	Coastal Blackbutt	10	
830	360245	6607281	Coastal Blackbutt	10	
831	360246	6607283	Coastal Blackbutt	10	
832	360246	6607283	Coastal Blackbutt	10	
833	360246	6607284	Coastal Blackbutt	10	
834	360246	6607283	Coastal Blackbutt	10	
835	360245	6607283	Coastal Blackbutt	10	
836	360245	6607285	Coastal Blackbutt	10	
837	360244	6607284	Coastal Blackbutt	10	
838	360238	6607282	Coastal Blackbutt	10	

Tree #	Easting	Northing	Tall trees >8m (except Coastal Blackbutts that >6m)		
			Type	Height (~m)	DBH (cm)
839	360238	6607282	Coastal Blackbutt	10	
840	360237	6607283	Coastal Blackbutt	10	
841	360237	6607283	Coastal Blackbutt	10	
842	360236	6607283	Coastal Blackbutt	10	
843	360235	6607282	Coastal Blackbutt	10	
844	360235	6607279	Coastal Blackbutt	10	
845	360234	6607280	Coastal Blackbutt	10	
846	360330	6607203	Coastal Blackbutt	10	
847	360330	6607203	Coastal Blackbutt	10	
848	360330	6607203	Coastal Blackbutt	10	
849	360330	6607203	Coastal Blackbutt	10	
850	360332	6607205	Coastal Blackbutt	10	
851	360332	6607205	Coastal Blackbutt	10	
852	360333	6607204	Coastal Blackbutt	10	
853	360333	6607204	Coastal Blackbutt	10	
854	360332	6607204	Coastal Blackbutt	10	
855	360332	6607207	Coastal Blackbutt	10	
856	360331	6607206	Coastal Blackbutt	10	
857	360393	6607149	Coastal Blackbutt	9	
858	360392	6607149	Coastal Blackbutt	9	
859	360393	6607148	Coastal Blackbutt	9	
860	360398	6607145	Coastal Blackbutt	9	
861	360398	6607145	Coastal Blackbutt	9	
862	360399	6607146	Coastal Blackbutt	9	
863	360401	6607146	Coastal Blackbutt	9	
864	360401	6607146	Coastal Blackbutt	9	
865	360401	6607151	Coastal Blackbutt	7	
866	360403	6607155	Coastal Blackbutt	7	
867	360402	6607156	Coastal Blackbutt	7	
868	360398	6607153	Coastal Blackbutt	7	
869	360398	6607153	Coastal Blackbutt	7	
870	360452	6607160	Coastal Blackbutt	7	
871	360455	6607159	Coastal Blackbutt	7	
872	360460	6607163	Coastal Blackbutt	7	
873	360463	6607164	Coastal Blackbutt	7	
874	360462	6607164	Coastal Blackbutt	7	
875	360461	6607172	Coastal Blackbutt	7	
876	360461	6607173	Coastal Blackbutt	7	
877	360461	6607174	Coastal Blackbutt	7	
878	360460	6607174	Coastal Blackbutt	7	
879	360285	6607008	Coastal Blackbutt	9	
880	360284	6607008	Coastal Blackbutt	9	
881	360285	6607007	Coastal Blackbutt	9	
882	360285	6607006	Coastal Blackbutt	9	
883	360283	6607006	Coastal Blackbutt	9	
884	360284	6607006	Coastal Blackbutt	9	
885	360284	6607005	Coastal Blackbutt	9	
886	360285	6607006	Coastal Blackbutt	9	
887	360284	6607006	Coastal Blackbutt	9	
888	360244	6607008	Coastal Blackbutt	9	
889	360243	6607008	Coastal Blackbutt	6	
890	360243	6607007	Coastal Blackbutt	6	
891	360243	6607006	Coastal Blackbutt	6	
892	360238	6607089	Coastal Blackbutt	6	
893	360239	6607089	Coastal Blackbutt	6	
894	360239	6607089	Coastal Blackbutt	6	
895	360214	6607156	Coastal Blackbutt	6	
896	360214	6607156	Coastal Blackbutt	6	
897	359531	6606167	Coastal Blackbutt	7	
898	359534	6606166	Coastal Blackbutt	7	
899	359447	6606053	Coastal Blackbutt	7	
900	359447	6606053	Coastal Blackbutt	7	
901	359446	6606053	Coastal Blackbutt	7	
902	359445	6606053	Coastal Blackbutt	7	
903	359445	6606053	Coastal Blackbutt	7	

## Appendix A. Foraging quality scoring tool template

Starting score	Baudin's Cockatoo	Carnaby's Cockatoo	Forest Red-tailed Black-Cockatoo
<b>10</b>	<b>Start at a score of 10</b> if your site is native eucalypt woodlands and forest, and proteaceous woodland and heath, particularly Marri, within the range of the species, including along roadsides and parkland cleared areas. Can include planted vegetation. <b>This tool only applies to sites equal to or larger than 1 hectare in size.</b>	<b>Start at a score of 10</b> if your site is native shrubland, kwongan heathland or woodland, dominated by proteaceous plant species such as <i>Banksia</i> spp. (including <i>Dryandra</i> spp.), <i>Hakea</i> spp. and <i>Grevillea</i> spp., as well as native eucalypt woodland and forest that contains foraging species, within the range of the species, including along roadsides and parkland cleared areas. Also includes planted native vegetation. <b>This tool only applies to sites equal to or larger than 1 hectare in size.</b>	<b>Start at a score of 10</b> if your site is Jarrah or Marri woodland and/or forest, or if it is on the edge of Karri forest, or if Wandoo and Blackbutt occur on the site, within the range of the subspecies, including along roadsides and parkland cleared areas. <b>This tool only applies to sites equal to or larger than 1 hectare in size.</b>
Attribute	Sub-tractions	Context adjustor (attributes reducing functionality of foraging habitat)	
<b>Foraging potential</b>	-2	<b>Subtract 2</b> from your score if there is no evidence of feeding debris on your site.	<b>Subtract 2</b> from your score if there is no evidence of feeding debris on your site.
<b>Connectivity</b>	-2	<b>Subtract 2</b> from your score if you have evidence to conclude that there is no other foraging habitat within 12 km of your site.	<b>Subtract 2</b> from your score if you have evidence to conclude that there is no other foraging habitat within 12 km of your site.
<b>Proximity to breeding</b>	-2	<b>Subtract 2</b> if you have evidence to conclude that your site is more than 12 km from breeding habitat	<b>Subtract 2</b> if you have evidence to conclude that your site is more than 12 km from breeding habitat.
<b>Proximity to roosting</b>	-1	<b>Subtract 1</b> if you have evidence to conclude that your site is more than 20 km from a known night roosting habitat.	<b>Subtract 1</b> if you have evidence to conclude that your site is more than 20 km from a known night roosting habitat.
<b>Impact from significant plant disease</b>	-1	<b>Subtract 1</b> if your site has disease present (e.g. <i>Phytophthora</i> spp. or Marri canker) and the disease is affecting more than 50% of the preferred food plants present.	<b>Subtract 1</b> if your site has disease present (e.g. <i>Phytophthora</i> spp. or Marri canker) and the disease is affecting more than 50% of the preferred food plants present.
<b>Total score</b>	<i>Enter score</i>	<i>Enter score</i>	<i>Enter score</i>
<b>Appraisal</b>	To support your habitat score, you should provide an overall appraisal of the habitat on the impact site and within 20km of the impact area to clearly explain and justify the score. It should include discussion on the foraging habitat's proximity to other resources (e.g. exact distance to proximate resources), frequency of use of proximate sites, the degree of evidence and description of vegetation type and condition.		



**Appendix B. Significant Black-Cockatoo trees (Zone 50, GDA94)**

Tree #	Species	Easting	Northing	Tree type	Tree DBH (mm)	Tree height (m)	Hollow entrance size (mm)	Hollow orientation	Hollow height (m)	Hollow type	Photo #	Comment
1	<i>Corymbia calophylla</i>	356649	6610281	Straight	890	9	200	Vertical	5	Hollow trunk	1,2	
2	<i>Corymbia calophylla</i>	356634	6610271	Forked	730	13					3	Bee hive in small hollow
3	<i>Corymbia calophylla</i>	356622	6610271	Forked	540	14					4	
4	<i>Corymbia calophylla</i>	356611	6610283	Leaning	630	11					5	
5	<i>Corymbia calophylla</i>	356609	6610289	Leaning	530	11					6	
6	<i>Corymbia calophylla</i>	356589	6610312	Straight	700	13					7	
7	<i>Corymbia calophylla</i>	356580	6610318	Forked 1m	580	13					8	
8	<i>Corymbia calophylla</i>	356578	6610315	Forked 2m	1060	13					9,10,11,12	Evidence of feeding
9	<i>Corymbia calophylla</i>	356562	6610288	Forked 2m	950	13					13	
10	<i>Corymbia calophylla</i>	356560	6610284	Forked 2m	780	12					14	
11	<i>Corymbia calophylla</i>	356577	6610276	Straight	1000	14					15	
12	<i>Corymbia calophylla</i>	356565	6610247	Straight	650	13					16	
13	<i>Corymbia calophylla</i>	356517	6610304	Straight	790	13					17	
14	<i>Corymbia calophylla</i>	356512	6610314	Leaning	910	13	150	South	10	In fork	18,19	Potential hollow
15	<i>Corymbia calophylla</i>	356505	6610316	Forked 3m	780	14					20	
16	<i>Corymbia calophylla</i>	356506	6610325	Forked 2m	500	12					21	
17	<i>Corymbia calophylla</i>	356513	6610337	Forked 1m	560	13					22	
18	<i>Corymbia calophylla</i>	356518	6610343	Forked 1.5m	1010	14					23	Bee hive
19	<i>Corymbia calophylla</i>	356517	6610351	Forked 3m	650	14					24	
20	<i>Corymbia calophylla</i>	356499	6610345	Straight	730	15					25	
21	<i>Corymbia calophylla</i>	356489	6610344	Leaning	570	13					26	
22	<i>Corymbia calophylla</i>	356468	6610324	Straight	550	14					27	
23	<i>Corymbia calophylla</i>	356456	6610298	Straight	600	14					28	
24	<i>Corymbia calophylla</i>	356456	6610296	Forked 2m	530	13					29	
25	<i>Corymbia calophylla</i>	356456	6610293	Straight	650	13					30	
26	<i>Corymbia calophylla</i>	356434	6610273	Forked 3m	880	12					31	
27	<i>Corymbia calophylla</i>	356434	6610273	Leaning	590	10					32	
28	<i>Corymbia calophylla</i>	356435	6610274	Leaning	670	11	150	Vertical	8	In trunk	33,34	Bee hive in opposite branch
29	<i>Corymbia calophylla</i>	356456	6610293	Straight	720	14					35	
30	<i>Corymbia calophylla</i>	356479	6610286	Straight	940	16					36	
31	<i>Corymbia calophylla</i>	356485	6610326	Straight	790	16					37	
32	<i>Corymbia calophylla</i>	356451	6610264	Forked 3m	910	15					38,39	Evidence of feeding
33	<i>Corymbia calophylla</i>	356442	6610264	Straight	670	14					40	
34	<i>Corymbia calophylla</i>	356439	6610252	Forked 1m	790	9	150	Vertical	1	In trunk	41,42	

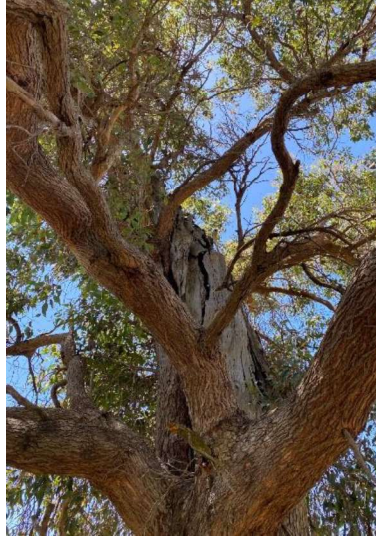
Tree #	Species	Easting	Northing	Tree type	Tree DBH (mm)	Tree height (m)	Hollow entrance size (mm)	Hollow orientation	Hollow height (m)	Hollow type	Photo #	Comment
35	<i>Corymbia calophylla</i>	356403	6610234	Forked 3m	800	14	150	Vertical/South East	9	Spout	43,44	
36	<i>Corymbia calophylla</i>	356387	6610227	Forked 2m	690	11					45	
37	<i>Corymbia calophylla</i>	356427	6610300	Straight	500	12					46	
38	<i>Corymbia calophylla</i>	356445	6610327	Forked 3m	570	13					47	Evidence of feeding
39	<i>Corymbia calophylla</i>	356446	6610351	Straight	830	14					48	
40	<i>Corymbia calophylla</i>	356429	6610342	Forked 2m	1030	8					49	Hollow trunk
41	<i>Corymbia calophylla</i>	356431	6610336	Leaning	610	13					50	
42	<i>Corymbia calophylla</i>	356431	6610335	Leaning	510	13					51	
43	<i>Corymbia calophylla</i>	356431	6610335	Straight	740	12					52	
44	<i>Corymbia calophylla</i>	356410	6610316	Forked 3m	750	16	150	West	11	In trunk	53,54	Bee hive/Corellas in hollow
45	<i>Corymbia calophylla</i>	356392	6610323	Forked 2m	920	15					55	Bee hive/small hollows
46	<i>Corymbia calophylla</i>	356407	6610302	Straight	530	13					56	
47	<i>Corymbia calophylla</i>	356397	6610286	Leaning	690	13					57	Bee hive
48	<i>Corymbia calophylla</i>	356395	6610289	Straight	900	15					58	Evidence of feeding
49	<i>Corymbia calophylla</i>	356393	6610281	Forked 3m	960	14	150	North east	6	Broken branch	59,60	Some smaller poor quality hollows
49	<i>Corymbia calophylla</i>	356314	6610267	Forked 3m	960	14	200	North east	6	Broken branch		
50	<i>Corymbia calophylla</i>	356325	6610296	Straight	860	14	200	Vertical	10	Dead spout	61,62	Bee hive
51	<i>Corymbia calophylla</i>	356313	6610304	Forked 3m	700	15	300	South west	6	In trunk	63,64	Hollow trunk
52	<i>Corymbia calophylla</i>	356291	6610321	Straight	670	16					65	
53	<i>Corymbia calophylla</i>	356280	6610316	Leaning	600	10					66	
54	<i>Corymbia calophylla</i>	356255	6610351	Forked 2m	650	12					67	
55	<i>Corymbia calophylla</i>	356244	6610349	Leaning	620	11					68	
56	<i>Corymbia calophylla</i>	356241	6610319	Leaning	680	10					69	
57	<i>Corymbia calophylla</i>	356251	6610301	Leaning	770	13					70	
58	<i>Corymbia calophylla</i>	356249	6610244	Leaning	680	10					71	
59	<i>Corymbia calophylla</i>	356197	6610281	Forked 3m	630	11					72	
60	<i>Corymbia calophylla</i>	356183	6610345	Forked 3m	660	13					73	
61	<i>Corymbia calophylla</i>	356171	6610351	Forked 3m	960	13					74	
62	<i>Corymbia calophylla</i>	356164	6610286	Leaning	770	11					75	Bee hive
63	<i>Corymbia calophylla</i>	355983	6610317	Leaning	800	10	300	North east	7	In trunk	76,77	Bee hive
64	<i>Corymbia calophylla</i>	356649	6610281	Forked 1m	540	11					78	



**Appendix C. Significant habitat trees**



Tree 1



Tree 1 hollow



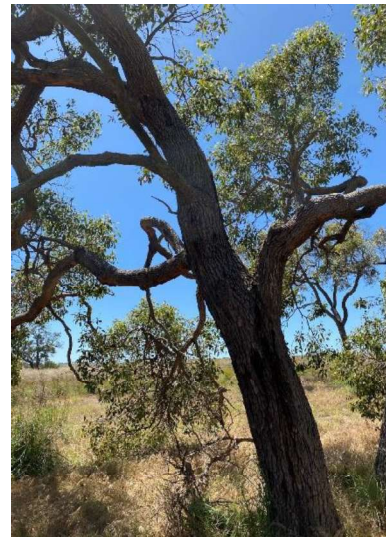
Tree 2



Tree 3



Tree 4



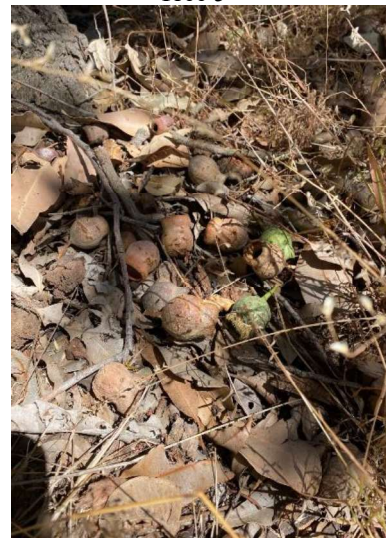
Tree 5



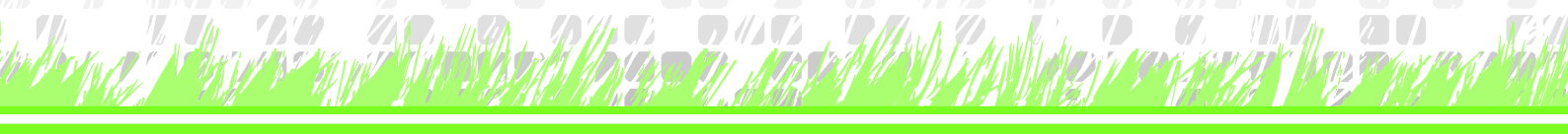
Tree 6



Tree 7



Tree 8

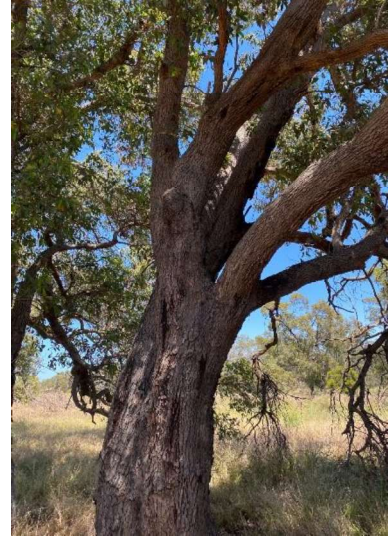




Tree 8



Tree 8



Tree 8



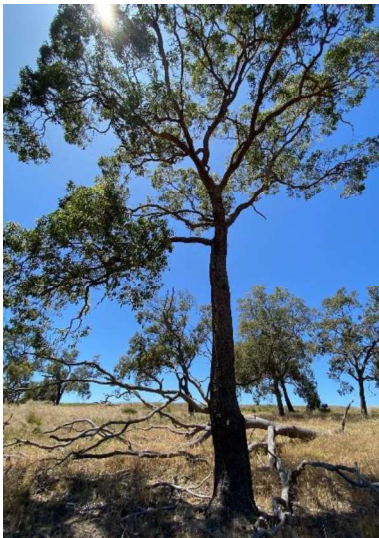
Tree 9



Tree 10



Tree 11



Tree 12



Tree 13



Tree 14



Tree 14 hollow



Tree 15



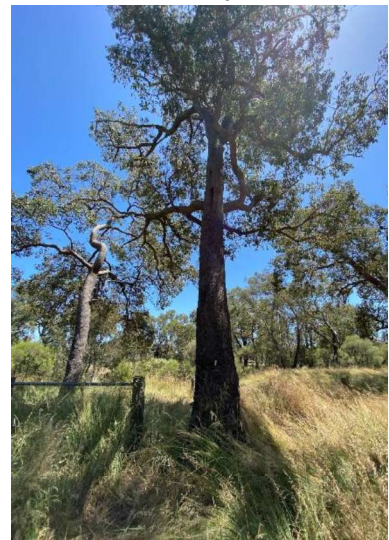
Tree 16



Tree 17



Tree 18



Tree 20



Tree 21



Tree 22



Tree 24



Tree 25



Tree 26



Tree 27



Tree 28



Tree 28 hollow



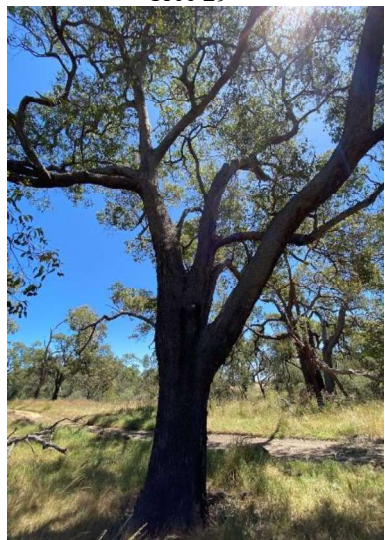
Tree 29



Tree 30



Tree 31



Tree 32



Tree 32



Tree 33



Tree 34



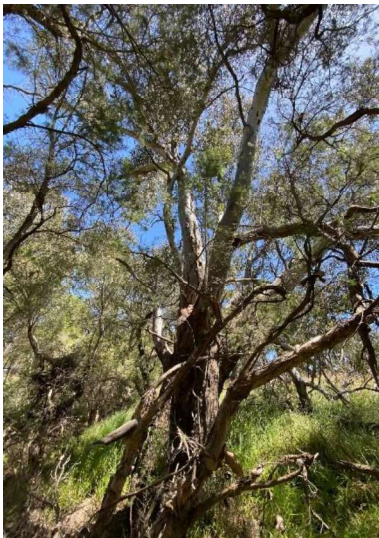
Tree 34 hollow



Tree 35



Tree 35 hollow



Tree 36



Tree 37



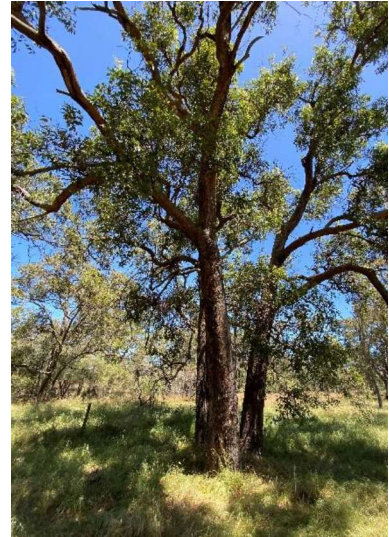
Tree 38



Tree 39



Tree 40



Tree 41



Tree 42



Tree 43



Tree 44



Tree 44 hollow



Tree 45



Tree 47





Tree 48



Tree 49



Tree 49 hollows



Tree 50



Tree 50 hollow



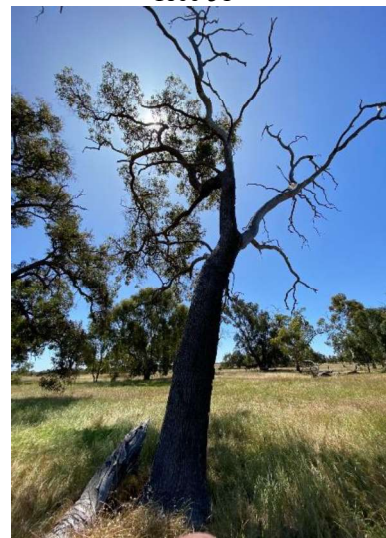
Tree 51



Tree 51 hollow



Tree 52



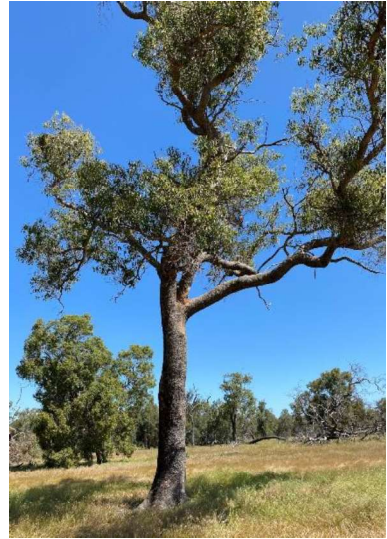
Tree 53



Tree 54



Tree 55



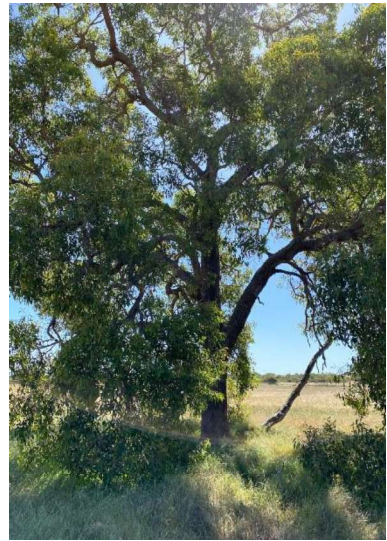
Tree 57



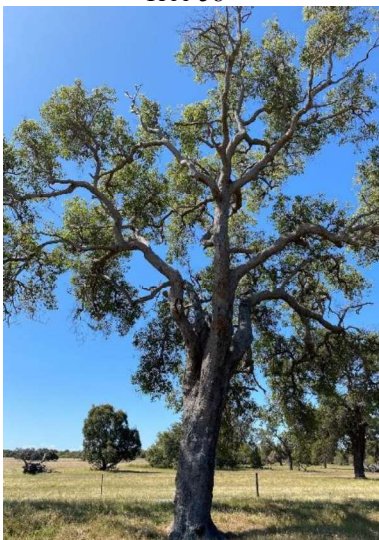
Tree 58



Tree 59



Tree 60



Tree 61



Tree 62



Tree 63



Tree 63 hollow



Tree 64