

Briefing Note

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From	
Date	19/11/2025
Subject	Black-cockatoo Assessment for Solar Farm Areas and Additional Trees within Disturbance Footprint

1.0 Introduction

Umwelt were engaged by Synergy Renewable Energy Development (SynergyRED) to perform a Basic and Targeted survey within the proposed Tathra Wind Farm Area (the Project) (Umwelt, 2025). Following completion of the works, SynergyRED requested additional analysis focussing on the potential usage by Carnaby's Black-Cockatoo (*Zanda latirostris*) (Endangered, EPBC & BC Act).

Specifically, the request pertains to five proposed solar farm options located within the broader Tathra Wind Farm Area footprint, as well as additional areas that require ground truthing. The project areas relevant to this assessment are described below.

1.1 Project Area Definitions

Within the Project, several areas of study have been delineated. The Basic Fauna Survey Area (Basic FSA) comprises the 'Tathra Wind Farm' area, and six major road intersections, and is the area subject to a Basic level fauna assessment. The Targeted Fauna Survey Area (Targeted FSA) comprises the proposed development footprint supplied by SynergyRED which includes a series of proposed indicative turbine access roads, the six major road intersections, and 90 m buffered turbine areas. This is the area surveyed as part of the Targeted fauna assessment. In September 2025, additional survey areas within the Basic FSA were identified for survey, including the Solar Farm Areas. The Solar Farm Areas comprise five potential options within the Basic FSA and is the focus of this current report, as well as the Additional Survey Areas. The Additional Survey Areas include the areas within the updated indicative disturbance footprint that have not been ground-truthed by the Basic and Targeted survey.

Project areas are described in **Table 1.1** and **Table 1.2**, and are presented in **Figure 1.1**

Table 1.1 Project Area Definitions

Name	Definition	Extent
Basic FSA	Comprises: <ul style="list-style-type: none"> the lots considered for inclusion in the Project site access turning circles (approx. 40–100 m buffers) into the lots roadside remnant vegetation on selected routes road intersection areas enroute to the Project. 	18,441.4 ha
Targeted FSA	Contained entirely within the Basic FSA, comprises: <ul style="list-style-type: none"> indicative site layout of access tracks for the Project (as provided by SynergyRED on 1 November 2024) indicative wind turbine locations (90 m buffers) site access turning circles (10 m buffers) into the lots intersection turning circles (10 m buffers) enroute to the Project. 	1,263.9 ha
Additional Survey Areas	Contained entirely within the Basic FSA, comprises: <ul style="list-style-type: none"> the modified portion of the updated indicative disturbance footprint (as provided by SynergyRED on 25 September 2025), includes the Solar Farm Areas. 	1,595.4 ha
Solar Farm Areas	Contained entirely within the Basic FSA, comprises: <ul style="list-style-type: none"> five solar farm options (further described in Table 1.2). 	1,011.7 ha

Table 1.2 Solar Farm Areas

Solar Area ID	Lot Number	Extent
SA01	10891	221.0 ha
SA02	31 & 10847	208.6 ha
SA03	10847	169.1 ha
SA04	10845	200.9 ha
SA05	10846	212.1 ha
Total		1,011.7 ha

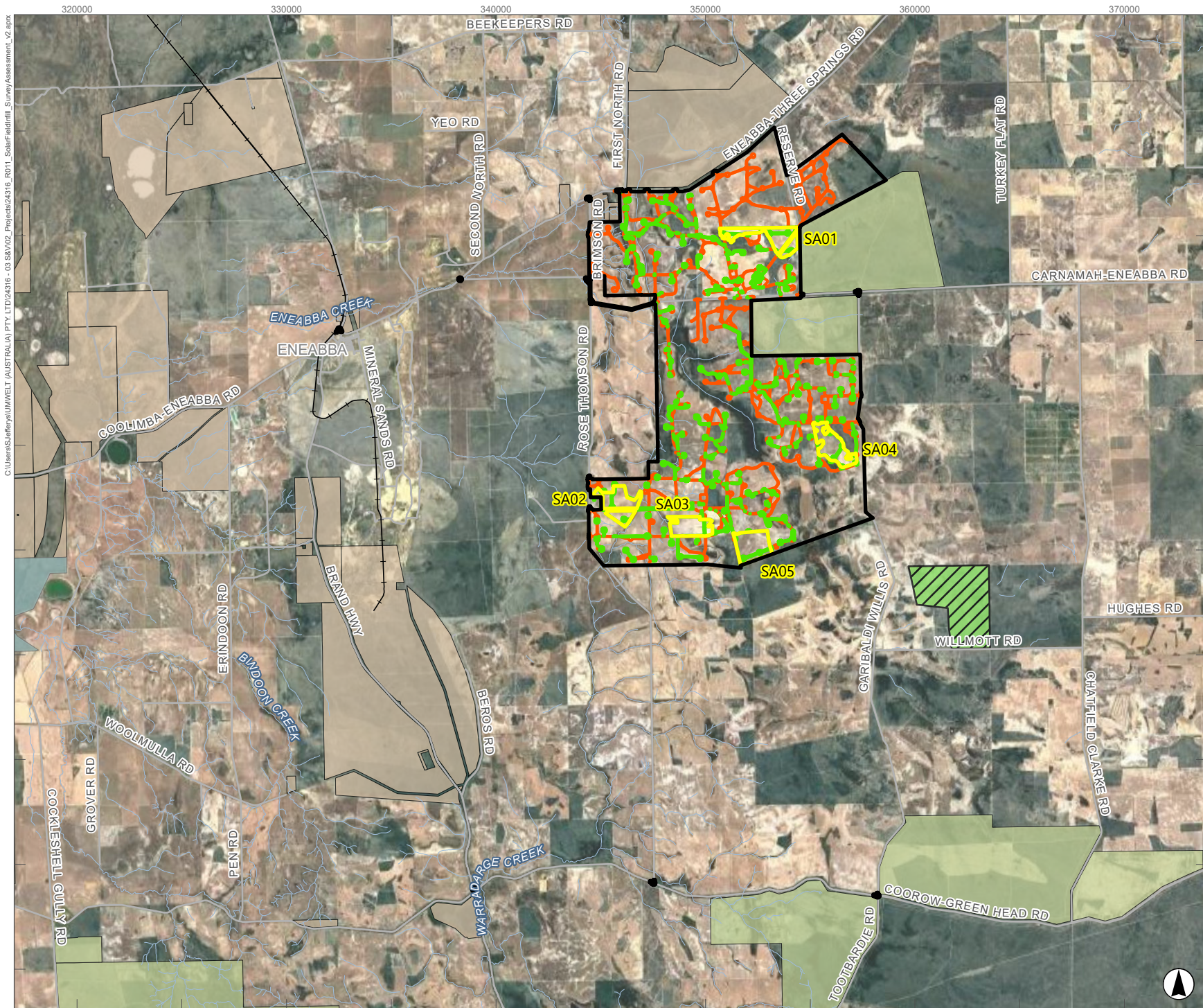
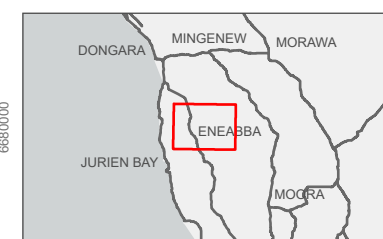


FIGURE 1.1
Project Areas

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Solar Farm Area
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
 - Crown Land - Section 33(2)
 - National Park
 - Section 5(1)(g) Reserve
 - Crown Freehold - Dept Interest



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2.0 Methodology

2.1 Survey Timing, Personnel and Access

The black-cockatoo habitat tree assessment was undertaken between 15 October 2025 and 17 October 2025 by Senior Ecologist Kyler Rowson and Ecologist Frederik Niclauss. Kyler has over four years' experience conducting ecological surveys within the state, while Frederik has over one year experience.

The Additional Survey Areas and Solar Areas were surveyed on foot and by light vehicle. Some areas were inaccessible due to crop and washed-out tracks. Appropriate landowner permissions were obtained prior to field survey. All traverses within the Additional Survey Areas and Solar Farm Areas were recorded as track logs, with survey effort presented on **Figure 2.1**.

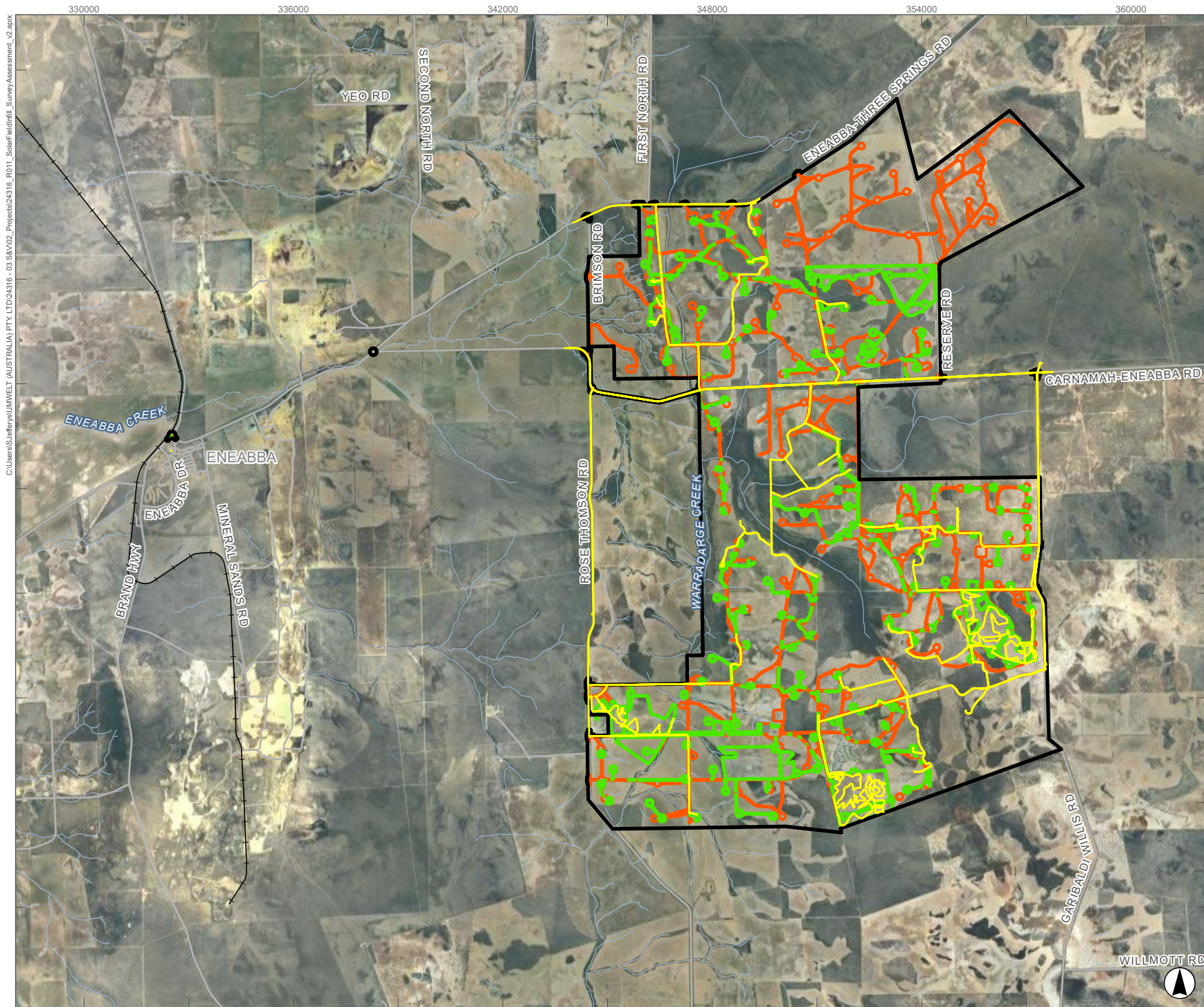


FIGURE 2.1
Survey Effort

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
 - Track Log



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2.2 Foraging Habitat Quality Score Mapping

The assessment of Black-Cockatoo foraging habitat was based on the framework developed by Bamford Consulting Ecologists (BCE) in collaboration with Quessentia Consulting (Bamford, 2020). This methodology aligns with the Offset Assessment Guide by the Federal Department of Agriculture, Water and the Environment (DAWE) (now Department of Climate Change, Energy, the Environment and Water (DCCEEW)) and is generally considered a best practice approach to evaluate the foraging value of vegetation for black-cockatoos.

Black-Cockatoo foraging assessments were conducted at 109 locations within the Targeted FSA to evaluate habitat quality (Umwelt, 2025). To extend this assessment across the broader Basic FSA, foraging quality scores were extrapolated from the field-mapped data within the Targeted FSA. A conservative approach was applied, whereby the highest intersecting foraging score was assigned to each corresponding fauna habitat type across the Basic FSA. Foraging habitat was scored from 0–6 based on the BCE Site Condition component as presented in **Table 2.1**.

To evaluate Black-Cockatoo foraging values within the Solar Farm Area and Additional Survey Areas, foraging quality scores were extrapolated from the Targeted FSA using spatial analysis tools. Specifically:

- Foraging scores (ranging from 0 to 6, following the methodology outlined in Bamford, 2020) were spatially intersected with mapped habitat types;
- A conservative approach was adopted: the highest recorded foraging score within each habitat type was applied uniformly across that entire habitat type, ensuring potential habitat value was not underestimated;
- This extrapolation was validated during the field survey.

Table 2.1 Carnaby’s Black-Cockatoo Foraging Habitat Scoring System Adapted from Bamford (2020)

Site Score	Carnaby’s Black-Cockatoo
0	No foraging value. No Proteaceae, eucalypts or other potential sources of food. Examples: <ul style="list-style-type: none"> • Water bodies (e.g. salt lakes, dams, rivers) • Bare ground • Developed sites devoid of vegetation (e.g. infrastructure, roads, gravel pits) or with vegetation of no food value, such as some suburban landscapes • Mown grass
1	Negligible to low foraging values. Examples: <ul style="list-style-type: none"> • Scattered specimens of known food plants but projected foliage cover of these is <2%. This could include urban areas with scattered foraging trees • Paddocks that are lightly vegetated with melons or other known food-source weeds (e.g. Erodium spp.) that represent short-term and/or seasonal food source • Blue gum plantations (foraging has been reported but appears to be unusual)
2	Low forage value. Examples: <ul style="list-style-type: none"> • Shrubland in which species of foraging value, such as shrubby banksias, have <10% projected foliage cover • Woodland with tree banksias 2-4% projected foliage cover

Site Score	Carnaby's Black-Cockatoo
	<ul style="list-style-type: none"> Open eucalypt woodland/mallee of small-fruited species Paddocks that are densely vegetated with melons or other known food-source weeds (e.g. <i>Erodium</i> spp.) that represent a short-term and/or seasonal food source
3	<p>Low to Moderate foraging value. Examples:</p> <ul style="list-style-type: none"> Shrubland in which species of foraging value, such as shrubby banksia, have 10-20% projected foliage cover Woodland with tree banksias 5-20% projected foliage cover Eucalypt Woodland/Mallee of small-fruited species Eucalypt Woodland with Marri <10% projected foliage cover
4	<p>Moderate foraging value. Examples:</p> <ul style="list-style-type: none"> Woodland/low forest with tree banksias (of key species <i>B. attenuata</i> and <i>B. menziesii</i>) 20-40% projected foliage cover Kwongan/Shrubland in which species of foraging value, such as shrubby banksias, have 20-40% projected foliage cover Eucalypt Woodland/Forest with Marri 20-40% projected foliage cover
5	<p>Moderate to High foraging value. Examples:</p> <ul style="list-style-type: none"> Banksia Low Forest (of key species <i>B. attenuata</i> and <i>B. menziesii</i>) with >60% projected foliage cover but vegetation condition reduced due to weed invasion and/or some tree deaths Pine Plantations with trees more than 10 years old
6	<p>High foraging value. Example:</p> <ul style="list-style-type: none"> Banksia Low Forest (of key species <i>B. attenuata</i> and <i>B. menziesii</i>) with >60% projected foliage cover and vegetation condition good with low weed invasion and/or low tree deaths (indicating it's robust and unlikely to decline in the medium term)

2.3 Habitat Tree Assessment

Carnaby's Black-Cockatoo breed primarily in eucalypt woodlands, largely in the Wheatbelt but with a westward expansion into jarrah-marri forests and tuart woodlands of the Swan Coastal Plain (DCCEEW, 2025). The Referral Guideline for 3 WA Threatened Black-Cockatoo Species (DCCEEW, 2022) note that while typical breeding habitat comprises woodland and forests, it can also include partially cleared areas, including isolated trees. Carnaby's Black-Cockatoo are known to nest in both live and dead trees, with many eucalypt species providing suitable sites. Nesting occurs in large hollows of mature eucalypts, with preferred species including Salmon Gum (*Eucalyptus salmonophloia*), Wandoo (*E. wandoo*), Tuart (*E. gomphocephala*), Jarrah (*E. marginata*), Flooded Gum (*E. rudis*), York Gum (*E. loxophleba*), Powderbark (*E. accedens*), Karri (*E. diversicolor*), and Marri (*Corymbia calophylla*) (DCCEEW, 2022).

The methodology used in the current study takes into consideration the following:

Tree species. The primary species of tree used for Carnaby's Black-Cockatoo breeding include Salmon Gum, Wandoo, Tuart, Jarrah, Flooded Gum, York Gum, Powderbark, Karri and Marri. However, it is generally considered that a tree of any species may be a breeding site if hollow height, dimensions, and orientation are adequate. For the targeted assessment, all rough barked trees with a DBH ≥ 500 mm and any smooth barked tree within a DHB of ≥ 300 mm was assessed.

Height of nest entrance. A study by Saunders (1979) found that the average height of a Carnaby's nest hollow varied depending on the dominant tree species. In Wandoo dominated sites, nesting hollows were often recorded between 2 m and 10 m. However, in Salmon Gum dominated sites, nesting hollows ranged from 3–10 m high. There was no evidence to suggest that higher hollows were preferred. A breeding pair of Carnaby's Black-Cockatoo with a chick was recorded nesting in a Powderbark Wandoo within the Basic FSA on one of the properties, in an area that is not expected to be impacted by potential disturbance as a result of the Project (located more than 1.5 km away). The height of the hollow entrance was 1.5 m above ground level (AGL), therefore this was the minimum height used during hollow assessments within the Targeted FSA.

Hollow entrance dimensions. The unpublished (Denis Saunders) dimensions of natural hollows in Wandoo and Salmon Gum used by Carnaby's Black-Cockatoo for nesting have been presented by Groom (Christine Groom, 2010). This information shows that the width of hollow entrances range from 14–68 cm (average 29.6 cm) for Wandoo, and 13–32 cm (average 21.9 cm) in Salmon Gum. Depth of hollows ranged from 60–410 cm (185 cm) and 50–254 cm (122 cm) for Wandoo and Salmon Gum respectively.

Hollow entrance orientation. While specific studies on shape and orientation are less abundant than those on size, research suggests that Carnaby's Black-Cockatoo do not have a preferred orientation for breeding hollows (Christine Groom, 2010; Saunders, 1979). Johnstone et al. (Johnstone et al., 2013) defined a number of hollow entrance types for Forest Red-tailed Black-Cockatoo (based on their orientation and location within the tree's structure). These can be condensed to the following categories - chimney, elbow, spout, and side entrance (to main trunk). Black-cockatoos mainly nested in chimneys, elbows and side entrances and, in virtually every case, the hollow entrance needed to be oriented vertically (chimneys, elbows), near-vertically (some spouts) or outwards (side entrances). Horizontal or downward-facing hollow entrances (even of suitable height and diameter) are undesirable to Black-cockatoos.

2.4 Assessment of Potential Nest-trees

Potential nest trees were assessed within the Solar Farm Areas and the Additional Survey Areas through ground-based observations, using binoculars where necessary. Trees considered potentially suitable for black-cockatoo nesting were systematically evaluated. For each suitable tree, the following attributes were recorded:

- Tree location;
- Tree species;
- Life status (alive or dead);
- Diameter at breast height (DBH);
- Number of visible hollows;
- Aspect and estimated height of the most suitable hollow;
- Evidence of use, including chew marks or other signs of breeding activity.

Trees were then given a nest-tree ranking in accordance with the Bamford ranking system described in **Table 2.2**.

Table 2.2 Bamford et al. (2020) Black-cockatoo Nest-tree Ranks

Rank	Description of Tree and Hollows/Activity
1	Activity at hollow observed; adult (or immature) bird seen entering or emerging from hollow.
2	Hollow of suitable size visible with chew marks around entrance. Record if chew-marks are recent or old.
3	Potentially suitable hollow visible but no chew marks present; or potentially suitable hollow present (as suggested by structure of tree, such as large, vertical trunk broken off at a height of >10 m).
4	Tree with large hollows or broken branches that might contain large hollows but hollows or potential hollows are not vertical or near-vertical; thus a tree with or likely to have hollows of sufficient size but not to have hollows of the angle preferred by Black-Cockatoos.
5	Tree lacking large hollows or broken branches that might have large hollows; a tree with more or less intact branches and a spreading crown.

3.0 Limitations

Following the completion of the desktop assessment and field survey, a review was undertaken to identify any limitations that may have affected the comprehensiveness of the data assessment. The limitations outlined in **Table 3.1** are based on those recommended for consideration in the *Technical Guidance – Terrestrial vertebrate fauna surveys for environmental impact assessment* (EPA, 2020).

Table 3.1 Limitations of the Field Survey

Limitation	Outcome	Comment
Availability of data and information	Not a limitation	Good contextual information for the Survey Areas was available prior to the survey. Sources of information used included government databases (DBCA, DCCEEW), as well as numerous general sources pertaining to the climate, geomorphology, vegetation and fauna of the region, and fauna surveys previously conducted in the immediate vicinity (i.e. the Basic FSA).
Competency/experience of team carrying out the survey	Not a limitation	The fauna field team leader for the field survey has >4 years' experience in conducting ecological surveys, with >1.5 years' experience surveying for black-cockatoo. The survey team were supported by Principal Zoologist Wesley Bancroft who has >20 years fauna survey experience and provided additional support where required.
Scope of the survey, e.g. where fauna groups were excluded from the survey	Not a limitation	The scope was a targeted black-cockatoo assessment. This was conducted within the EPA (2020) framework and relevant species-specific survey guidelines (DCCEEW, 2022).
Timing/weather/season cycle	Minor limitation	The field survey was conducted in October 2025. This is considered to be within recommended survey timing for Carnaby's Black-Cockatoo (DCCEEW, 2022).
Disturbances (e.g. fire, flood etc.), which may have affected results	Not a limitation	There was evidence of significant impact to vegetation composition and structure throughout the Survey Areas as a result of human activities, including clearing and very high levels of introduced (weed) taxa. However, the fauna investigations were unimpacted by disturbance.
Proportion of fauna identified, recorded and/or collected	Not a limitation	This was a targeted assessment for Carnaby's Black-Cockatoo breeding and foraging habitat.
Adequacy of survey intensity and proportion of survey achieved	Not a limitation	The sampling methods and survey intensity was considered adequate for the level of survey and focussed on the significant species. All trees within the Solar Farm Areas and Additional Survey Areas were assessed.
Access problems	Not a limitation	The Additional Survey Areas were accessed either via roads or on foot. Most areas of the Additional Survey Areas were able to be accessed by vehicle or by foot, and those that were inaccessible were able to be assessed using binoculars from the closest access point to assess species and size.

4.0 Results and Discussion

4.1 Foraging Habitat

Black-cockatoo foraging habitat was assessed within the Additional Survey Areas, and has been combined with the original mapping over the Targeted FSA. Overall, a majority of the combined Targeted FSA and Additional Survey Areas is considered to be of Negligible to Low foraging value (Site Score 0-2) (98.8%), with some smaller areas of Moderate to High value habitat present (Site Score 5, 0.3%).

A large majority of the combined Targeted FSA and Additional Survey Areas is considered to have a Site Score of 1; Negligible to low foraging values (2484.3 ha – 97.0%). The next largest area has a Site Score of 2; Low forage value (25.4 ha – 0.9%). The highest Site Score given to any area within the combined Targeted FSA, Solar Areas and Additional Survey Areas had a score of 5; Moderate to High foraging value (7.2 ha – 0.3%). None of the habitat within the combined Targeted FSA, Solar Areas or Additional Survey Areas were given the highest Site Score ranking of 6.

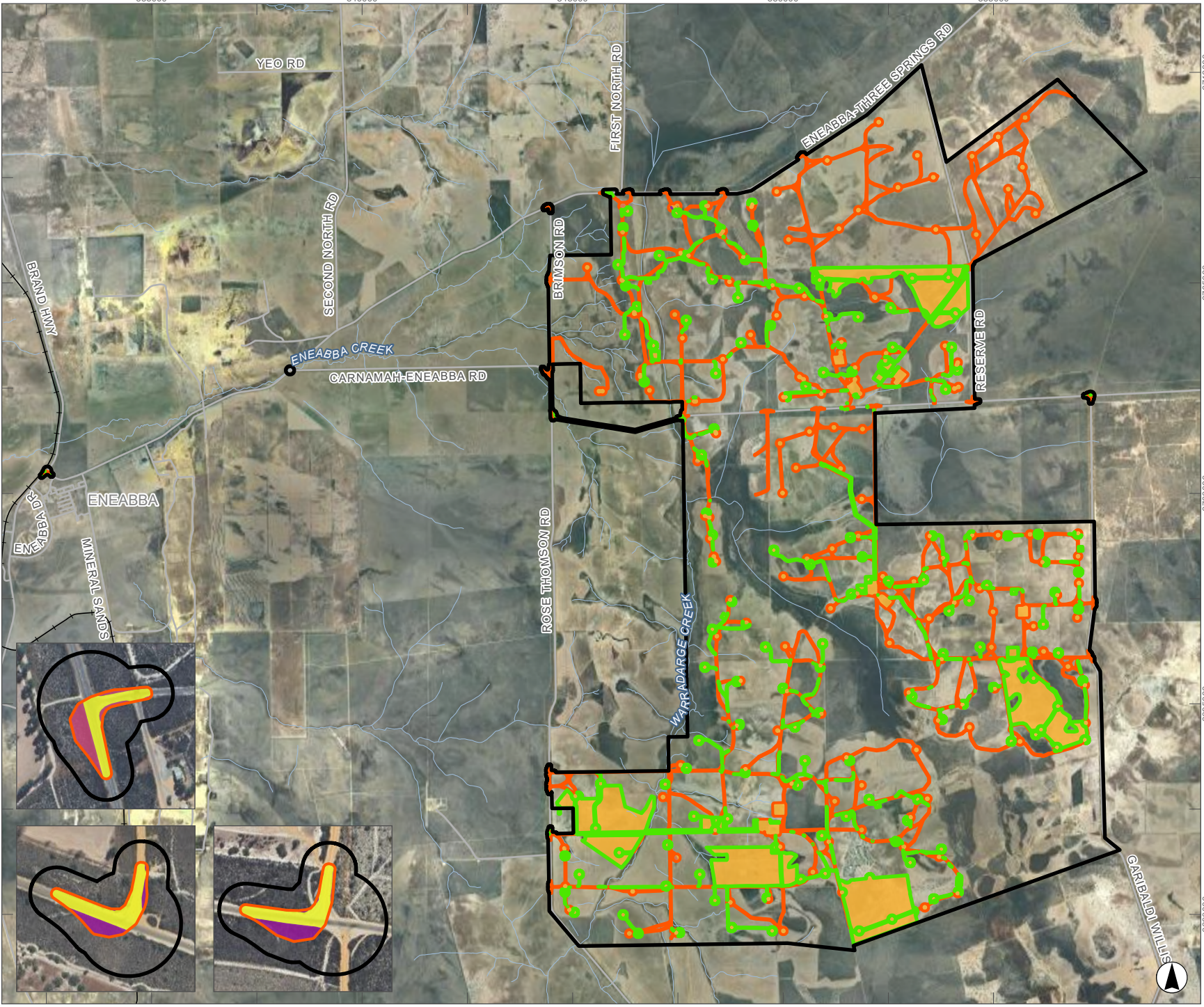
A summary of Carnaby’s Black-Cockatoo foraging habitat is presented in **Table 4.1**. An overview of black-cockatoo foraging habitat mapping is presented on **Figure 4.1**, with more detailed mapping provided in **Appendix B**.

Table 4.1 Summary of Carnaby's Black-Cockatoo Foraging Based on Bamford (2020) Site Score Rankings

Site Score	Description of Vegetation Value	Area Extent within Targeted FSA, Solar Areas and Additional Survey Areas (ha)	Percentage Extent (%)
0	No foraging value	20.8	0.8
1	Negligible to low foraging values	2484.3	97
2	Low forage value	25.4	1
3	Low to Moderate foraging value	14.7	0.6
4	Moderate foraging value	9.1	0.3
5	Moderate to High foraging value	7.2	0.3
Total		2561.5	100

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335000 340000 345000 350000 355000



6710000
6705000
6700000
6695000
6690000

FIGURE 4.1
Foraging Habitat Quality Scores of the Targeted FSA, Solar Areas and Additional Survey Areas

Legend

- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

BCE Foraging Habitat Quality Score

- 5
- 4
- 3
- 2
- 1
- 0



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4.2 Nest-tree Assessment

A total of 83 trees that meet the potential Black-Cockatoo nest-tree criteria were recorded within the Solar Farms and Additional Survey Areas. Combined with the nest-trees previously recorded in the Targeted FSA (Umwelt, 2025), the total number of potential nest-trees is 436.

No Category 1, 2 or 3 trees were recorded by the October 2025 field survey, with only two Category 4 trees recorded (category definitions presented in **Section 2.4**). The remaining 81 trees were all recorded as Category 5. Carnaby's Black-Cockatoo was not observed nesting in any trees within the Solar Areas or Additional Survey Areas.

Both Category 4 trees recorded by the October 2025 survey possessed hollows, however, they are considered to be unsuitable for Carnaby's Black-Cockatoo. One tree was Pricklybark (*Eucalyptus tottiana*), with a hollow that was too low to the ground and too exposed, and the second tree was Powderbark Wandoo (*Eucalyptus accedens*), with a small hollow, currently possessed by feral honeybees.

The vast majority of the Category 5 trees recorded by the October 2025 survey were Pricklybark, with occasional Powderbark Wandoo and Drummond's Mallee (*Eucalyptus drummondii*).

The assessment data (species, life status, DBH and nest-tree rank) for all potential nest-trees are presented in **Appendix A**. Locations of potential nest-trees recorded within the Targeted FSA, Solar Areas and Additional Survey Areas are presented in **Figure 4.2**.

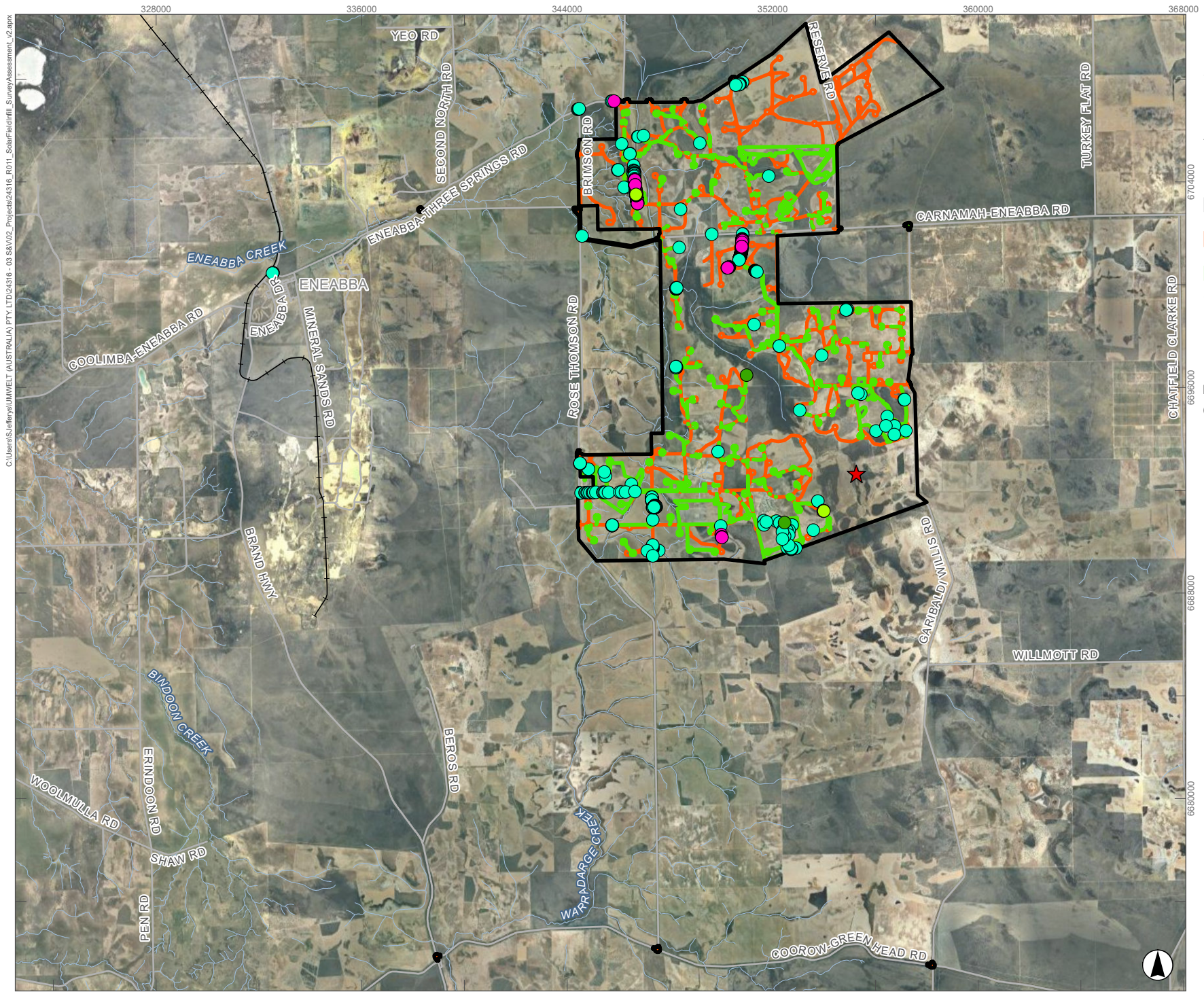


FIGURE 4.2
 Nest-tree Locations
 Within the Targeted FSA,
 Solar Areas and
 Additional Survey Areas

Legend

- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse
- ★ Confirmed Breeding Tree

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2



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Appendix A

Potential Nest-tree Locations



Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T01	Yes	10	415	Yes	<i>Eucalyptus accedens</i>	3	353978.9	6691212
T02	Yes	9	500	Yes	<i>Eucalyptus accedens</i>	2	353991.9	6691192
T03	Yes	8	500	Yes	<i>Eucalyptus accedens</i>	3	353979.9	6691184
T04	Yes	10	520	Yes	<i>Eucalyptus accedens</i>	3	353966.5	6691195
T05	Yes	8	341	No	<i>Eucalyptus sp.</i>	5	354913.5	6699033
T06	Yes	8	340	No	<i>Eucalyptus sp.</i>	5	354868.2	6699023
T07	Yes	10	560	No	<i>Eucalyptus sp.</i>	5	354857.9	6699017
T08	Yes	8	330	No	<i>Eucalyptus sp.</i>	5	350835.6	6701976
T09	Yes	8	390	No	<i>Eucalyptus camaldulensis</i>	5	350824.8	6701969
T10	Yes	9	405	No	<i>Eucalyptus accedens</i>	5	350817.6	6701778
T100	Yes	10	493	No	<i>Eucalyptus accedens</i>	5	350736.1	6701102
T101	Yes	10	353	No	<i>Eucalyptus camaldulensis</i>	5	350732.6	6701091
T102	Yes	10	356	No	<i>Eucalyptus camaldulensis</i>	5	350731.1	6701086
T103	Yes	10	342	No	<i>Eucalyptus camaldulensis</i>	5	350729	6701082
T104	Yes	10	418	No	<i>Eucalyptus camaldulensis</i>	5	350726.6	6701078
T105	Yes	10	367	No	<i>Eucalyptus camaldulensis</i>	5	350723.7	6701075
T106	Yes	10	409	No	<i>Eucalyptus camaldulensis</i>	5	350721.9	6701069
T107	Yes	10	648	No	<i>Eucalyptus camaldulensis</i>	5	350728.7	6701066
T109	Yes	10	398	No	<i>Eucalyptus camaldulensis</i>	5	350720.8	6701066
T11	Yes	9	383	No	<i>Eucalyptus accedens</i>	5	350807.9	6701782
T110	Yes	10	380	No	<i>Eucalyptus camaldulensis</i>	5	350716.2	6701064
T111	Yes	10	422	No	<i>Eucalyptus camaldulensis</i>	5	350717.7	6701061
T112	Yes	10	321	No	<i>Eucalyptus camaldulensis</i>	5	350717.5	6701058
T112	Yes	10	343	No	<i>Eucalyptus camaldulensis</i>	5	350716.2	6701055
T114	Yes	10	418	No	<i>Eucalyptus camaldulensis</i>	5	350713.9	6701051
T115	Yes	10	453	No	<i>Eucalyptus camaldulensis</i>	5	350709.8	6701043

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T116	Yes	10	409	No	<i>Eucalyptus accedens</i>	5	350718.1	6701037
T117	Yes	10	393	No	<i>Eucalyptus camaldulensis</i>	5	350708.8	6701039
T118	Yes	10	407	No	<i>Eucalyptus camaldulensis</i>	5	350707.5	6701034
T119	Yes	10	504	No	<i>Eucalyptus camaldulensis</i>	5	350704.4	6701025
T12	Yes	9	410	Yes	<i>Eucalyptus accedens</i>	3	350806.6	6701777
T121	Yes	10	354	No	<i>Eucalyptus camaldulensis</i>	5	350700.3	6701016
T122	Yes	10	537	No	<i>Eucalyptus camaldulensis</i>	5	350698.8	6701013
T123	Yes	10	301	No	<i>Eucalyptus accedens</i>	5	350702.2	6700993
T124	Yes	10	507	No	<i>Eucalyptus accedens</i>	5	350700.7	6700991
T125	Yes	10	383	No	<i>Eucalyptus camaldulensis</i>	5	350695.6	6700987
T126	Yes	10	561	No	<i>Eucalyptus camaldulensis</i>	5	350687.6	6700980
T127	Yes	10	322	No	<i>Eucalyptus accedens</i>	5	350694.1	6700974
T128	Yes	10	395	No	<i>Eucalyptus sp.</i>	5	350692.7	6700965
T129	Yes	10	355	No	<i>Eucalyptus sp.</i>	5	351320.9	6700540
T13	Yes	10	413	No	<i>Eucalyptus accedens</i>	5	350817	6701768
T130	Yes	10	406	No	<i>Eucalyptus sp.</i>	5	351344	6700527
T131	Yes	10	423	No	<i>Eucalyptus sp.</i>	5	351352.4	6700520
T132	Yes	10	393	No	<i>Eucalyptus sp.</i>	5	351363.6	6700513
T133	Yes	10	462	No	<i>Eucalyptus sp.</i>	5	351373.6	6700509
T134	Yes	10	320	No	<i>Eucalyptus sp.</i>	5	351385.8	6700504
T135	Yes	9	343	No	<i>Eucalyptus drummondii</i>	5	349627.2	6701963
T136	Yes	11	721	No	<i>Eucalyptus camaldulensis</i>	5	350826	6707879
T137	Yes	11	694	No	<i>Eucalyptus camaldulensis</i>	5	350827.5	6707885
T138	Yes	9	450	No	<i>Eucalyptus camaldulensis</i>	5	350728.4	6707815
T139	Yes	9	385	No	<i>Eucalyptus camaldulensis</i>	5	350729.2	6707810
T14	Yes	10	425	Yes	<i>Eucalyptus accedens</i>	3	350807.1	6701764
T140	Yes	9	321	No	<i>Eucalyptus camaldulensis</i>	5	350717.1	6707801

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T141	Yes	9	391	No	<i>Eucalyptus camaldulensis</i>	5	350711	6707797
T142	Yes	9	329	No	<i>Eucalyptus camaldulensis</i>	5	350708.8	6707797
T143	Yes	9	343	No	<i>Eucalyptus camaldulensis</i>	5	350697.8	6707793
T144	Yes	9	384	No	<i>Eucalyptus camaldulensis</i>	5	350693.3	6707792
T146	Yes	17	834	No	<i>Eucalyptus camaldulensis</i>	5	345762.3	6707149
T147	Yes	16	829	Yes	<i>Eucalyptus camaldulensis</i>	3	345825.1	6707146
T148	Yes	16	1110	No	<i>Eucalyptus camaldulensis</i>	5	344407.9	6706826
T149	Yes	16	1130	No	<i>Eucalyptus camaldulensis</i>	5	344433.5	6706836
T15	Yes	11	700	Yes	<i>Eucalyptus sp.</i>	3	350805.9	6701747
T150	Yes	16	474	No	<i>Eucalyptus camaldulensis</i>	5	348251.6	6699843
T151	Yes	16	551	No	<i>Eucalyptus camaldulensis</i>	5	348251.9	6699837
T152	Yes	16	364	No	<i>Eucalyptus camaldulensis</i>	5	348245.9	6699838
T153	Yes	16	344	No	<i>Eucalyptus camaldulensis</i>	5	348236.5	6699839
T154	Yes	16	328	No	<i>Eucalyptus camaldulensis</i>	5	348237.5	6699846
T155	Yes	16	469	No	<i>Eucalyptus camaldulensis</i>	5	348243.6	6699842
T156	Yes	16	320	No	<i>Eucalyptus camaldulensis</i>	5	348245.9	6699845
T157	Yes	16	415	No	<i>Eucalyptus camaldulensis</i>	5	348254.6	6699846
T158	Yes	16	400	No	<i>Eucalyptus camaldulensis</i>	5	348255.4	6699851
T159	Yes	16	390	No	<i>Eucalyptus camaldulensis</i>	5	348258.9	6699863
T16	Yes	9	373	Yes	<i>Eucalyptus sp.</i>	3	350817.9	6701746
T160	Yes	16	425	No	<i>Eucalyptus camaldulensis</i>	5	348246.8	6699872
T161	Yes	16	863	No	<i>Eucalyptus camaldulensis</i>	5	348255	6699883
T162	Yes	16	680	No	<i>Eucalyptus camaldulensis</i>	5	348246	6699879
T163	Yes	16	554	No	<i>Eucalyptus camaldulensis</i>	5	348265.7	6699877
T164	Yes	10	418	No	<i>Eucalyptus camaldulensis</i>	5	344499	6693030
T165	Yes	15	538	No	<i>Eucalyptus camaldulensis</i>	5	344499.2	6693043
T166	Yes	10	357	No	<i>Eucalyptus camaldulensis</i>	5	344500.7	6693046

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T167	Yes	10	311	No	<i>Eucalyptus camaldulensis</i>	5	344500.5	6693052
T168	Yes	10	505	No	<i>Eucalyptus camaldulensis</i>	5	344540.8	6691895
T169	Yes	10	580	No	<i>Eucalyptus camaldulensis</i>	5	344695.9	6691906
T17	Yes	9	543	No	<i>Eucalyptus sp.</i>	5	350817.7	6701731
T170	Yes	10	601	No	<i>Eucalyptus camaldulensis</i>	5	344711.5	6691907
T171	Yes	10	580	No	<i>Eucalyptus camaldulensis</i>	5	344780.3	6691905
T172	Yes	10	550	No	<i>Eucalyptus camaldulensis</i>	5	344779.2	6691910
T173	Yes	10	608	No	<i>Eucalyptus camaldulensis</i>	5	344817.8	6691905
T174	Yes	10	756	No	<i>Eucalyptus camaldulensis</i>	5	344884.5	6691902
T175	Yes	10	590	No	<i>Eucalyptus camaldulensis</i>	5	344985.7	6691902
T176	Yes	10	572	No	<i>Eucalyptus camaldulensis</i>	5	344997.4	6691912
T177	Yes	10	525	No	<i>Eucalyptus camaldulensis</i>	5	345029.2	6691914
T178	Yes	10	598	No	<i>Eucalyptus camaldulensis</i>	5	345117	6691919
T179	Yes	10	580	No	<i>Eucalyptus camaldulensis</i>	5	345388.2	6691921
T18	Yes	9	340	Yes	<i>Eucalyptus sp.</i>	3	350819.8	6701713
T180	Yes	10	522	No	<i>Eucalyptus camaldulensis</i>	5	345399.4	6691918
T181	Yes	10	623	No	<i>Eucalyptus camaldulensis</i>	5	345441.5	6691920
T182	Yes	10	586	No	<i>Eucalyptus camaldulensis</i>	5	345483.8	6691917
T183	Yes	10	539	No	<i>Eucalyptus camaldulensis</i>	5	345608.7	6691919
T184	Yes	10	610	No	<i>Eucalyptus sp.</i>	5	346049.3	6691929
T185	Yes	10	521	No	<i>Eucalyptus sp.</i>	5	346114.9	6691929
T186	Yes	10	565	No	<i>Eucalyptus sp.</i>	5	346269.9	6691932
T187	Yes	20	1338	No	<i>Eucalyptus camaldulensis</i>	5	346638.7	6691950
T188	Yes	10	486	No	<i>Eucalyptus accedens</i>	5	349978	6690610
T189	Yes	10	440	Yes	<i>Eucalyptus accedens</i>	3	349997.5	6690275
T19	Yes	9	468	No	<i>Eucalyptus sp.</i>	5	350817.6	6701704
T190	Yes	14	860	Yes	<i>Eucalyptus accedens</i>	3	350019.3	6690190

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T191	Yes	10	389	No	<i>Eucalyptus accedens</i>	5	350017.6	6690174
T192	Yes	5	461	Yes	<i>Eucalyptus accedens</i>	3	350018	6690171
T193	Yes	10	338	Yes	<i>Eucalyptus accedens</i>	3	350022	6690167
T194	Yes	18	804	No	<i>Eucalyptus camaldulensis</i>	5	347331.3	6690850
T195	Yes	8	556	No	<i>Eucalyptus todtiana</i>	5	346744.5	6705762
T196	Yes	8	619	No	<i>Eucalyptus todtiana</i>	5	346768.5	6705758
T197	Yes	8	542	No	<i>Eucalyptus todtiana</i>	5	346969.3	6705804
T198	Yes	6	727	No	<i>Eucalyptus todtiana</i>	5	346440.9	6705109
T199	Yes	5	701	No	<i>Eucalyptus todtiana</i>	5	346441.9	6705091
T20	Yes	10	580	No	<i>Eucalyptus camaldulensis</i>	5	350818.5	6701694
T200	Yes	16	647	No	<i>Eucalyptus</i> sp.	5	346589.3	6704641
T201	Yes	16	571	No	<i>Eucalyptus</i> sp.	5	346586.2	6704451
T202	Yes	16	1300	No	<i>Eucalyptus camaldulensis</i>	5	346609.5	6704429
T203	Yes	16	809	No	<i>Eucalyptus camaldulensis</i>	5	346615.9	6704410
T204	Yes	16	941	No	<i>Eucalyptus gomphocephala</i>	5	346620.1	6704359
T205	Yes	18	957	No	<i>Eucalyptus camaldulensis</i>	5	346615.3	6704353
T206	Yes	16	623	No	<i>Eucalyptus gomphocephala</i>	5	346618.4	6704329
T207	Yes	16	634	No	<i>Eucalyptus camaldulensis</i>	5	346617.8	6704321
T208	Yes	16	840	No	<i>Eucalyptus gomphocephala</i>	5	346620.1	6704316
T209	Yes	16	1123	No	<i>Eucalyptus camaldulensis</i>	5	346619.1	6704309
T21	Yes	10	333	No	<i>Eucalyptus accedens</i>	5	350806.9	6701695
T210	Yes	6	519	No	<i>Eucalyptus todtiana</i>	5	346626.1	6704250
T211	Yes	4	500	No	<i>Eucalyptus todtiana</i>	5	346604.4	6704214
T212	Yes	10	426	No	<i>Eucalyptus accedens</i>	5	345965.7	6704465
T213	Yes	8	409	No	<i>Eucalyptus accedens</i>	5	345988.2	6704467
T215	Yes	10	407	No	<i>Eucalyptus</i> sp.	5	350312	6700691

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T216	Yes	10	460	No	<i>Eucalyptus accedens</i>	5	350308.3	6700684
T217	Yes	10	519	No	<i>Eucalyptus</i> sp.	5	350304	6700687
T218	Yes	10	469	No	<i>Eucalyptus</i> sp.	5	345764.2	6690641
T219	Yes	10	361	No	<i>Eucalyptus</i> sp.	5	345758.3	6690626
T22	Yes	10	360	No	<i>Eucalyptus accedens</i>	5	350805.9	6701684
T220	Yes	10	444	No	<i>Eucalyptus</i> sp.	5	345749.9	6690628
T221	Yes	10	435	No	<i>Eucalyptus</i> sp.	5	345747.1	6690627
T222	Yes	10	548	No	<i>Eucalyptus</i> sp.	5	345742.2	6690625
T223	Yes	10	429	No	<i>Eucalyptus</i> sp.	5	345748.5	6690632
T223	Yes	10	410	No	<i>Eucalyptus</i> sp.	5	345752.8	6690641
T225	Yes	10	526	No	<i>Eucalyptus</i> sp.	5	345752	6690643
T226	Yes	8	574	No	<i>Eucalyptus todtiana</i>	5	348361.2	6701448
T227	Yes	9	303	No	<i>Eucalyptus</i> sp.	5	350290.6	6700683
T228	Yes	12	342	No	<i>Eucalyptus accedens</i>	5	350277.5	6700666
T229	Yes	12	394	No	<i>Eucalyptus accedens</i>	5	350266.4	6700662
T23	Yes	10	460	No	<i>Eucalyptus accedens</i>	5	350805.5	6701675
T230	Yes	12	430	No	<i>Eucalyptus accedens</i>	5	350256.9	6700660
T231	Yes	12	452	Yes	<i>Eucalyptus accedens</i>	3	350248.6	6700656
T232	Yes	12	336	No	<i>Eucalyptus accedens</i>	5	350240	6700660
T233	Yes	12	421	No	<i>Eucalyptus camaldulensis</i>	5	350236.4	6700659
T234	Yes	12	520	No	<i>Eucalyptus camaldulensis</i>	5	350233.1	6700656
T235	Yes	5	608	No	<i>Eucalyptus todtiana</i>	5	351277.7	6698448
T236	Yes	7	620	No	<i>Eucalyptus todtiana</i>	5	352255.4	6697607
T237	Yes	7	640	No	<i>Eucalyptus todtiana</i>	5	352257.8	6697612
T238	Yes	11	509	No	<i>Eucalyptus camaldulensis</i>	5	350805.7	6701708
T239	Yes	10	604	No	<i>Eucalyptus camaldulensis</i>	5	347325.9	6691321
T24	Yes	11	552	No	<i>Eucalyptus camaldulensis</i>	5	350804.6	6701658

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T240	Yes	10	314	No	<i>Eucalyptus camaldulensis</i>	5	347326.1	6691326
T241	Yes	10	342	No	<i>Eucalyptus camaldulensis</i>	5	347332.9	6691326
T242	Yes	10	335	No	<i>Eucalyptus camaldulensis</i>	5	347383.1	6691359
T243	Yes	10	399	No	<i>Eucalyptus camaldulensis</i>	5	347389	6691361
T244	Yes	10	529	No	<i>Eucalyptus camaldulensis</i>	5	347398.8	6691392
T245	Yes	12	447	No	<i>Eucalyptus camaldulensis</i>	5	347402.5	6691393
T246	Yes	10	347	No	<i>Eucalyptus camaldulensis</i>	5	347408	6691406
T247	Yes	10	382	No	<i>Eucalyptus camaldulensis</i>	5	347418.5	6691408
T248	Yes	10	351	No	<i>Eucalyptus camaldulensis</i>	5	347437.6	6691407
T249	Yes	10	408	No	<i>Eucalyptus camaldulensis</i>	5	347440.2	6691395
T25	Yes	11	343	No	<i>Eucalyptus</i> sp.	5	350817.8	6701651
T250	Yes	10	554	No	<i>Eucalyptus camaldulensis</i>	5	347442.9	6691382
T251	Yes	10	374	No	<i>Eucalyptus camaldulensis</i>	5	347442.1	6691376
T252	Yes	10	414	No	<i>Eucalyptus camaldulensis</i>	5	347425.1	6691381
T253	Yes	10	315	No	<i>Eucalyptus camaldulensis</i>	5	347447.8	6691364
T254	Yes	10	384	No	<i>Eucalyptus camaldulensis</i>	5	347450	6691363
T255	Yes	10	645	No	<i>Eucalyptus gomphocephala</i>	5	347445.4	6691358
T256	Yes	10	616	No	<i>Eucalyptus camaldulensis</i>	5	347459.3	6691348
T257	Yes	12	762	No	<i>Eucalyptus camaldulensis</i>	5	347466.4	6691351
T258	Yes	9	358	No	<i>Eucalyptus camaldulensis</i>	5	347436.8	6691341
T259	Yes	9	312	No	<i>Eucalyptus camaldulensis</i>	5	347433.8	6691335
T26	Yes	11	530	Yes	<i>Eucalyptus accedens</i>	3	350805.3	6701646
T260	Yes	9	351	No	<i>Eucalyptus camaldulensis</i>	5	347423.2	6691327
T261	Yes	9	399	No	<i>Eucalyptus camaldulensis</i>	5	347419.4	6691325
T261	Yes	9	399	No	<i>Eucalyptus camaldulensis</i>	5	347387.4	6691321
T263	Yes	9	342	No	<i>Eucalyptus camaldulensis</i>	5	347386.1	6691318

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T264	Yes	9	521	No	<i>Eucalyptus camaldulensis</i>	5	347384.2	6691320
T265	Yes	9	590	No	<i>Eucalyptus gomphocephala</i>	5	347419.7	6691357
T266	Yes	9	300	No	<i>Eucalyptus camaldulensis</i>	5	347390.3	6691350
T267	Yes	9	350	No	<i>Eucalyptus camaldulensis</i>	5	347379.7	6691344
T268	Yes	9	369	No	<i>Eucalyptus sp.</i>	5	347327.7	6689727
T269	Yes	11	503	No	<i>Eucalyptus gomphocephala</i>	5	347332.1	6689709
T27	Yes	10	409	No	<i>Eucalyptus sp.</i>	5	350806.6	6701627
T270	Yes	11	401	No	<i>Eucalyptus sp.</i>	5	347325.5	6689745
T271	Yes	8	320	No	<i>Eucalyptus sp.</i>	5	347330.8	6689774
T272	Yes	9	348	No	<i>Eucalyptus camaldulensis</i>	5	347332	6689793
T273	Yes	9	467	No	<i>Eucalyptus camaldulensis</i>	5	347325.8	6689803
T274	Yes	11	478	No	<i>Eucalyptus gomphocephala</i>	5	347322.6	6689858
T275	Yes	8	421	No	<i>Eucalyptus camaldulensis</i>	5	347329.4	6689865
T276	Yes	8	460	No	<i>Eucalyptus camaldulensis</i>	5	347119.5	6689643
T277	Yes	5	610	No	<i>Eucalyptus todtiana</i>	5	349871.7	6693504
T278	Yes	8	413	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346740	6703156
T279	Yes	8	375	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346732.3	6703165
T28	Yes	9	311	No	<i>Eucalyptus sp.</i>	5	350806.2	6701609
T280	Yes	8	347	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346725.3	6703197
T281	Yes	8	321	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346715	6703238

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T282	Yes	9	394	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346713.4	6703246
T283	Yes	9	301	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346712.6	6703270
T284	Yes	9	322	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346710.6	6703289
T285	Yes	10	449	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346708.6	6703327
T286	Yes	9	381	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346722.7	6703349
T287	Yes	9	385	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346727.8	6703339
T288	Yes	9	318	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346725.9	6703335
T289	Yes	9	466	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346732	6703303
T29	Yes	10	423	No	<i>Eucalyptus camaldulensis</i>	5	350801.1	6701576
T290	Yes	9	397	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346749.3	6703182
T291	Yes	9	456	No	<i>Eucalyptus</i> sp.	5	347333.4	6689447
T292	Yes	9	440	Yes	<i>Eucalyptus accedens</i>	3	346738.8	6703161
T293	Yes	9	326	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346689.9	6703455
T294	Yes	9	528	Yes	<i>Eucalyptus accedens</i>	3	346678.8	6703471
T295	Yes	9	355	No	<i>Eucalyptus accedens</i>	5	346687.6	6703466
T296	Yes	9	372	Yes	<i>Eucalyptus accedens</i>	5	346684.3	6703474

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T297	Yes	9	359	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346687.5	6703481
T298	Yes	9	377	Yes	<i>Eucalyptus accedens</i>	3	346698.8	6703480
T299	Yes	9	482	Yes	<i>Eucalyptus accedens</i>	3	346699.8	6703484
T30	Yes	10	420	No	<i>Eucalyptus camaldulensis</i>	5	350800.6	6701553
T300	Yes	10	333	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346683.8	6703495
T301	Yes	8	493	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346681.8	6703499
T302	Yes	9	392	Yes	<i>Eucalyptus accedens</i>	5	346683.9	6703506
T303	Yes	9	382	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	2	346678.5	6703513
T304	Yes	9	560	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346675	6703526
T305	No	3	507	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346678.5	6703535
T306	Yes	10	381	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346679.5	6703540
T307	Yes	10	382	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346682.2	6703570
T308	Yes	7	403	Yes	<i>Eucalyptus accedens</i>	3	346685.6	6703583
T309	Yes	8	328	Yes	<i>Eucalyptus accedens</i>	3	346687.2	6703591
T31	Yes	10	560	No	<i>Eucalyptus camaldulensis</i>	5	350798.8	6701544
T310	Yes	9	528	Yes	<i>Eucalyptus accedens</i>	3	346688	6703600
T311	Yes	7	336	Yes	<i>Eucalyptus accedens</i>	5	346674.3	6703607
T312	Yes	8	307	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346691	6703563

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T313	Yes	8	482	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346696	6703549
T314	Yes	8	415	Yes	<i>Eucalyptus accedens</i>	5	346696.5	6703539
T315	Yes	8	376	No	<i>Eucalyptus accedens</i>	5	346674.9	6703622
T316	Yes	8	314	Yes	<i>Eucalyptus accedens</i>	5	346667.1	6703624
T317	Yes	8	487	No	<i>Eucalyptus accedens</i>	5	346670.1	6703648
T318	Yes	8	382	Yes	<i>Eucalyptus accedens</i>	5	346668.8	6703654
T319	Yes	8	322	No	<i>Eucalyptus accedens</i>	5	346669.1	6703660
T32	Yes	10	466	No	<i>Eucalyptus camaldulensis</i>	5	350797.2	6701522
T320	Yes	8	326	No	<i>Eucalyptus accedens</i>	5	346666.4	6703667
T321	Yes	8	337	No	<i>Eucalyptus accedens</i>	5	346663.4	6703678
T322	Yes	8	392	No	<i>Eucalyptus accedens</i>	5	346662	6703687
T323	Yes	8	401	No	<i>Eucalyptus accedens</i>	5	346665.9	6703700
T324	Yes	8	345	No	<i>Eucalyptus accedens</i>	5	346667.4	6703715
T325	Yes	8	456	No	<i>Eucalyptus accedens</i>	5	346666.4	6703726
T326	Yes	9	983	No	<i>Eucalyptus accedens</i>	5	346663.7	6703739
T327	Yes	9	548	Yes	<i>Eucalyptus accedens</i>	3	346656.5	6703781
T328	Yes	8	301	Yes	<i>Eucalyptus accedens</i>	3	346654.8	6703788
T329	Yes	8	440	Yes	<i>Eucalyptus accedens</i>	3	346632.7	6703860
T33	Yes	10	398	No	<i>Eucalyptus camaldulensis</i>	5	350796.8	6701519
T330	Yes	10	655	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346630	6703876
T331	Yes	9	484	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346628.1	6703880
T332	Yes	9	304	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346629.1	6703888

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T333	Yes	9	412	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346624.4	6703921
T334	Yes	9	330	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346629.5	6703930
T335	Yes	9	490	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346624.4	6703935
T336	Yes	8	308	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346622.9	6703965
T337	Yes	8	424	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346621.2	6703998
T338	Yes	8	348	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346608.7	6704086
T339	Yes	7	344	No	<i>Eucalyptus accedens</i>	5	346632	6704128
T34	Yes	10	459	No	<i>Eucalyptus camaldulensis</i>	5	350800.1	6701514
T340	Yes	7	323	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346628.6	6704089
T341	Yes	7	317	No	<i>Eucalyptus accedens</i>	5	346632.8	6704084
T342	Yes	7	402	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346629.8	6704075
T343	Yes	7	469	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346631.5	6704073
T344	Yes	7	319	No	<i>Eucalyptus accedens</i>	5	346637.3	6703996
T345	Yes	8	412	No	<i>Eucalyptus accedens</i>	5	346639.5	6703955
T346	Yes	8	408	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	346647.8	6703928
T347	No	5	311	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346650.4	6703888

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T348	No	5	347	Yes	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	3	346649.3	6703883
T349	Yes	10	451	No	<i>Eucalyptus</i> sp.	5	351303.8	6700549
T35	Yes	10	450	No	<i>Eucalyptus accedens</i>	5	350805.3	6701499
T350	Yes	10	343	No	<i>Eucalyptus</i> sp.	5	351311.2	6700545
T351	Yes	16	648	No	<i>Eucalyptus camaldulensis</i>	5	345725.2	6707146
T352	Yes	10	525	No	<i>Eucalyptus camaldulensis</i>	5	344452.8	6706838
T353	Yes	16	830	No	<i>Eucalyptus camaldulensis</i>	5	344467.3	6706849
T354	Yes	16	627	No	<i>Eucalyptus</i> sp.	5	332549	6700461
T355	Yes	16	645	No	<i>Eucalyptus</i> sp.	5	332545.1	6700463
T356	Yes	16	742	No	<i>Eucalyptus</i> sp.	5	332528.4	6700451
T357	Yes	6	530	No	<i>Eucalyptus todtiana</i>	5	344829.1	6692821
T357	Yes	9	838	No	<i>Eucalyptus camaldulensis</i>	5	350564.8	6707771
T358	Yes	7	500	No	<i>Eucalyptus todtiana</i>	5	345493.3	6692549
T359	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	345445.2	6692712
T36	Yes	10	520	No	<i>Eucalyptus camaldulensis</i>	5	350797.1	6701496
T360	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	346499.7	6692232
T361	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	351847.6	6704228
T362	Yes	7	350	No	<i>Eucalyptus accedens</i>	5	352718.3	6689715
T363	Yes	7	300	No	<i>Eucalyptus accedens</i>	5	352710.1	6689694
T364	Yes	6	520	No	<i>Eucalyptus todtiana</i>	5	351650.1	6690815
T365	Yes	0	300	No	<i>Eucalyptus accedens</i>	5	353758.5	6691578
T366	Yes	4	500	No	<i>Eucalyptus todtiana</i>	5	352149.2	6690798
T367	Yes	4	500	No	<i>Eucalyptus todtiana</i>	5	352269.9	6690731
T368	Yes	6	250	No	<i>Eucalyptus todtiana</i>	5	352568.2	6689763
T369	Yes	7	800	No	<i>Eucalyptus todtiana</i>	5	352546.1	6690250
T37	Yes	10	556	Yes	<i>Eucalyptus camaldulensis</i>	3	350797.8	6701488

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T370	Yes	6	500	No	<i>Eucalyptus todtiana</i>	5	352487.3	6690428
T371	Yes	5	530	No	<i>Eucalyptus todtiana</i>	5	352400.1	6690451
T372	Yes	5	600	Yes	<i>Eucalyptus todtiana</i>	4	352463.1	6690741
T373	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	352578.3	6690615
T374	Yes	6	520	No	<i>Eucalyptus todtiana</i>	5	352757	6690644
T375	Yes	4	500	No	<i>Eucalyptus todtiana</i>	5	352642.6	6690434
T376	Yes	6	575	No	<i>Eucalyptus todtiana</i>	5	352506.1	6690509
T377	Yes	6	550	No	<i>Eucalyptus todtiana</i>	5	352554.1	6690429
T378	Yes	5	650	No	<i>Eucalyptus todtiana</i>	5	352626.5	6690259
T379	Yes	6	500	No	<i>Eucalyptus todtiana</i>	5	352900.5	6689749
T38	Yes	10	543	Yes	<i>Eucalyptus camaldulensis</i>	3	350794.4	6701484
T380	Yes	5	350	No	<i>Eucalyptus accedens</i>	5	352744.3	6689717
T381	Yes	5	300	No	<i>Eucalyptus accedens</i>	5	352729.6	6689718
T382	Yes	5	350	No	<i>Eucalyptus accedens</i>	5	352720.7	6689718
T383	Yes	5	320	No	<i>Eucalyptus accedens</i>	5	352703.9	6689715
T384	Yes	6	320	No	<i>Eucalyptus accedens</i>	5	352726.8	6689739
T385	Yes	4	500	No	<i>Eucalyptus todtiana</i>	5	352623.5	6689860
T386	Yes	6	600	No	<i>Eucalyptus todtiana</i>	5	352463.3	6690212
T387	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	352381.3	6690377
T388	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	352379	6690099
T389	Yes	6	600	No	<i>Eucalyptus todtiana</i>	5	351662.5	6690651
T39	Yes	10	521	No	<i>Eucalyptus camaldulensis</i>	5	350793.9	6701480
T390	Yes	5	525	No	<i>Eucalyptus todtiana</i>	5	351753.5	6690770
T391	Yes	6	300	No	<i>Eucalyptus drummondii</i>	5	344579.5	6701897
T392	Yes	6	300	No	<i>Eucalyptus drummondii</i>	5	353052.9	6695111
T393	Yes	7	500	No	<i>Eucalyptus todtiana</i>	5	355430.2	6695735
T394	Yes	5	450	No	<i>Eucalyptus drummondii</i>	5	355320.1	6695782

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T395	Yes	4	550	No	<i>Nuytsia floribunda</i>	5	356460.3	6694869
T396	Yes	6	500	No	<i>Eucalyptus todtiana</i>	5	357184.6	6694319
T397	Yes	4	520	No	<i>Eucalyptus todtiana</i>	5	356741.8	6694502
T398	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	357122	6695525
T399	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	357117.6	6695527
T40	Yes	10	507	No	<i>Eucalyptus camaldulensis</i>	5	350792.2	6701475
T400	Yes	6	500	No	<i>Eucalyptus todtiana</i>	5	356021	6694308
T401	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	353908	6697252
T402	Yes	7	520	No	<i>Eucalyptus todtiana</i>	5	356408	6694504
T403	Yes	5	600	No	<i>Eucalyptus todtiana</i>	5	356733	6694168
T404	Yes	6	500	No	<i>Eucalyptus todtiana</i>	5	357132.5	6695525
T405	Yes	5	300	Yes	<i>Eucalyptus accedens</i>	4	350983.3	6696480
T406	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	348253.9	6696776
T407	Yes	5	520	No	<i>Eucalyptus todtiana</i>	5	348233.2	6696770
T408	Yes	7	500	No	<i>Eucalyptus todtiana</i>	5	348249.5	6696812
T409	Yes	7	500	No	<i>Eucalyptus todtiana</i>	5	348230.9	6696810
T41	Yes	10	470	No	<i>Eucalyptus camaldulensis</i>	5	350791.1	6701470
T410	Yes	6	500	No	<i>Eucalyptus todtiana</i>	5	348413.9	6702938
T411	Yes	0	500	No	<i>Nuytsia floribunda</i>	5	349163.7	6705511
T412	Yes	6	520	No	<i>Eucalyptus todtiana</i>	5	346558.8	6704356
T413	Yes	0	600	No	<i>Eucalyptus todtiana</i>	5	346123.3	6705480
T414	Yes	5	550	No	<i>Eucalyptus todtiana</i>	5	346552.3	6704389
T415	Yes	12	600	No	<i>Eucalyptus camaldulensis</i>	5	346281.5	6703791
T416	Yes	8	500	No	<i>Eucalyptus accedens</i>	5	346213.4	6703791
T417	Yes	5	300	No	<i>Eucalyptus camaldulensis</i>	5	347564.5	6689655
T418	Yes	8	400	No	<i>Eucalyptus camaldulensis</i>	5	347304.5	6691576
T419	Yes	8	300	No	<i>Eucalyptus camaldulensis</i>	5	347296.6	6691622

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T42	Yes	10	451	No	<i>Eucalyptus camaldulensis</i>	5	350791.8	6701466
T420	Yes	8	350	No	<i>Eucalyptus camaldulensis</i>	5	347296	6691638
T421	Yes	8	350	No	<i>Eucalyptus camaldulensis</i>	5	347296.2	6691640
T422	Yes	8	300	No	<i>Eucalyptus camaldulensis</i>	5	347296.5	6691646
T423	Yes	9	400	No	<i>Eucalyptus camaldulensis</i>	5	347296.7	6691668
T424	Yes	8	350	No	<i>Eucalyptus camaldulensis</i>	5	347296.1	6691692
T425	Yes	10	380	No	<i>Eucalyptus camaldulensis</i>	5	347296.4	6691708
T426	Yes	8	300	No	<i>Eucalyptus camaldulensis</i>	5	347304.5	6691708
T427	Yes	10	350	No	<i>Eucalyptus camaldulensis</i>	5	347297.1	6691726
T428	Yes	9	350	No	<i>Eucalyptus camaldulensis</i>	5	347297.3	6691732
T429	Yes	9	300	No	<i>Eucalyptus camaldulensis</i>	5	347297.2	6691735
T43	Yes	10	459	No	<i>Eucalyptus sp.</i>	5	350801	6701461
T430	Yes	8	350	No	<i>Eucalyptus camaldulensis</i>	5	347296.3	6691588
T431	Yes	8	370	No	<i>Eucalyptus camaldulensis</i>	5	347298.6	6691655
T432	Yes	8	330	No	<i>Eucalyptus camaldulensis</i>	5	347295.6	6691661
T433	Yes	7	300	No	<i>Eucalyptus camaldulensis</i>	5	347298.2	6691672
T434	Yes	0	300	No	<i>Eucalyptus camaldulensis</i>	5	347300.4	6691693
T435	Yes	8	300	No	<i>Eucalyptus camaldulensis</i>	5	347300.2	6691726
T436	Yes	7	340	No	<i>Eucalyptus camaldulensis</i>	5	347299	6691574
T437	Yes	10	400	No	<i>Eucalyptus camaldulensis</i>	5	347297.7	6691604
T438	Yes	8	300	No	<i>Eucalyptus camaldulensis</i>	5	347295.9	6691616
T439	Yes	5	500	No	<i>Eucalyptus todtiana</i>	5	353580.1	6690446
T44	Yes	10	559	No	<i>Eucalyptus camaldulensis</i>	5	350790	6701457
T45	Yes	10	350	No	<i>Eucalyptus accedens</i>	5	350800	6701447
T46	Yes	10	394	No	<i>Eucalyptus camaldulensis</i>	5	350792.3	6701444
T47	Yes	10	367	No	<i>Eucalyptus camaldulensis</i>	5	350788	6701438
T48	Yes	10	448	No	<i>Eucalyptus camaldulensis</i>	5	350788.2	6701433

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T49	Yes	10	383	No	<i>Eucalyptus camaldulensis</i>	5	350786.1	6701429
T50	Yes	10	433	No	<i>Eucalyptus camaldulensis</i>	5	350787.4	6701424
T51	Yes	10	325	No	<i>Eucalyptus camaldulensis</i>	5	350785.9	6701419
T52	Yes	10	509	No	<i>Eucalyptus camaldulensis</i>	5	350785.7	6701414
T53	Yes	10	435	No	<i>Eucalyptus camaldulensis</i>	5	350785.2	6701404
T54	Yes	10	397	No	<i>Eucalyptus camaldulensis</i>	5	350784.9	6701400
T55	Yes	10	435	No	<i>Eucalyptus camaldulensis</i>	5	350783.2	6701394
T56	Yes	10	630	No	<i>Eucalyptus camaldulensis</i>	5	350783	6701384
T57	Yes	10	462	No	<i>Eucalyptus sp.</i>	5	350792.6	6701381
T58	Yes	10	394	No	<i>Eucalyptus camaldulensis</i>	5	350782.8	6701373
T59	Yes	10	473	No	<i>Eucalyptus camaldulensis</i>	5	350782.2	6701369
T60	Yes	10	408	No	<i>Eucalyptus camaldulensis</i>	5	350782.3	6701364
T61	Yes	10	374	No	<i>Eucalyptus camaldulensis</i>	5	350781.3	6701355
T62	Yes	10	373	No	<i>Eucalyptus accedens</i>	5	350792.2	6701357
T63	Yes	10	512	No	<i>Eucalyptus camaldulensis</i>	5	350780.7	6701351
T64	Yes	10	330	No	<i>Eucalyptus camaldulensis</i>	5	350780.3	6701348
T65	Yes	10	338	No	<i>Eucalyptus camaldulensis</i>	5	350780	6701342
T66	Yes	10	341	No	<i>Eucalyptus camaldulensis</i>	5	350779.8	6701337
T67	Yes	10	542	No	<i>Eucalyptus camaldulensis</i>	5	350779	6701334
T68	Yes	10	384	No	<i>Eucalyptus sp.</i>	5	350788.4	6701318
T69	Yes	10	498	No	<i>Eucalyptus camaldulensis</i>	5	350780	6701306
T70	Yes	10	384	No	<i>Eucalyptus accedens</i>	5	350776.2	6701298
T71	Yes	10	411	No	<i>Eucalyptus camaldulensis</i>	5	350775.2	6701293
T72	Yes	10	387	No	<i>Eucalyptus camaldulensis</i>	5	350774.4	6701289
T73	Yes	10	489	No	<i>Eucalyptus sp.</i>	5	350786	6701289
T74	Yes	10	343	No	<i>Eucalyptus camaldulensis</i>	5	350774.1	6701287
T75	Yes	10	489	No	<i>Eucalyptus camaldulensis</i>	5	350768.9	6701253

Tree ID	Tree Alive	Tree Height	Tree DBH	Hollow Presence	Tree Species	Bamford Rank	Easting	Northing
T76	Yes	10	301	No	<i>Eucalyptus wandoo</i> subsp. <i>pulverea</i>	5	350768.7	6701248
T77	Yes	10	410	No	<i>Eucalyptus camaldulensis</i>	5	350768.1	6701243
T78	Yes	10	455	No	<i>Eucalyptus camaldulensis</i>	5	350767.2	6701238
T79	Yes	10	395	No	<i>Eucalyptus camaldulensis</i>	5	350766.2	6701232
T80	Yes	10	580	No	<i>Eucalyptus camaldulensis</i>	5	350764.7	6701226
T81	Yes	10	419	No	<i>Eucalyptus camaldulensis</i>	5	350764.6	6701220
T82	Yes	10	430	No	<i>Eucalyptus camaldulensis</i>	5	350764	6701214
T83	Yes	10	512	No	<i>Eucalyptus camaldulensis</i>	5	350762.8	6701204
T84	Yes	10	430	No	<i>Eucalyptus camaldulensis</i>	5	350761.3	6701193
T85	Yes	10	343	No	<i>Eucalyptus camaldulensis</i>	5	350760.3	6701185
T86	Yes	10	480	No	<i>Eucalyptus camaldulensis</i>	5	350759.5	6701182
T87	Yes	10	405	No	<i>Eucalyptus camaldulensis</i>	5	350758.1	6701176
T88	Yes	10	393	No	<i>Eucalyptus camaldulensis</i>	5	350755	6701172
T89	Yes	10	493	No	<i>Eucalyptus camaldulensis</i>	5	350753.3	6701163
T90	Yes	10	405	No	<i>Eucalyptus camaldulensis</i>	5	350752.3	6701158
T91	Yes	10	342	No	<i>Eucalyptus camaldulensis</i>	5	350749.4	6701151
T92	Yes	10	507	No	<i>Eucalyptus camaldulensis</i>	5	350748.4	6701146
T93	Yes	10	319	No	<i>Eucalyptus camaldulensis</i>	5	350746.8	6701139
T94	Yes	10	395	No	<i>Eucalyptus accedens</i>	5	350753.9	6701121
T95	Yes	10	398	No	<i>Eucalyptus</i> sp.	5	350746.4	6701124
T95	Yes	10	406	No	<i>Eucalyptus</i> sp.	5	350754.6	6701114
T97	Yes	10	410	No	<i>Eucalyptus accedens</i>	5	350747.5	6701119
T98	Yes	10	309	No	<i>Eucalyptus camaldulensis</i>	5	350748.2	6701113
T99	Yes	10	308	No	<i>Eucalyptus camaldulensis</i>	5	350744.1	6701112

Data presented in GDA2020, Zone 50.

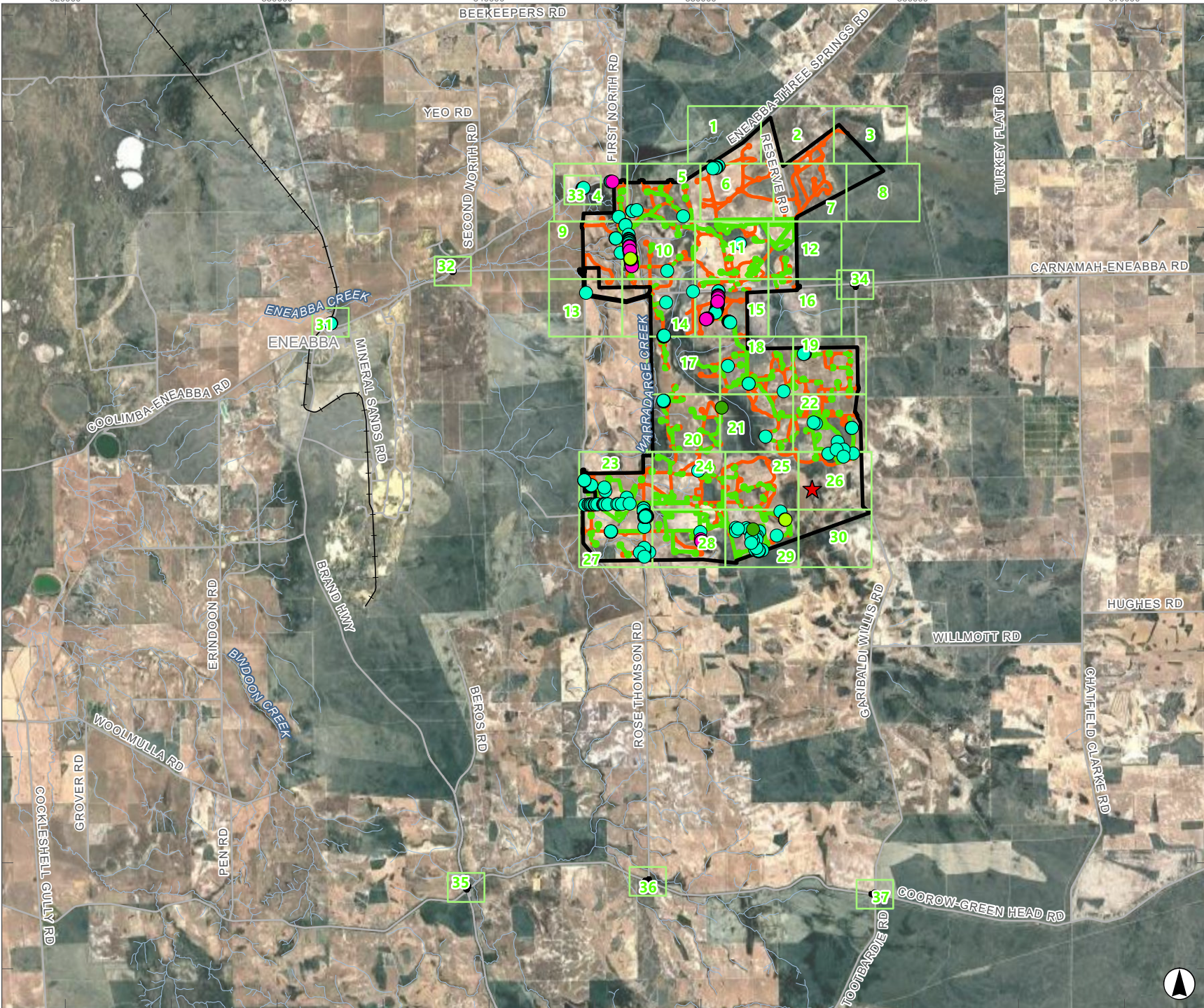
Appendix B

Detailed FHQS Mapping



C:\Users\SJefferys\Umwelt (AUSTRALIA) PTY. LTD\24316 - 03 88V02 - Projects\24316_R011_SolarField\Drill_Survey\Assessment_v2.aprx

320000 330000 340000 350000 360000 370000



APPENDIX B

Detailed FHQS Mapping – Overview

Legend

- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse
- Confirmed Breeding Tree

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2



Scale 1:250,000 at A4
GDA2020 MGA Zone 50

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APPENDIX B

Detailed FHQS Mapping – Sheet 1

Legend

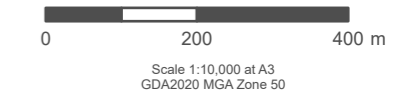
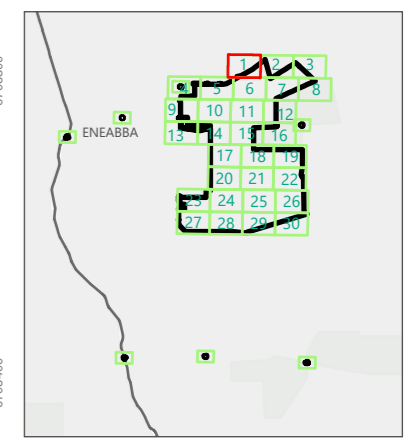
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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353200 353600 354000 354400 354800 355200 355600 356000



APPENDIX B

Detailed FHQS Mapping – Sheet 2

Legend

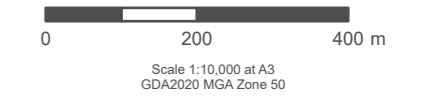
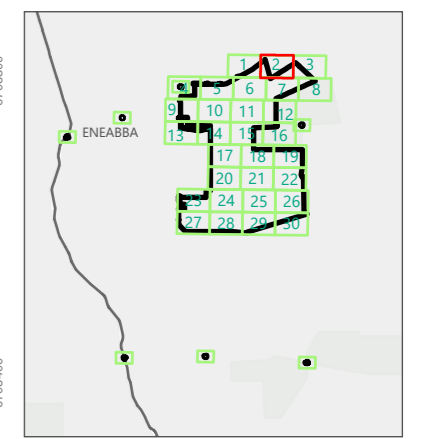
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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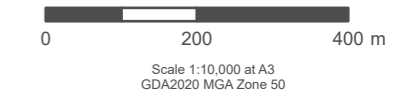
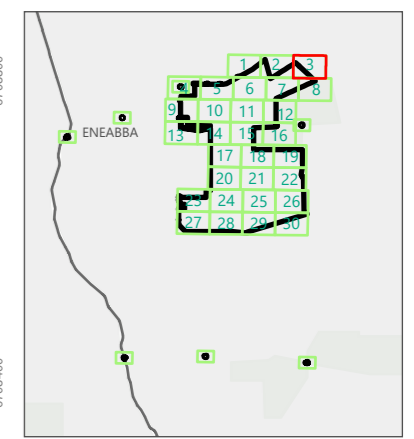




APPENDIX B

Detailed FHQS Mapping – Sheet 3

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping –
Sheet 4

Legend

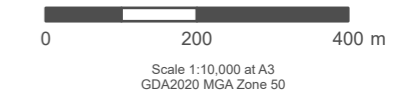
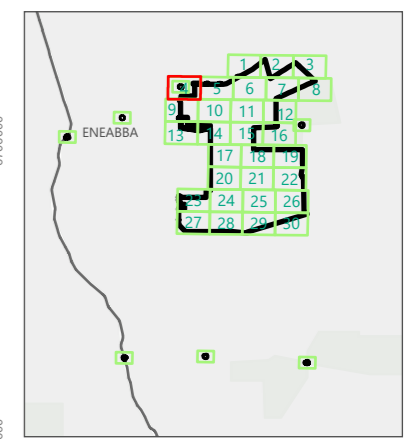
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

**Black-Cockatoo Nest-trees
(Bamford Ranking)**

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping – Sheet 5

Legend

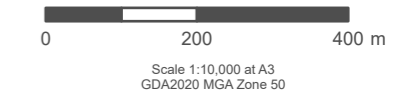
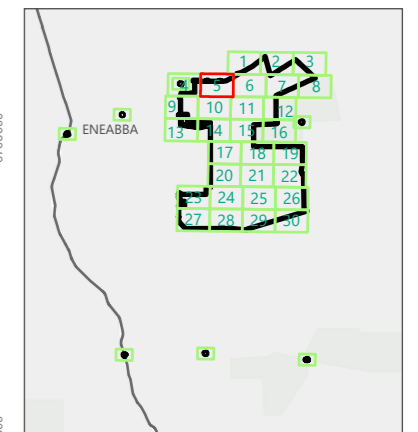
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping –
Sheet 6

Legend

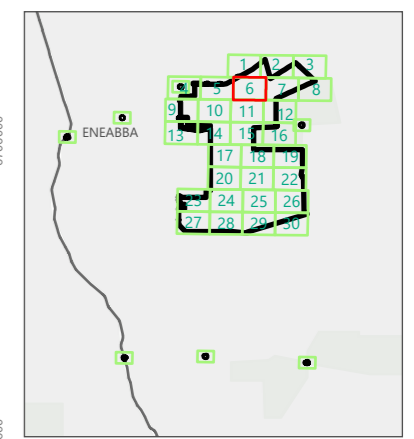
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value









Scale 1:10,000 at A3
 GDA2020 MGA Zone 50

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APPENDIX B

Detailed FHQS Mapping – Sheet 7







Legend

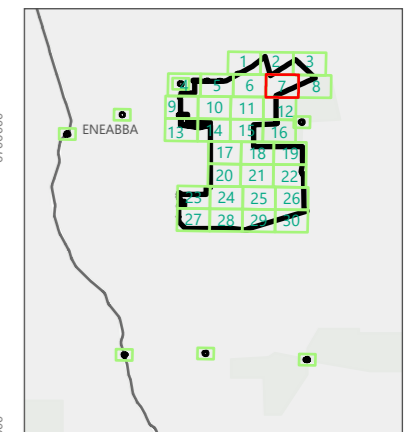
-  Basic Fauna Survey Area (Basic FSA)
-  Targeted Fauna Survey Area (Targeted FSA)
-  Additional Survey Areas
-  Road
-  Railway
-  Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

-  5
-  4
-  3
-  2

BCE Foraging Habitat Quality Score

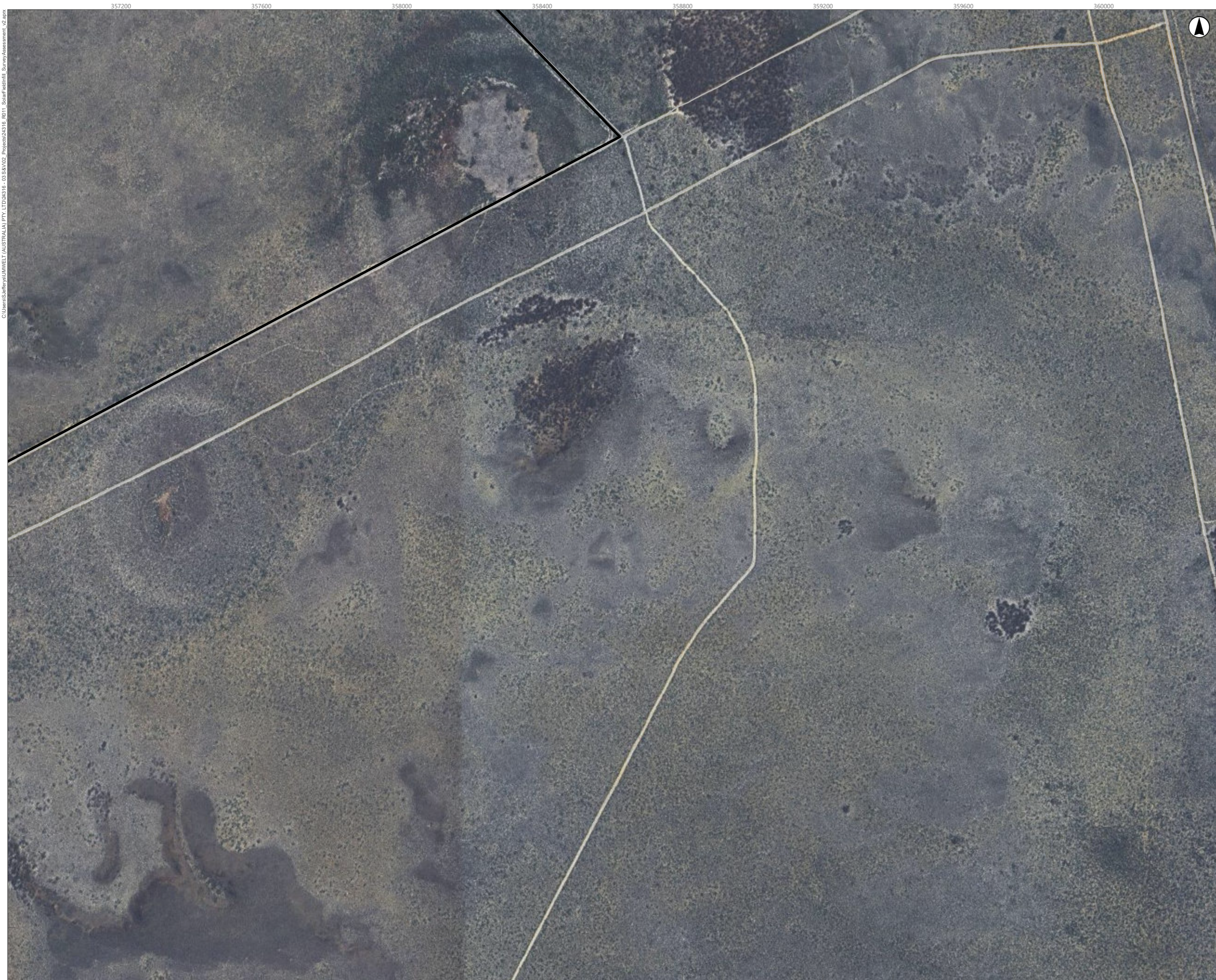
-  5 Moderate to High Foraging Value
-  4 Moderate Foraging Value
-  3 Low to Moderate Foraging Value
-  2 Low Foraging Value
-  1 Negligible to Low Foraging Value
-  0 No Foraging Value



Scale 1:10,000 at A3
GDA2020 MGA Zone 50

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APPENDIX B

Detailed FHQS Mapping – Sheet 8

Legend

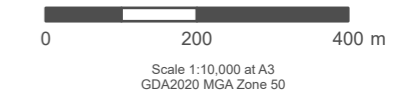
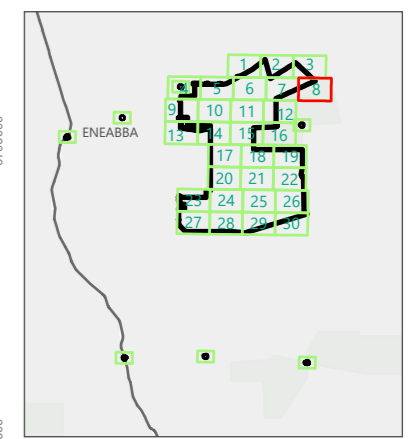
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



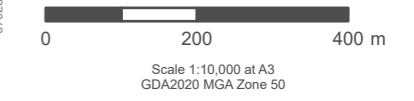
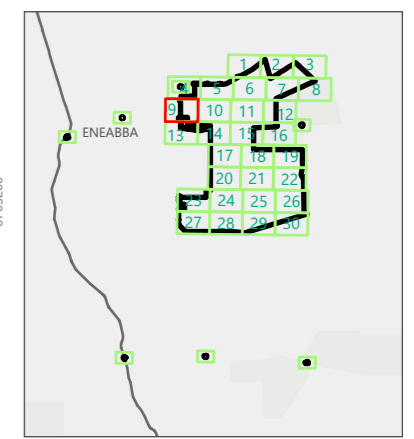
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APPENDIX B Detailed FHQS Mapping – Sheet 9

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping –
Sheet 10

Legend

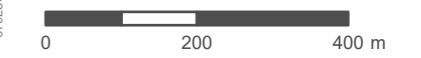
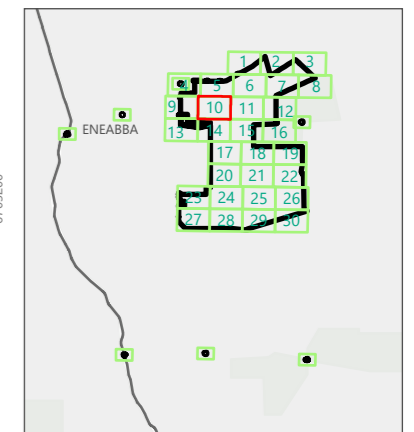
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees
(Bamford Ranking)

- 5
- 4
- 3
- 2

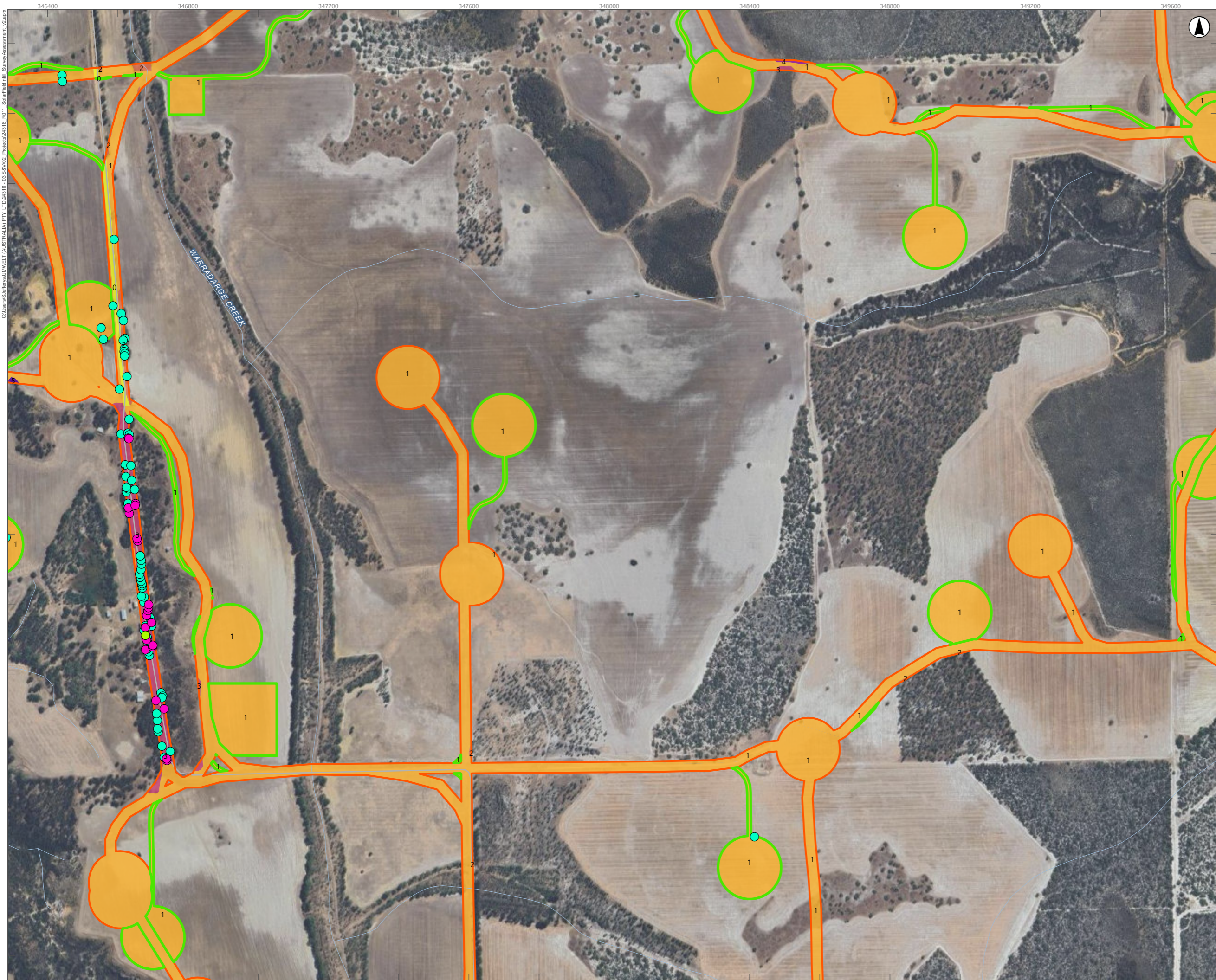
BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



Scale 1:10,000 at A3
 GDA2020 MGA Zone 50

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APPENDIX B
Detailed FHQS Mapping –
Sheet 11



Legend

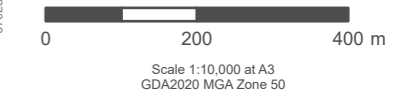
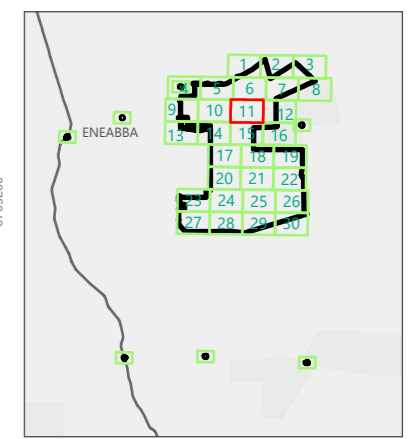
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping – Sheet 12

Legend

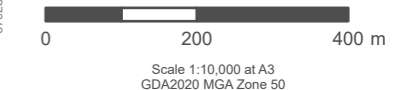
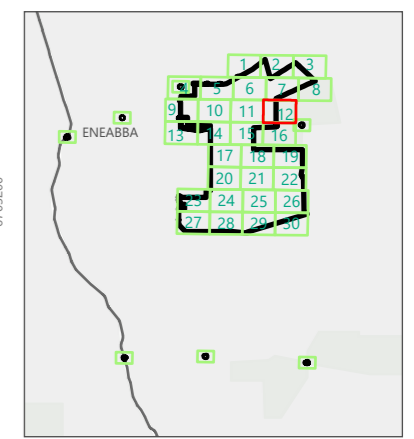
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

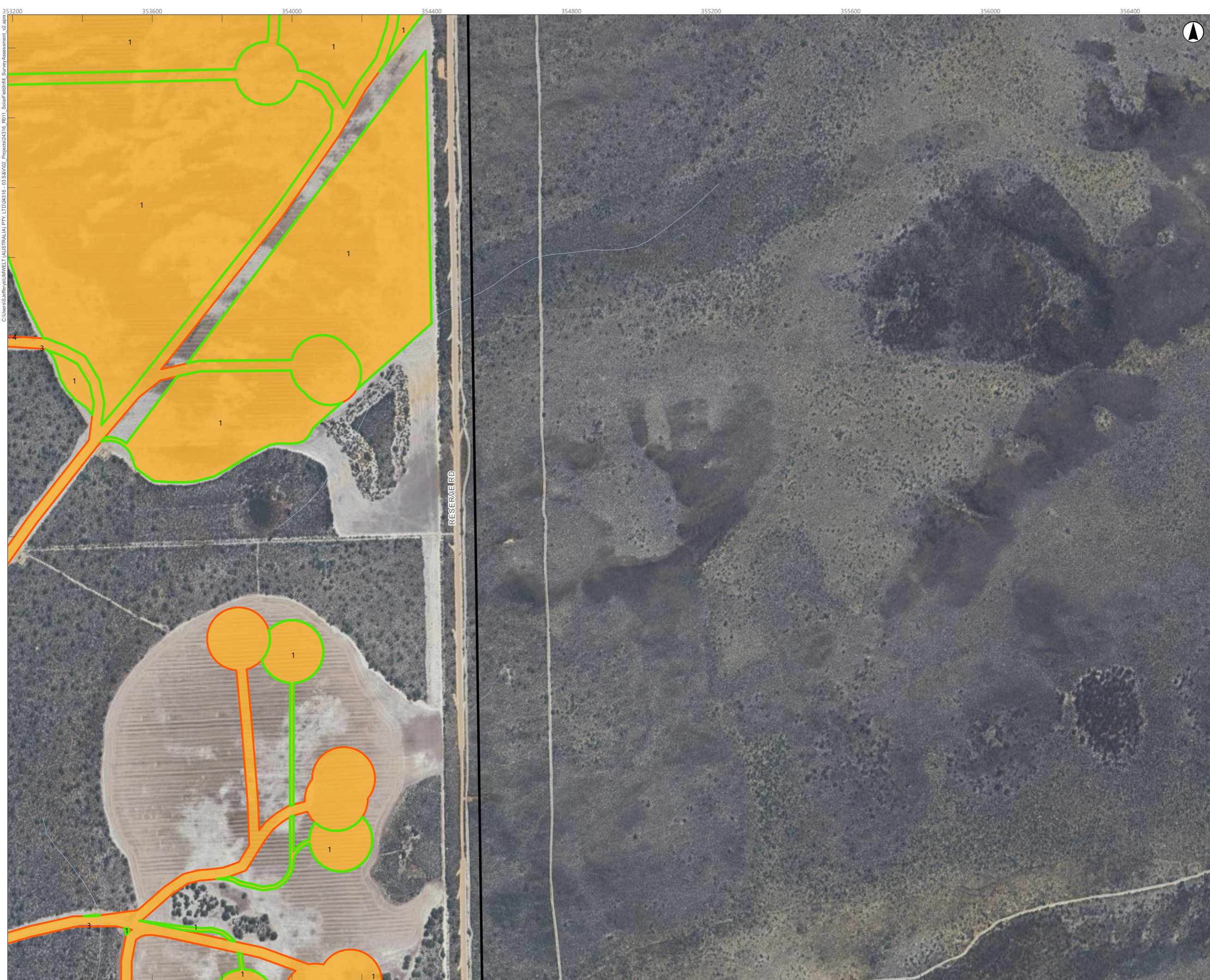
- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

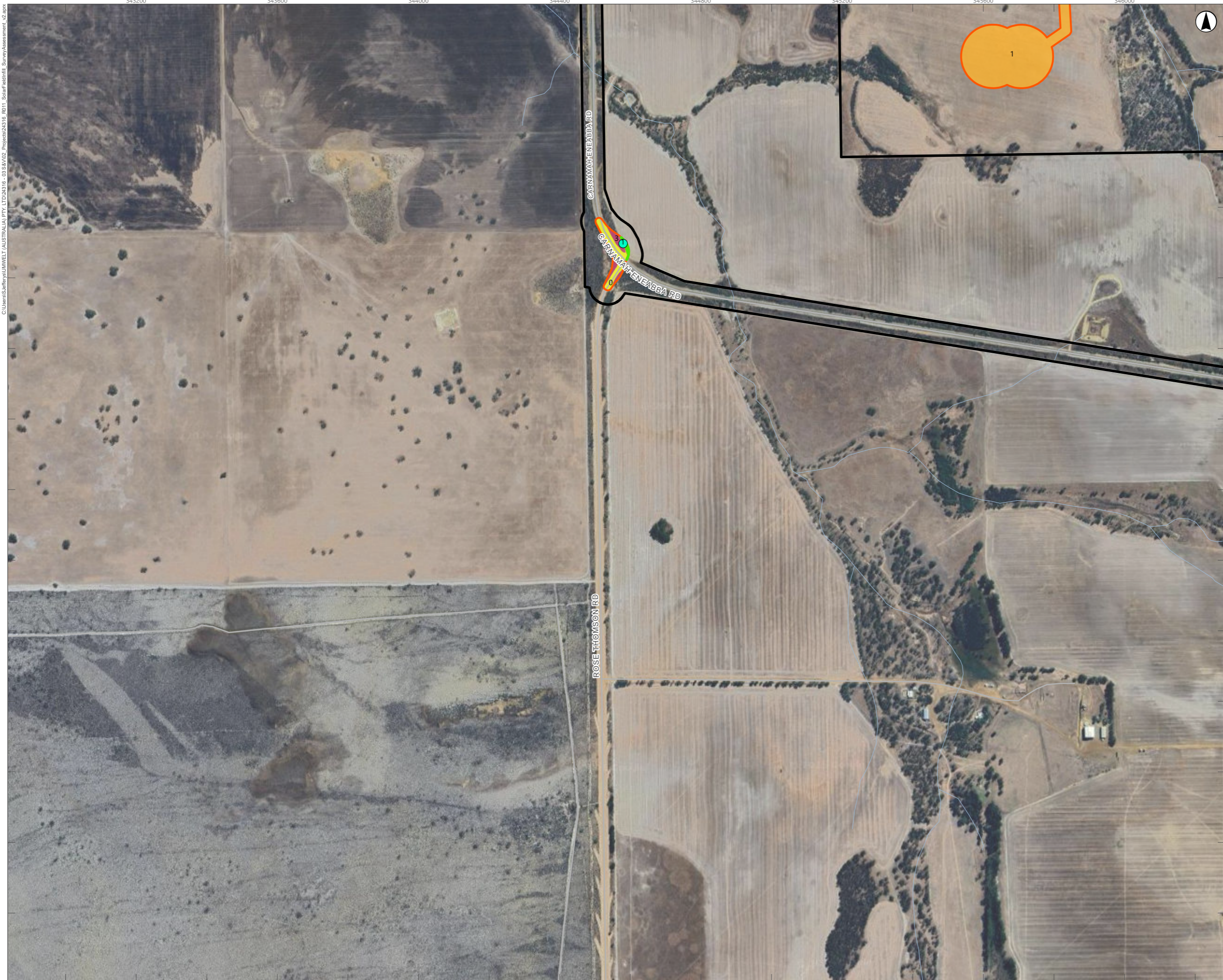
- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B

Detailed FHQS Mapping – Sheet 13

Legend

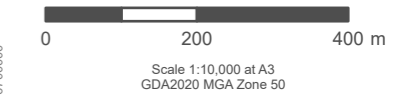
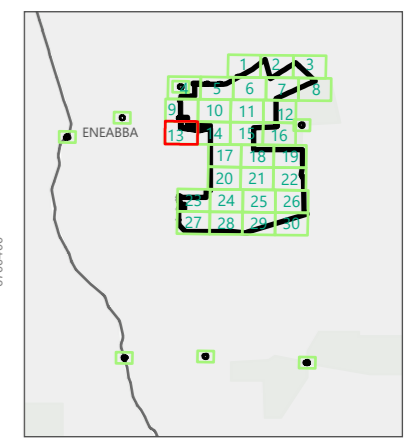
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping –
Sheet 14

Legend

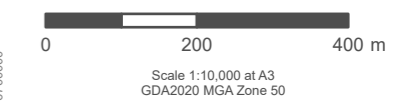
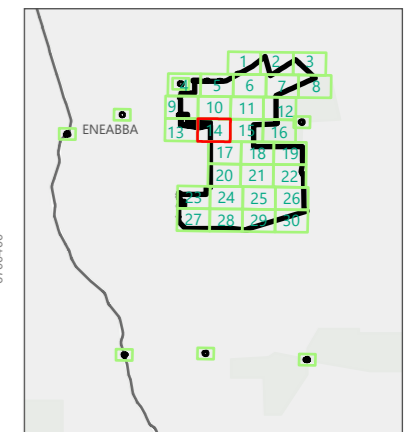
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



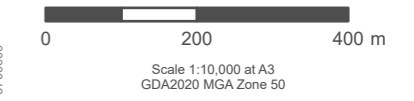
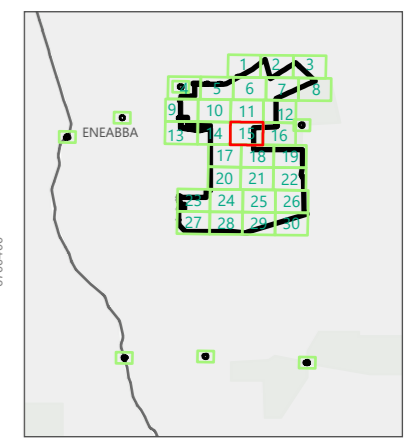
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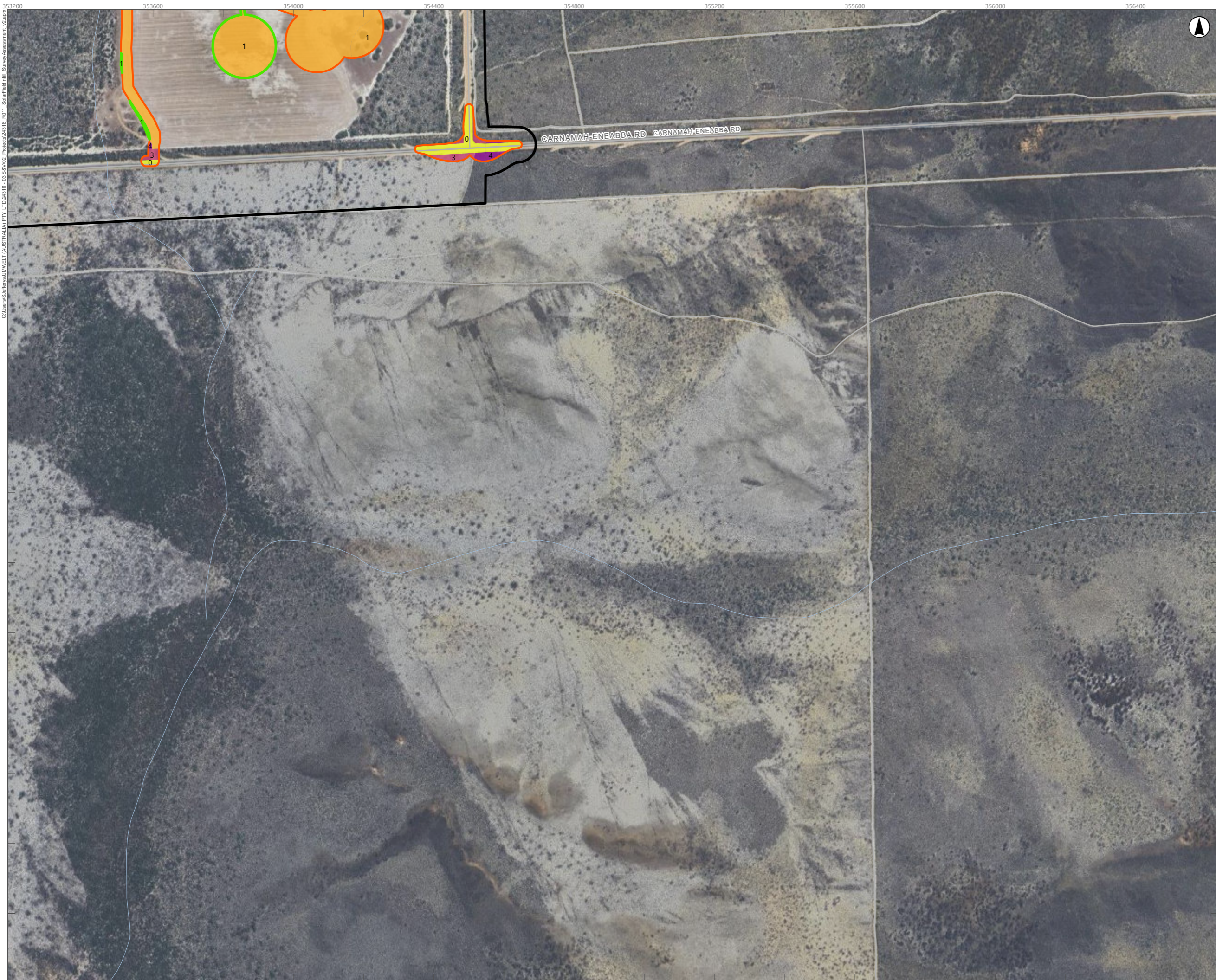
APPENDIX B
Detailed FHQS Mapping –
Sheet 15



- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value

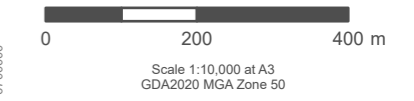
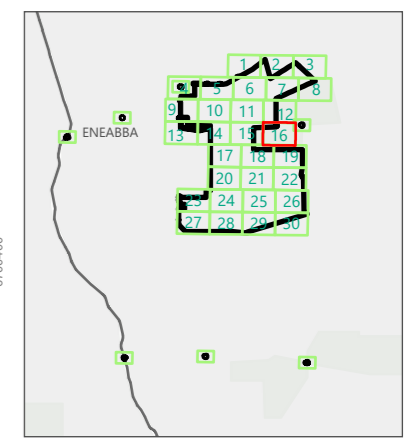


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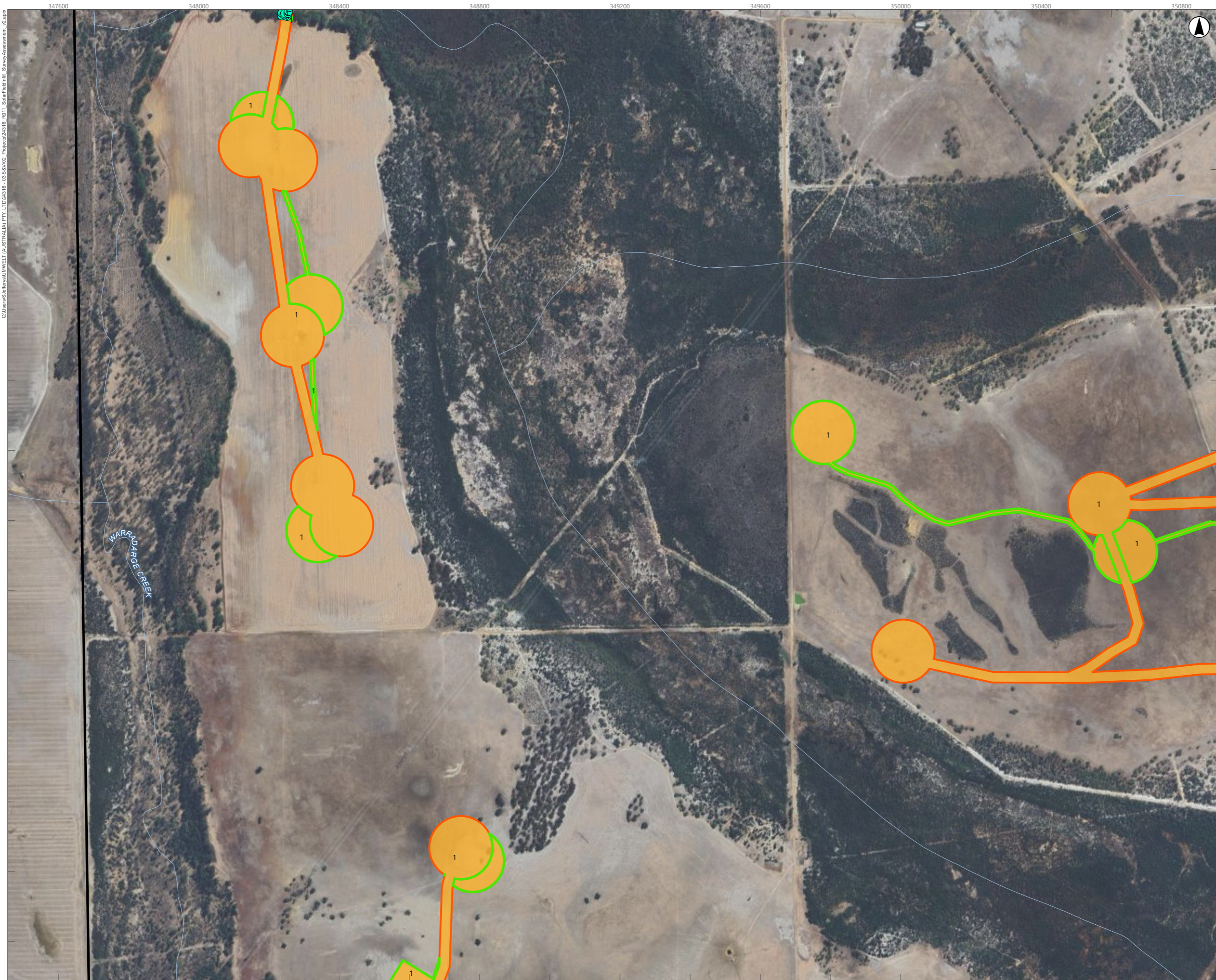
APPENDIX B
Detailed FHQS Mapping – Sheet 16

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value

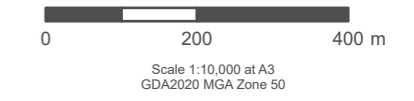
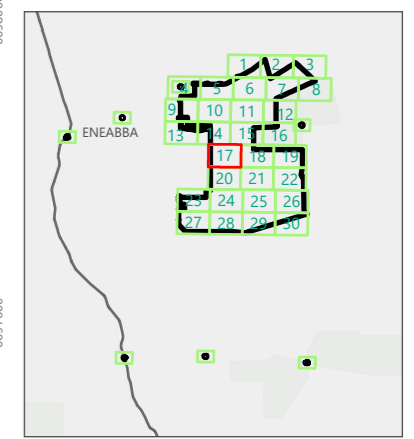


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APPENDIX B
Detailed FHQS Mapping – Sheet 17



- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping – Sheet 18

Legend

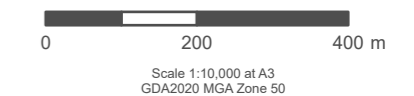
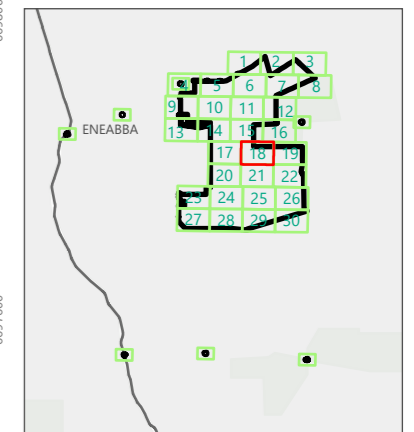
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

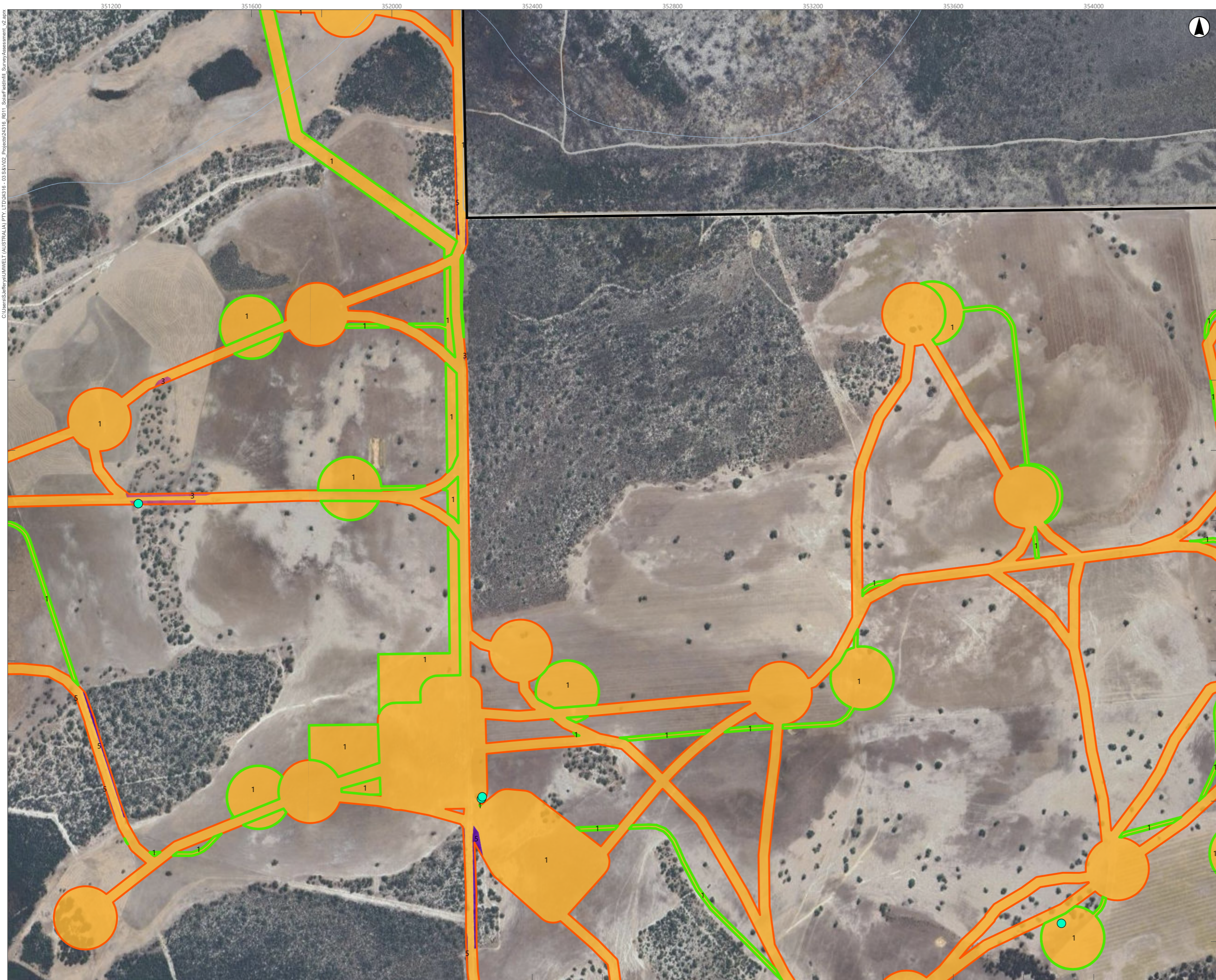
- 5
- 4
- 3
- 2

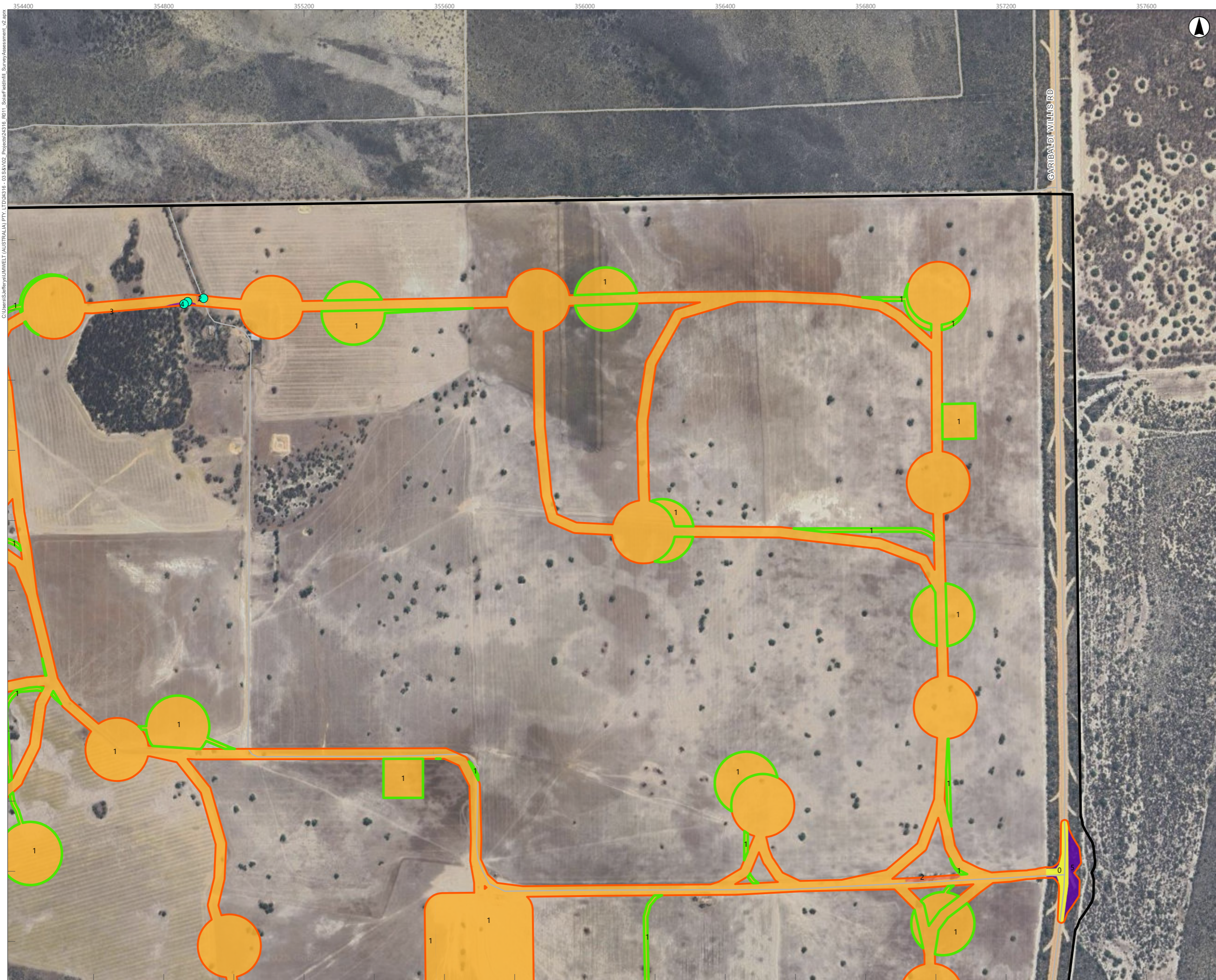
BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping –
Sheet 19

Legend

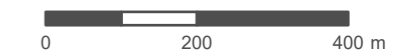
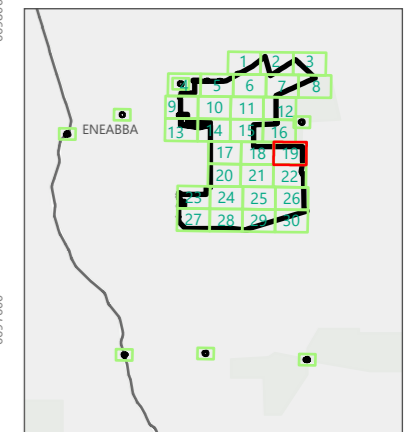
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees
(Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



Scale 1:10,000 at A3
 GDA2020 MGA Zone 50

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APPENDIX B
Detailed FHQS Mapping – Sheet 20

Legend

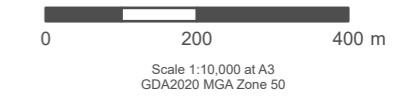
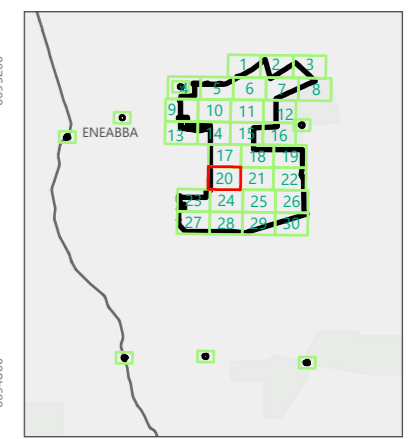
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

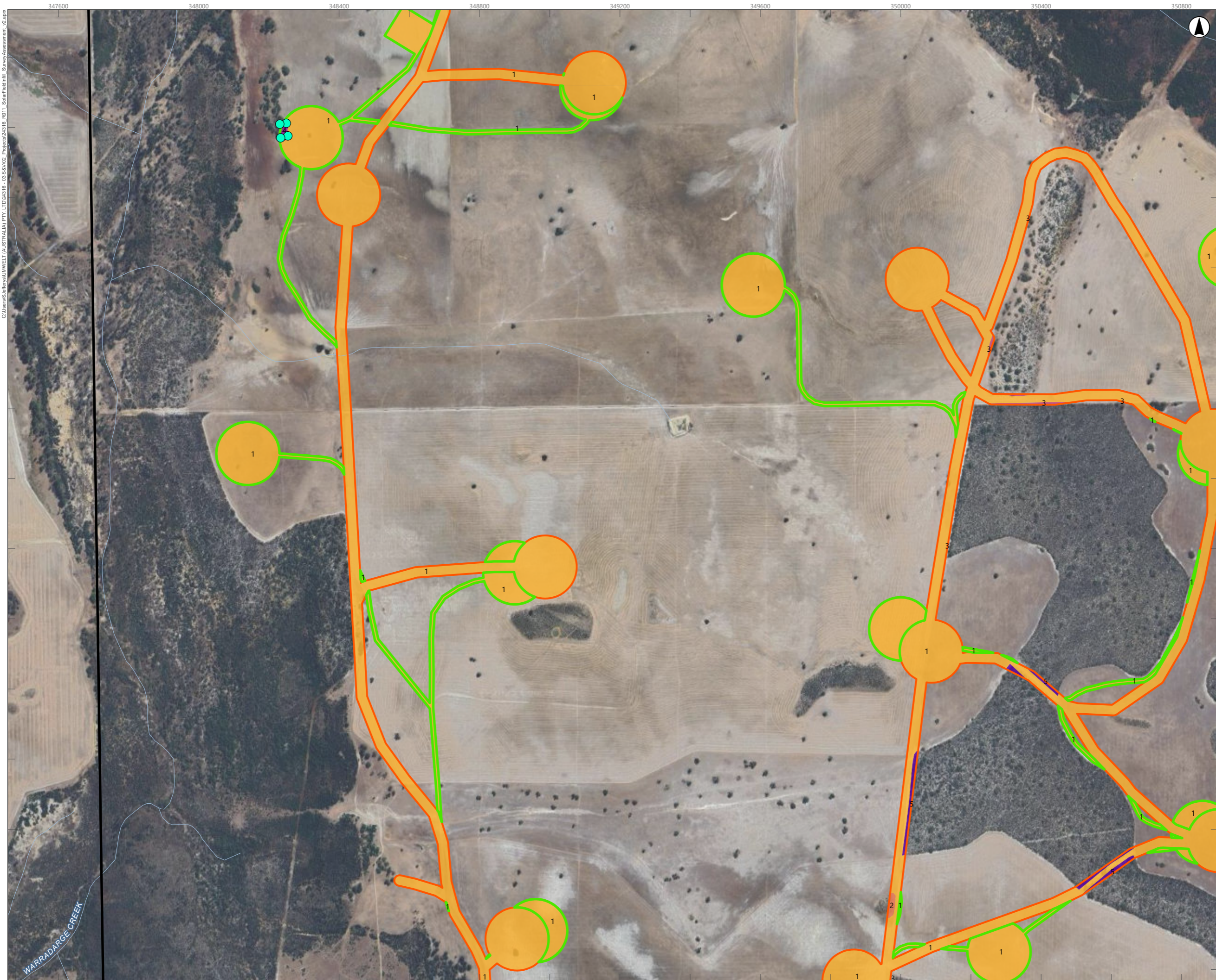
- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping – Sheet 21

Legend

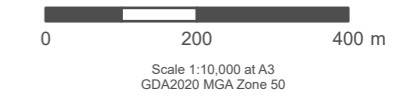
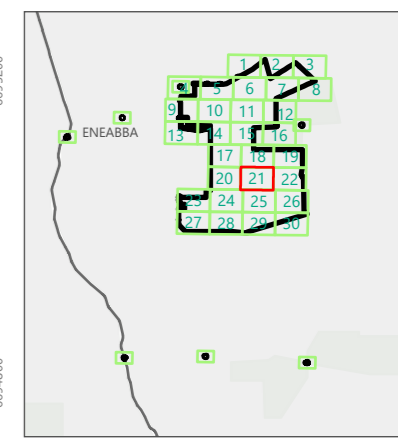
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

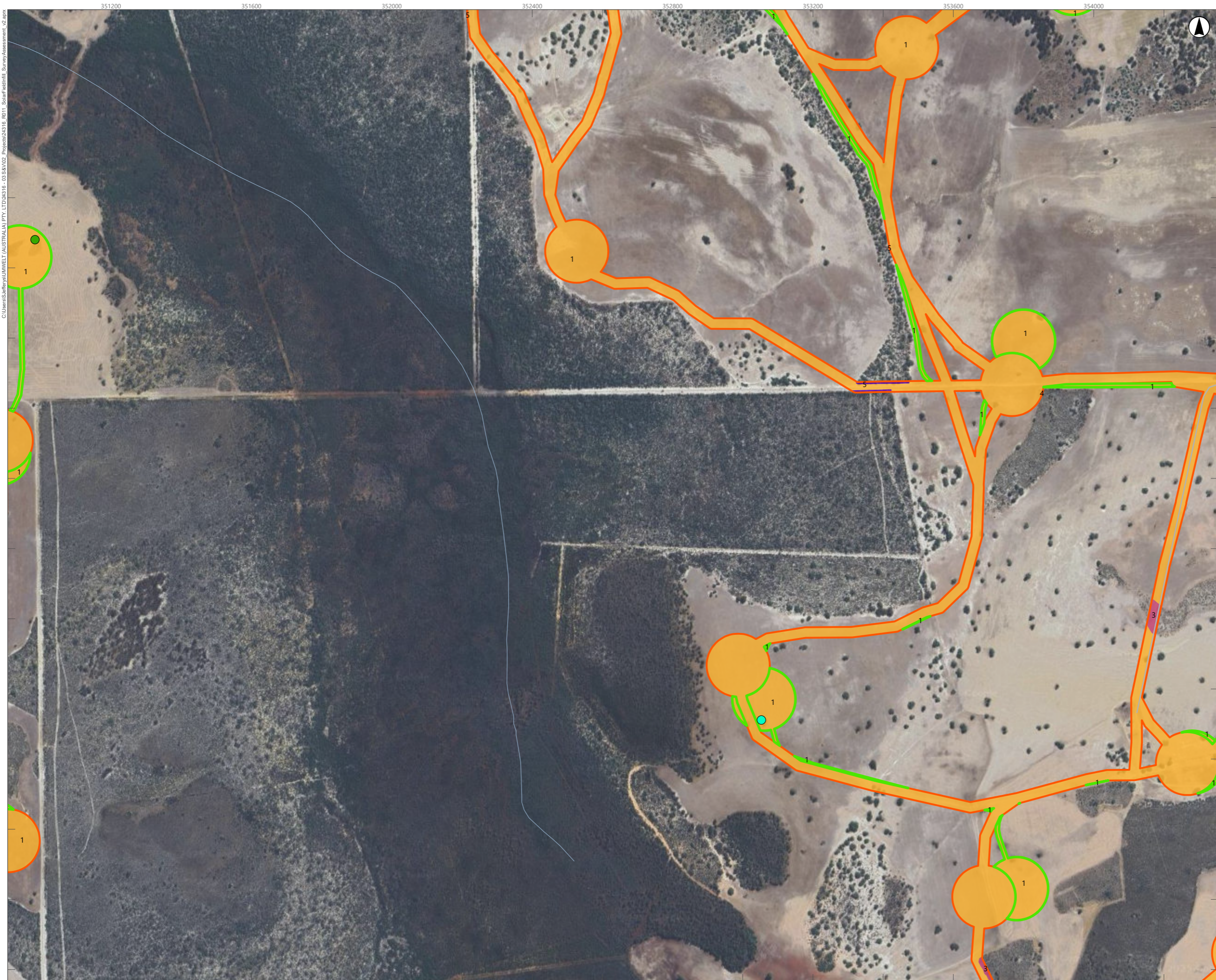
- 5
- 4
- 3
- 2

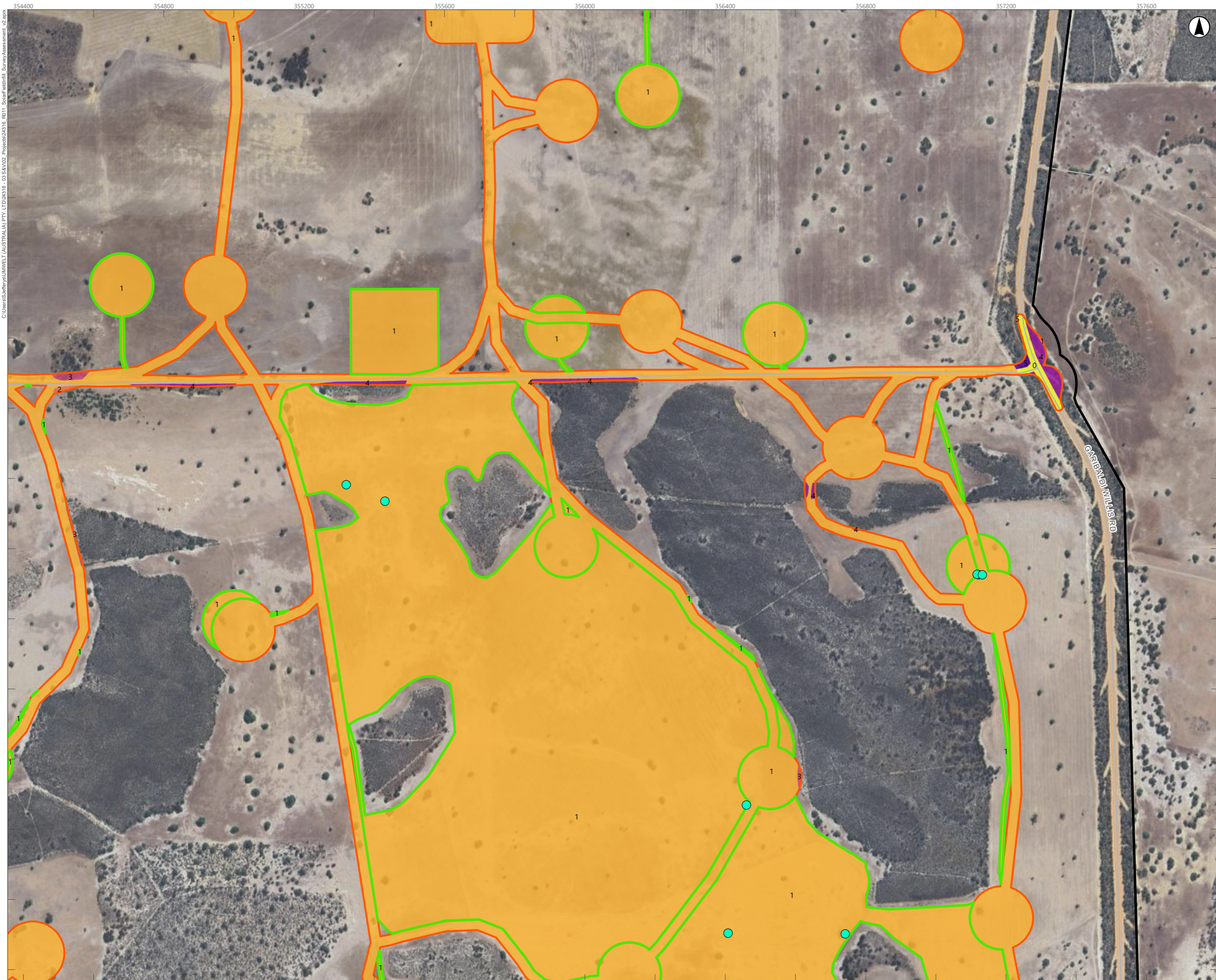
BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B

Detailed FHQS Mapping – Sheet 22

Legend

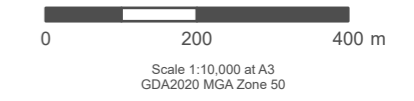
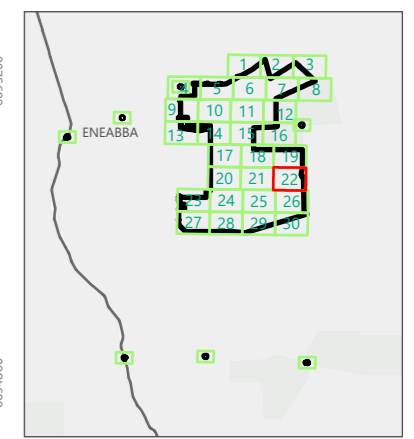
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

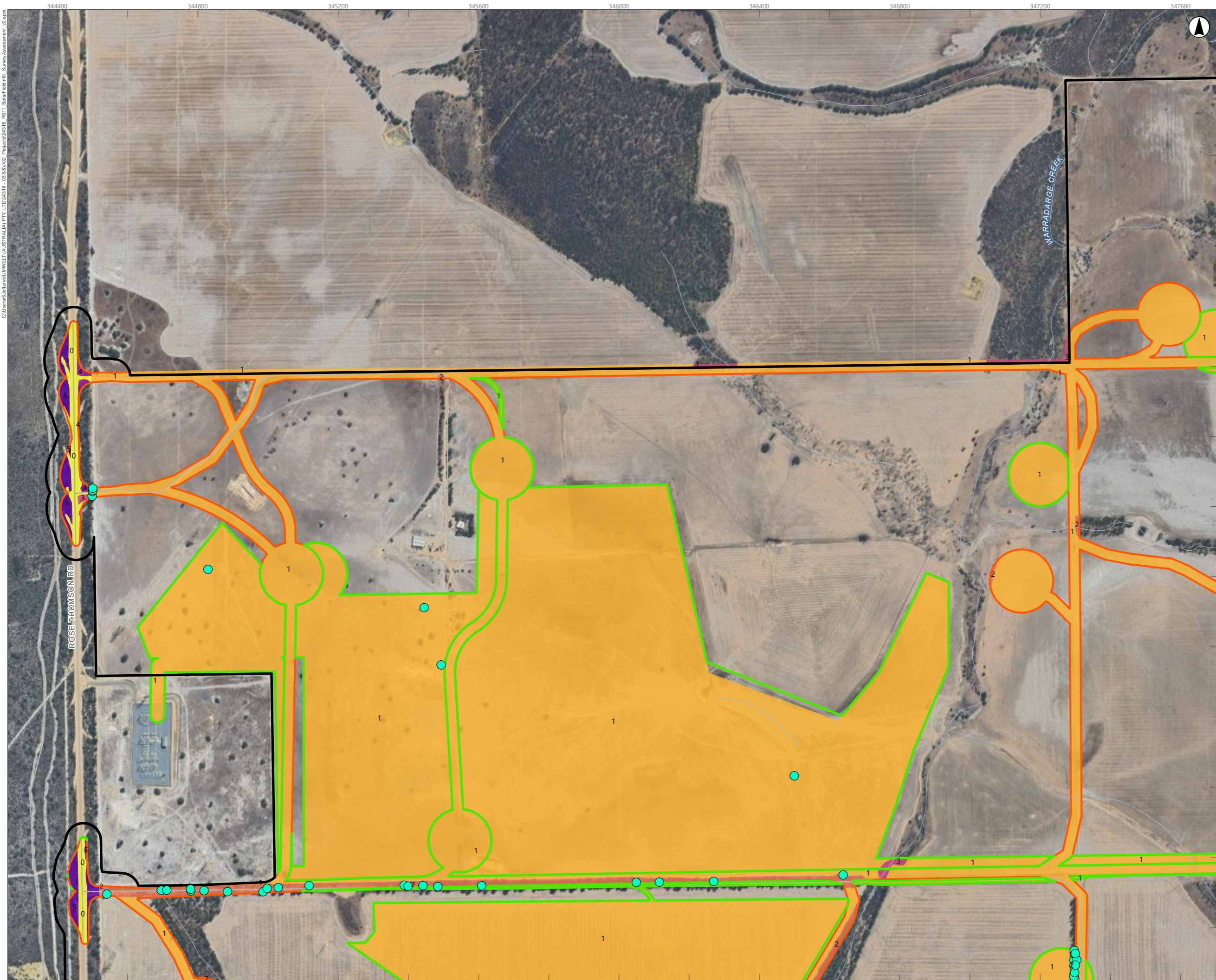
- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



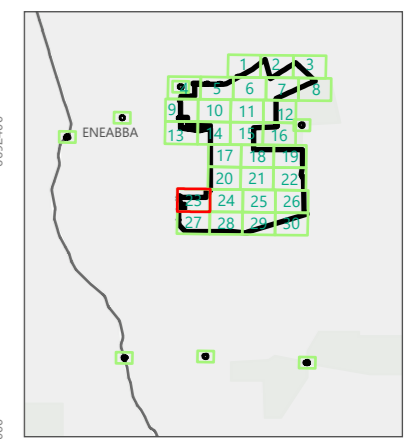
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APPENDIX B
Detailed FHQS Mapping – Sheet 23



- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value



0 200 400 m
Scale 1:10,000 at A3
GDA2020 MGA Zone 50

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APPENDIX B
Detailed FHQS Mapping – Sheet 24

Legend

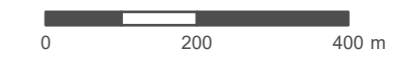
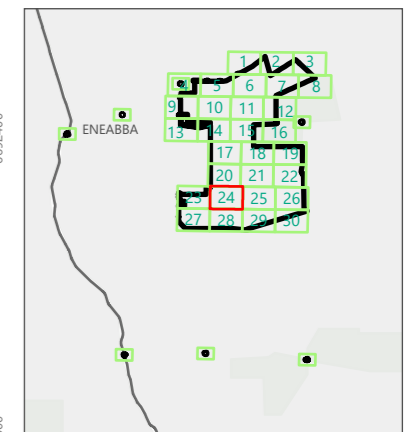
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

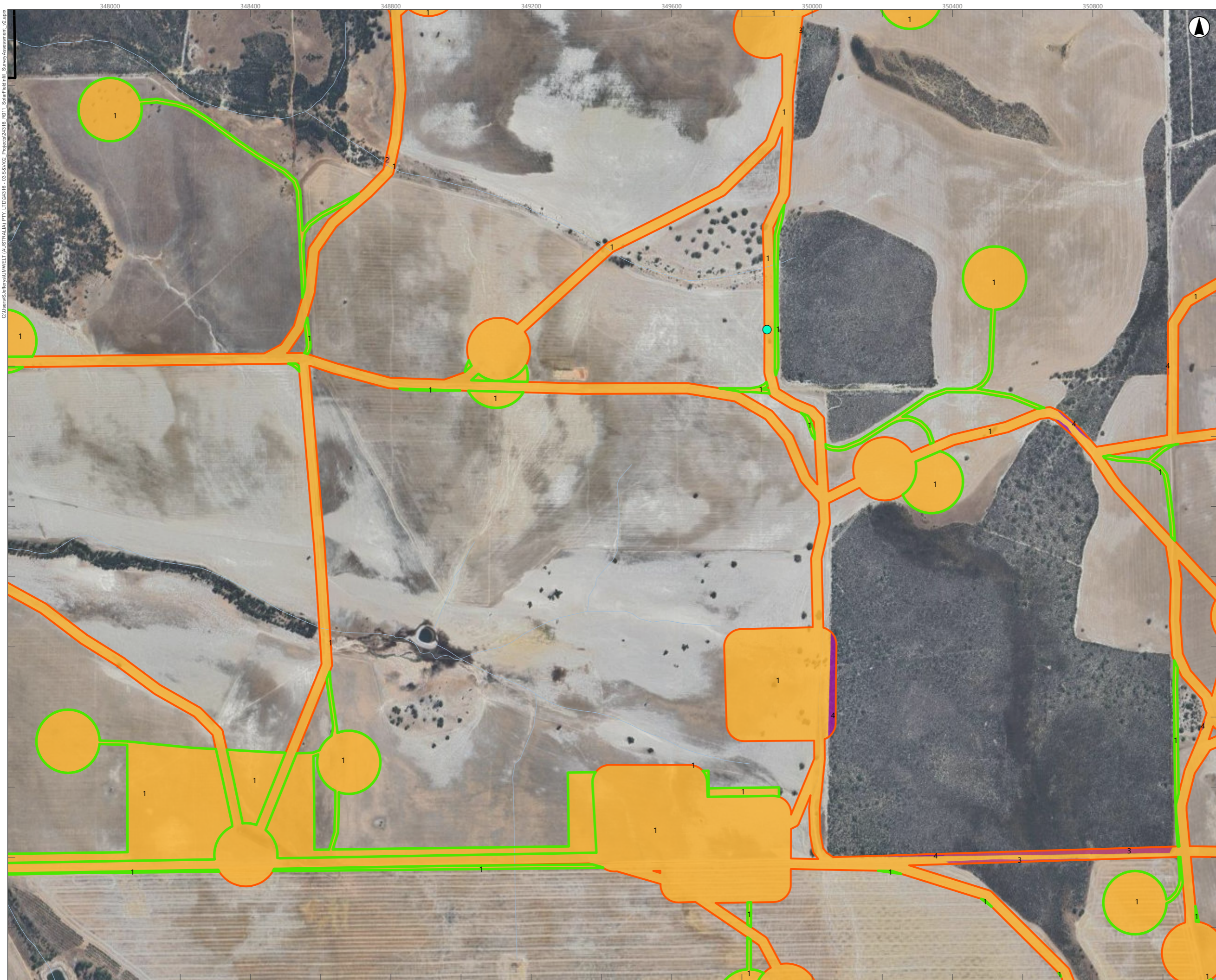
BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



Scale 1:10,000 at A3
GDA2020 MGA Zone 50

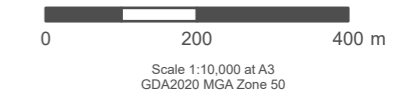
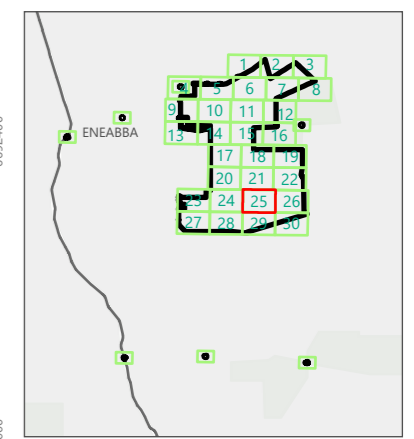
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APPENDIX B
Detailed FHQS Mapping – Sheet 25

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value

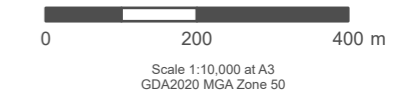
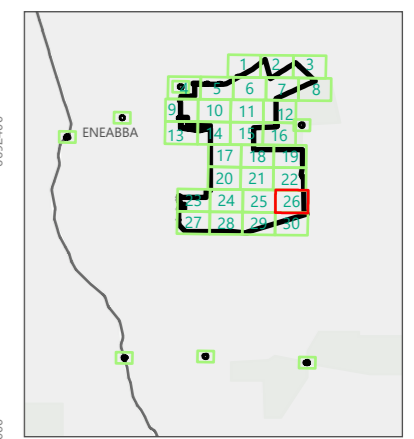


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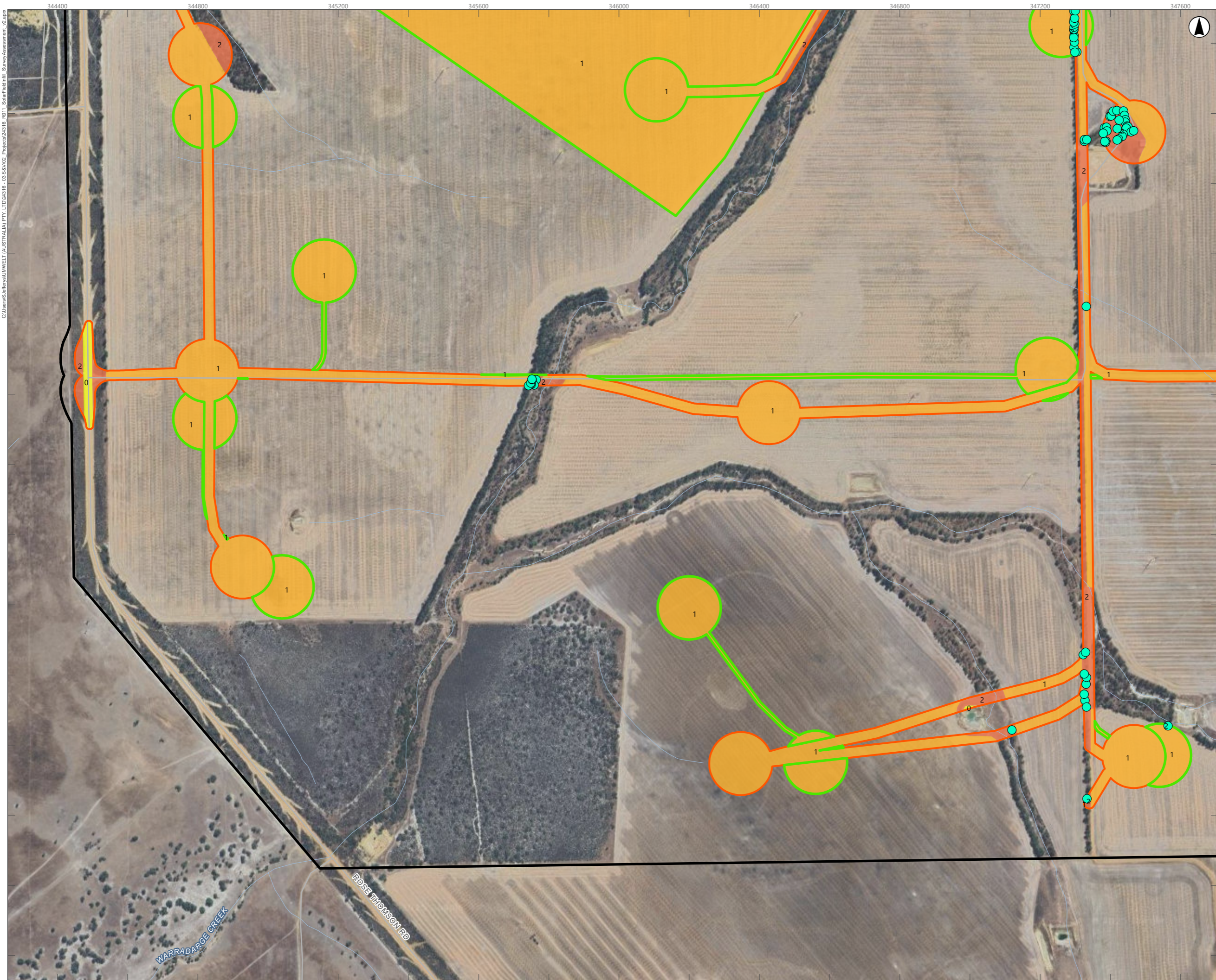
APPENDIX B
Detailed FHQS Mapping –
Sheet 26

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse
 - Confirmed Breeding Tree
- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2
- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping – Sheet 27



Legend

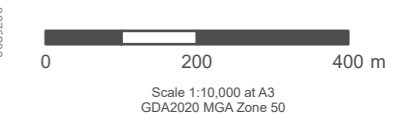
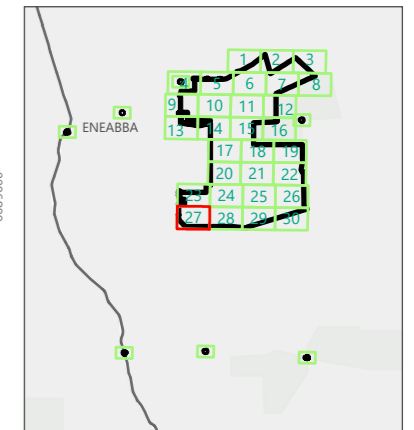
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping –
Sheet 28

Legend

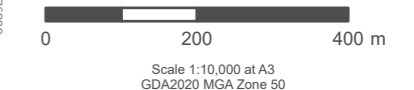
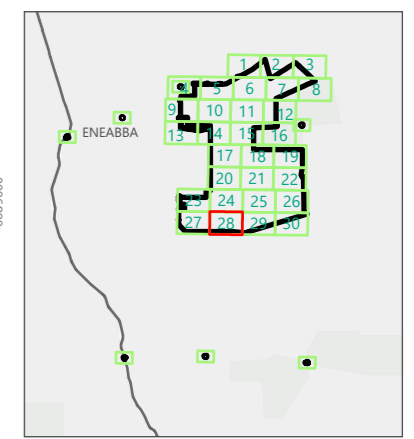
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees
(Bamford Ranking)

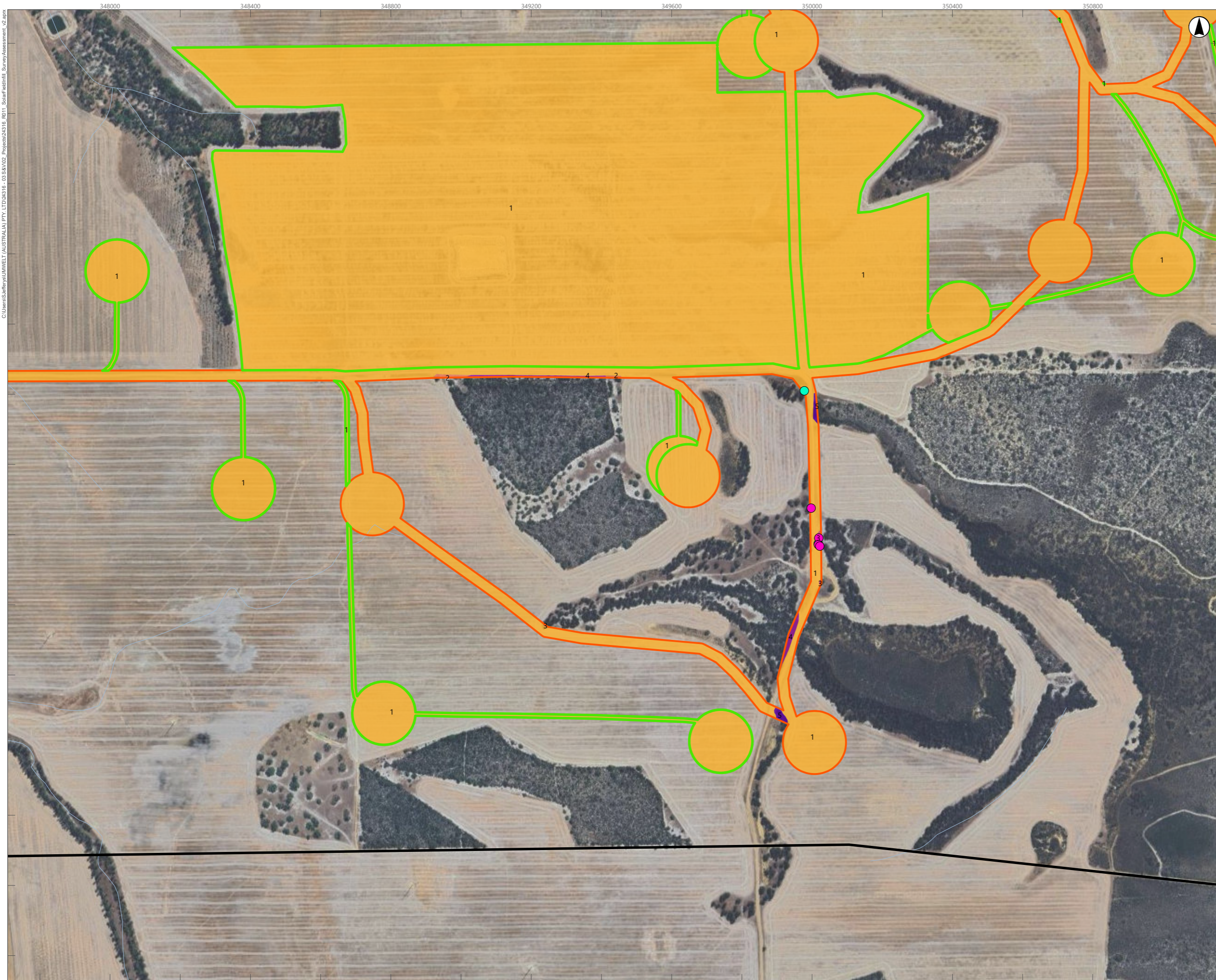
- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B
Detailed FHQS Mapping –
Sheet 29

Legend

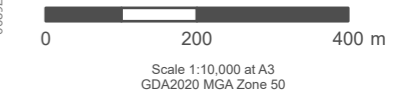
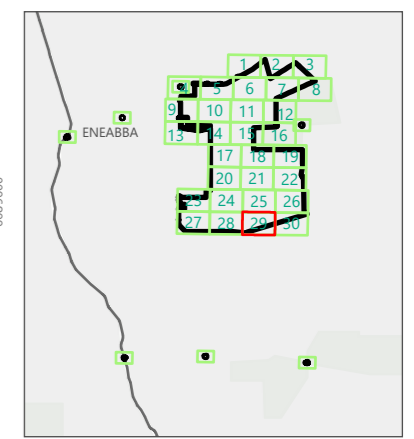
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees
(Bamford Ranking)

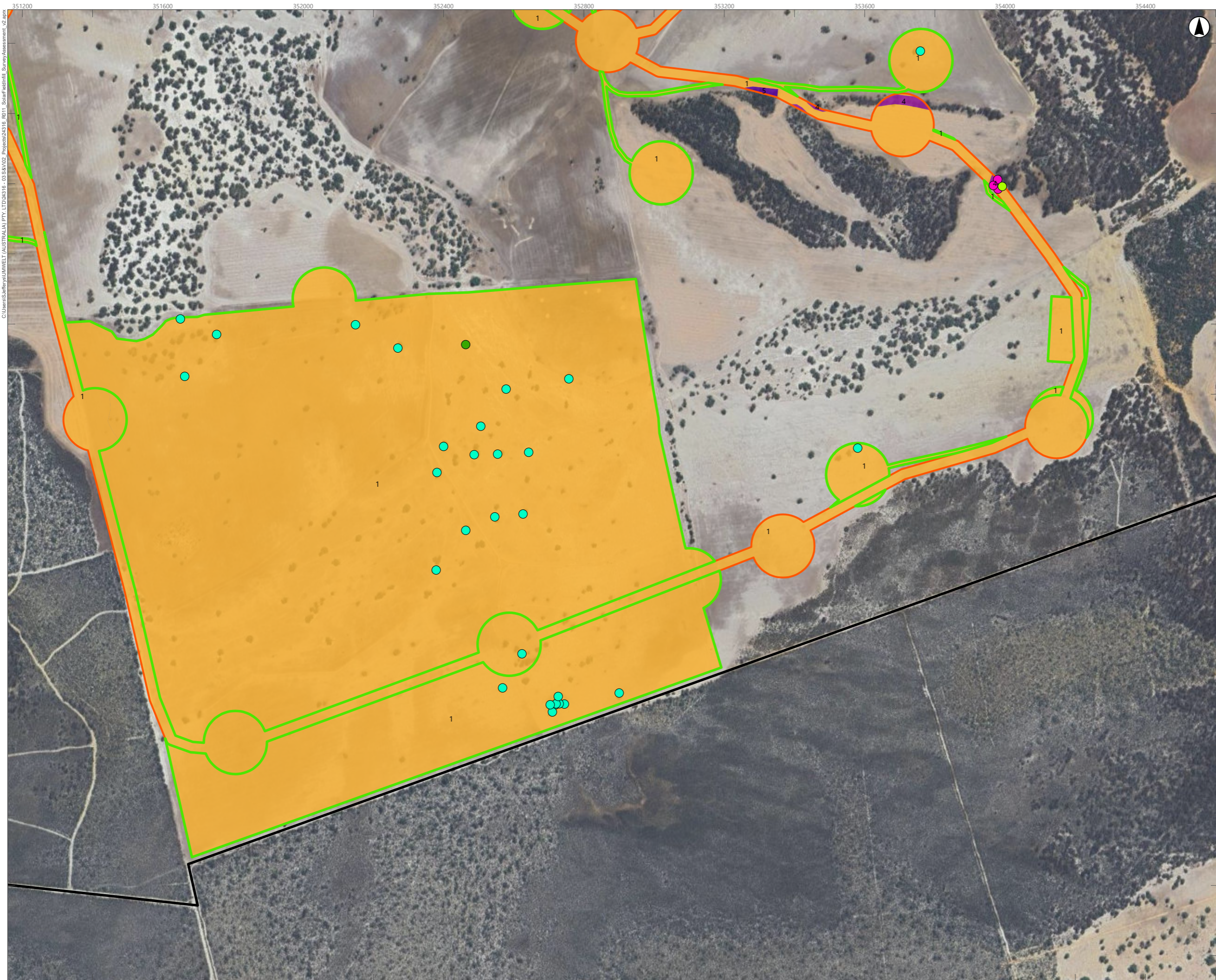
- 5
- 4
- 3
- 2

BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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APPENDIX B

Detailed FHQS Mapping – Sheet 30

Legend

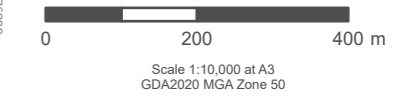
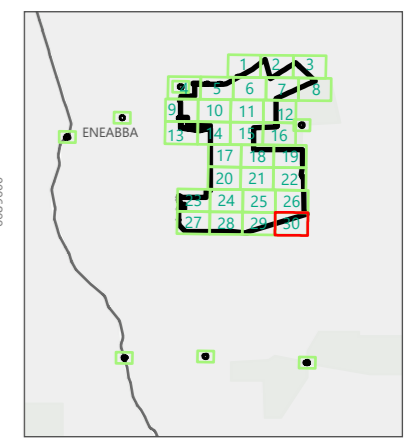
- Basic Fauna Survey Area (Basic FSA)
- Targeted Fauna Survey Area (Targeted FSA)
- Additional Survey Areas
- Road
- Railway
- Watercourse

Black-Cockatoo Nest-trees (Bamford Ranking)

- 5
- 4
- 3
- 2

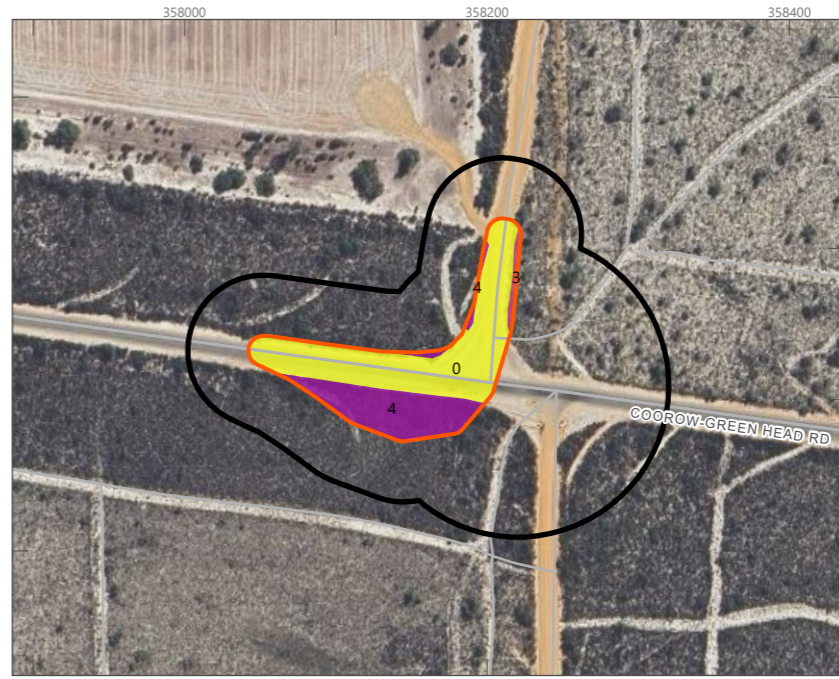
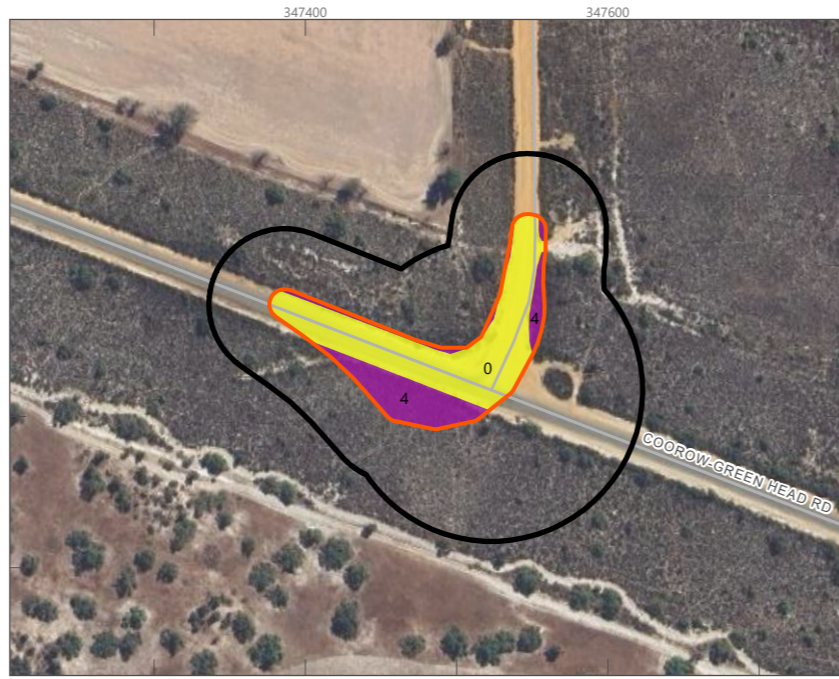
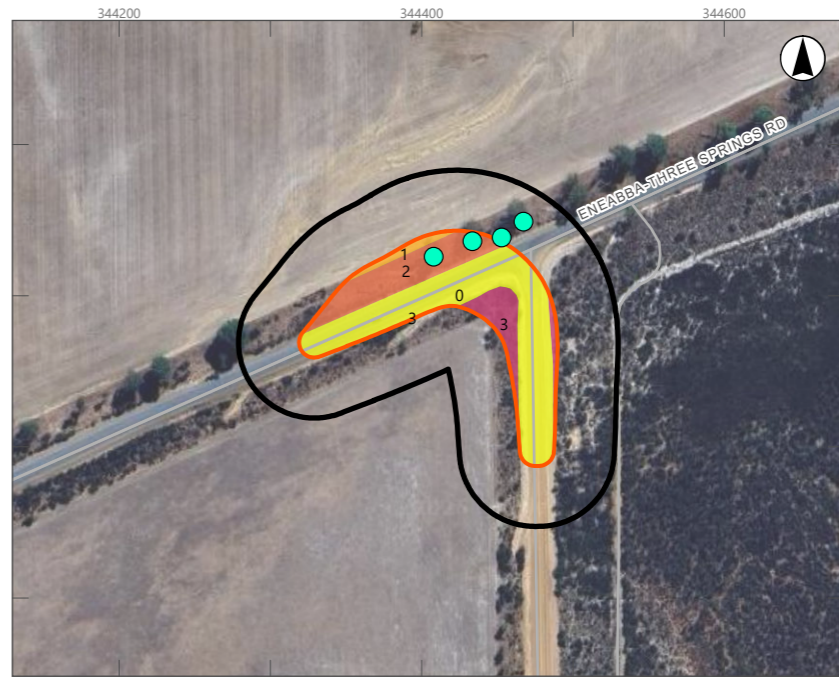
BCE Foraging Habitat Quality Score

- 5 Moderate to High Foraging Value
- 4 Moderate Foraging Value
- 3 Low to Moderate Foraging Value
- 2 Low Foraging Value
- 1 Negligible to Low Foraging Value
- 0 No Foraging Value



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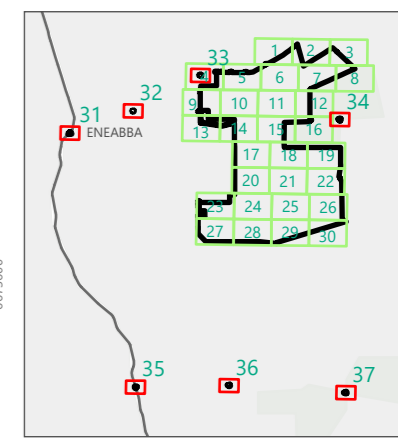
APPENDIX B

Detailed FHQS Mapping – Sheet 31 to 37

- Legend**
- Basic Fauna Survey Area (Basic FSA)
 - Targeted Fauna Survey Area (Targeted FSA)
 - Additional Survey Areas
 - Road
 - Railway
 - Watercourse

- Black-Cockatoo Nest-trees (Bamford Ranking)**
- 5
 - 4
 - 3
 - 2

- BCE Foraging Habitat Quality Score**
- 5 Moderate to High Foraging Value
 - 4 Moderate Foraging Value
 - 3 Low to Moderate Foraging Value
 - 2 Low Foraging Value
 - 1 Negligible to Low Foraging Value
 - 0 No Foraging Value



Scale 1:5,000 at A3
GDA2020 MGA Zone 50

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