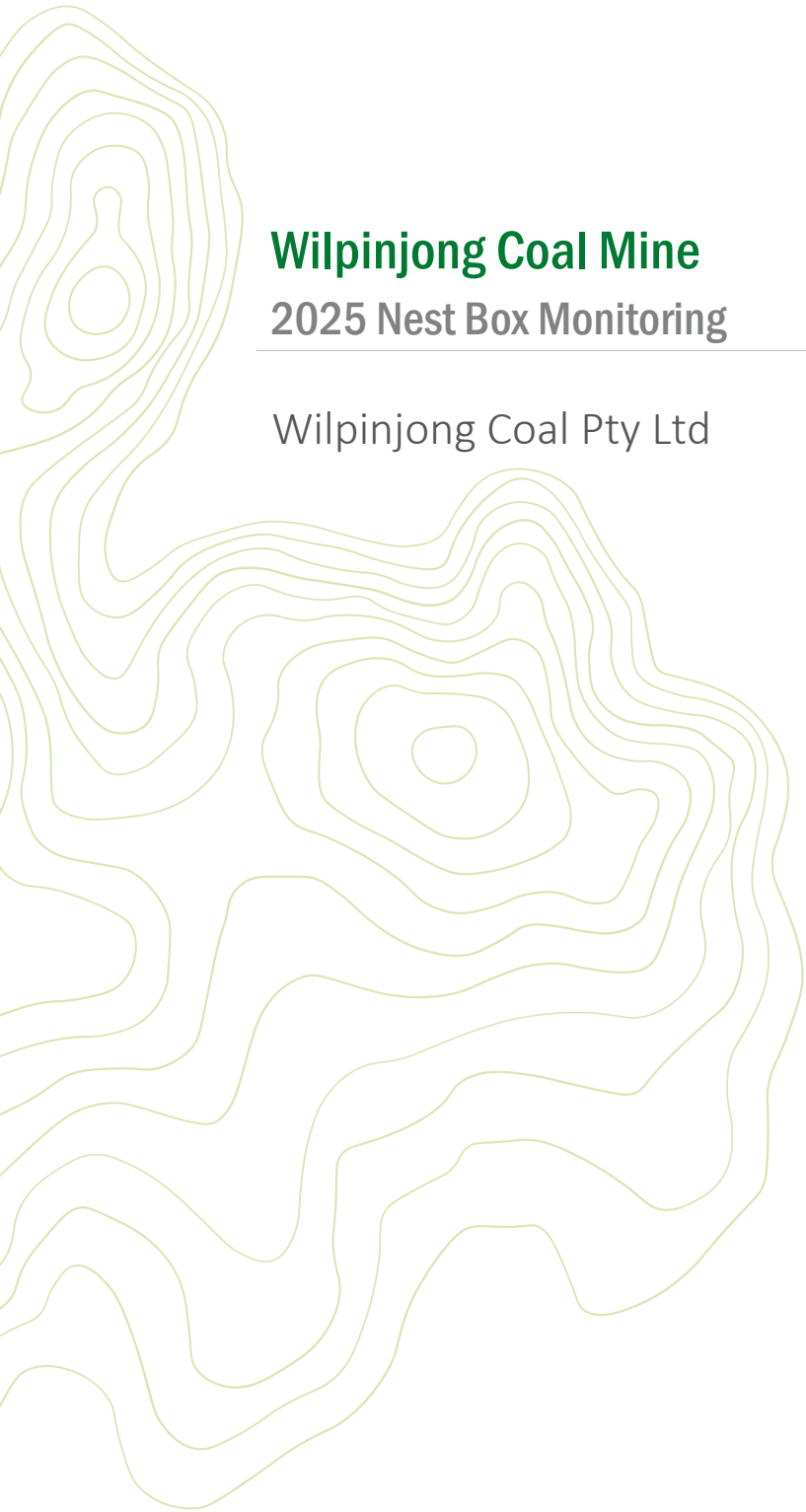




Wilpinjong Coal Mine

2025 Nest Box Monitoring

Wilpinjong Coal Pty Ltd

Document Tracking

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Abbreviations

Abbreviation	Description
BMP	Biodiversity Management Plan
ELA	Eco Logical Australia
WCM	Wilpinjong Coal Mine
WCPL	Wilpinjong Coal Pty Ltd

Contents

1. Introduction	3
2. Methods	3
3. Results	4
4. Conclusion	7

List of Figures

Figure 1: Nest box locations.....	2
Figure 2: Nest boxes requiring repair.....	5

List of Tables

Table 1: January 2026 Nest Box Monitoring Results.....	4
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List of Appendices

Appendix A Nest Box Monitoring Observations	
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1. Introduction

Wilpinjong Coal Pty Ltd (WCPL) is required to undertake nest box monitoring to satisfy Section 7.4.8 of the WCPL Biodiversity Management Plan (BMP). Eco Logical Australia (ELA) was engaged by WCPL to undertake nest box monitoring in the 2026 monitoring period.

WCPL installed nest boxes within the biodiversity management areas across the Wilpinjong Coal Mine (WCM) site to provide enhanced habitat for native fauna species. The locations of the nest boxes are shown below in Figure 1.

ELA is contracted by WCPL to inspect each nest box annually to assess usage and provide advice on maintenance and management. The report presents the results of the nest box inspections completed in January 2026.

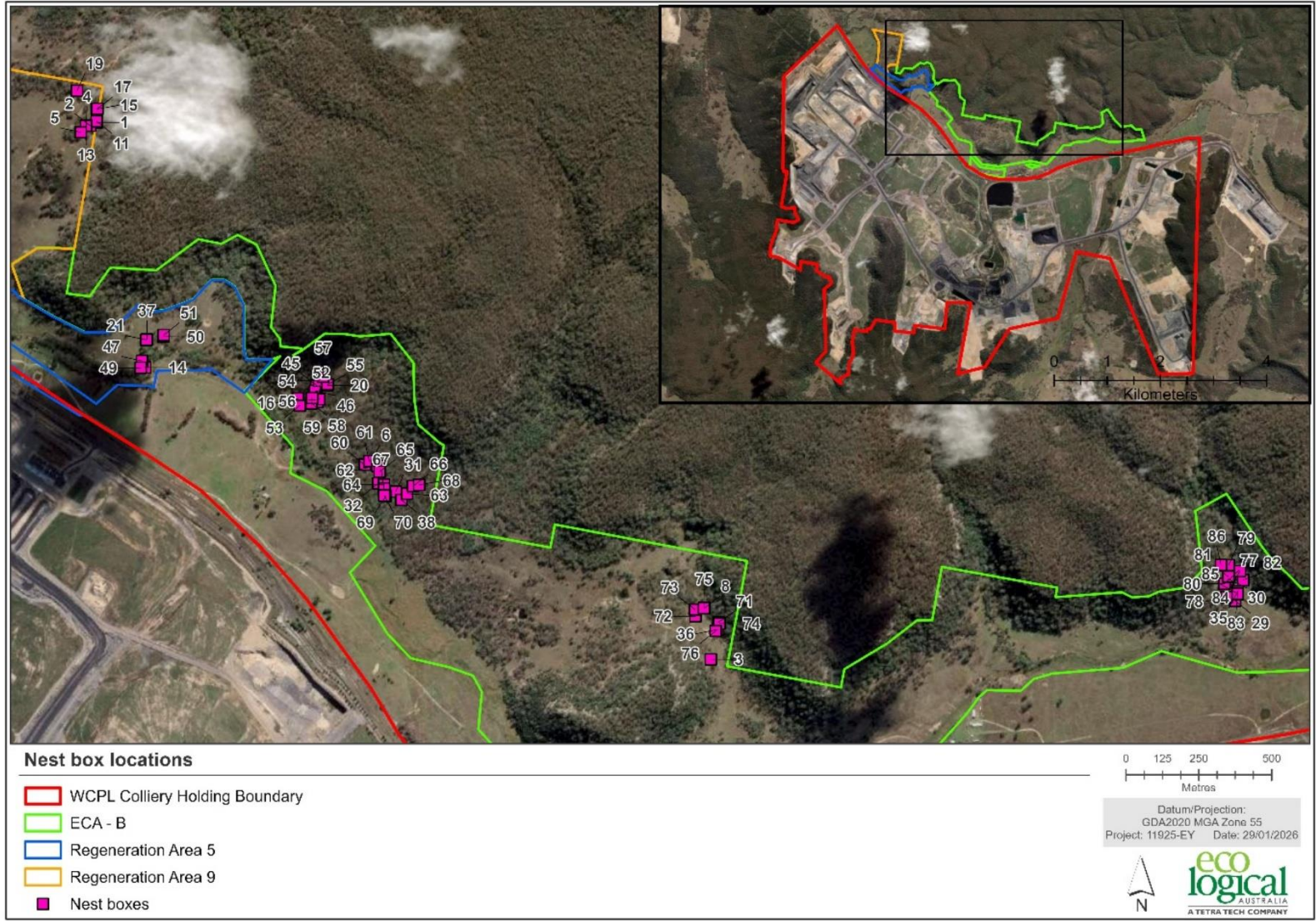


Figure 1: Nest box locations

2. Methods

Sixty-six nest boxes were inspected using a 12-meter-high pole and wireless hollow scope to investigate fauna presence or signs of use, as well as the overall condition of the nest box and any maintenance issues.

The condition of nest boxes was divided into three categories:

- Fit for use
- In need of repair; or
- Unserviceable.

Nest box usage was determined by the presence of indicators such as nesting material, feathers, droppings and signs of chewings, scratchings or a combination of the these. An assessment of whether nest boxes had been recently used was also made based on the nature and condition of the signs of use, including nest structure, age of droppings and the colour and condition of nesting material (e.g. leaves) in the nest box.

3. Results

The results of the nest box inspections are summarized in Table 1 and detailed observations are provided in Appendix A. A total of 18 nest boxes demonstrated signs of use; three contained fauna (*Trichosurus vulpecula*; common brush-tailed possum) present at the time of inspection, and a further 16 contained nesting material and/or exhibited signs of use, including chewings, scratchings around the entrance, and feathers.

Table 1: January 2026 Nest Box Monitoring Results

Installation Area	Condition			Fauna present (%)	Signs of use		
	Fit (%)	Repair (%)	Unserviceable (%)		Nest / nesting material (%)	Chewing present (%)	Other (e.g. feathers, scratches, scats) (%)
ECA-B	44 (65.67%)	6 (8.95%)	1 (1.49%)	1	77	1	83.3
Regen 5	7 (10.44%)	0	0	0	23.1	0	17
Regen 9	8 (11.94%)	1 (1.49%)	0	0	0	0	0

Seven nest boxes were identified as needing repairs (Plate 1):

- Nest box 31 has fallen down the trunk of the tree from its original position, however, is still positioned in a lower fork in the tree, though appears potentially unstable
- Nest box 68 has fallen completely off the tree and onto the ground
- The side of nest box 65 is partially open
- Nest box 60 has broken apart and is lying on the ground
- The side of nest box 52 is partially open
- Side door on nest box 54 needs to be closed and re-screwed
- Nest box 5 has fallen forward on the tree, is potentially unstable and its tie-wire requires tightening.

Locations of the nest boxes requiring repair are shown below in Figure 2.

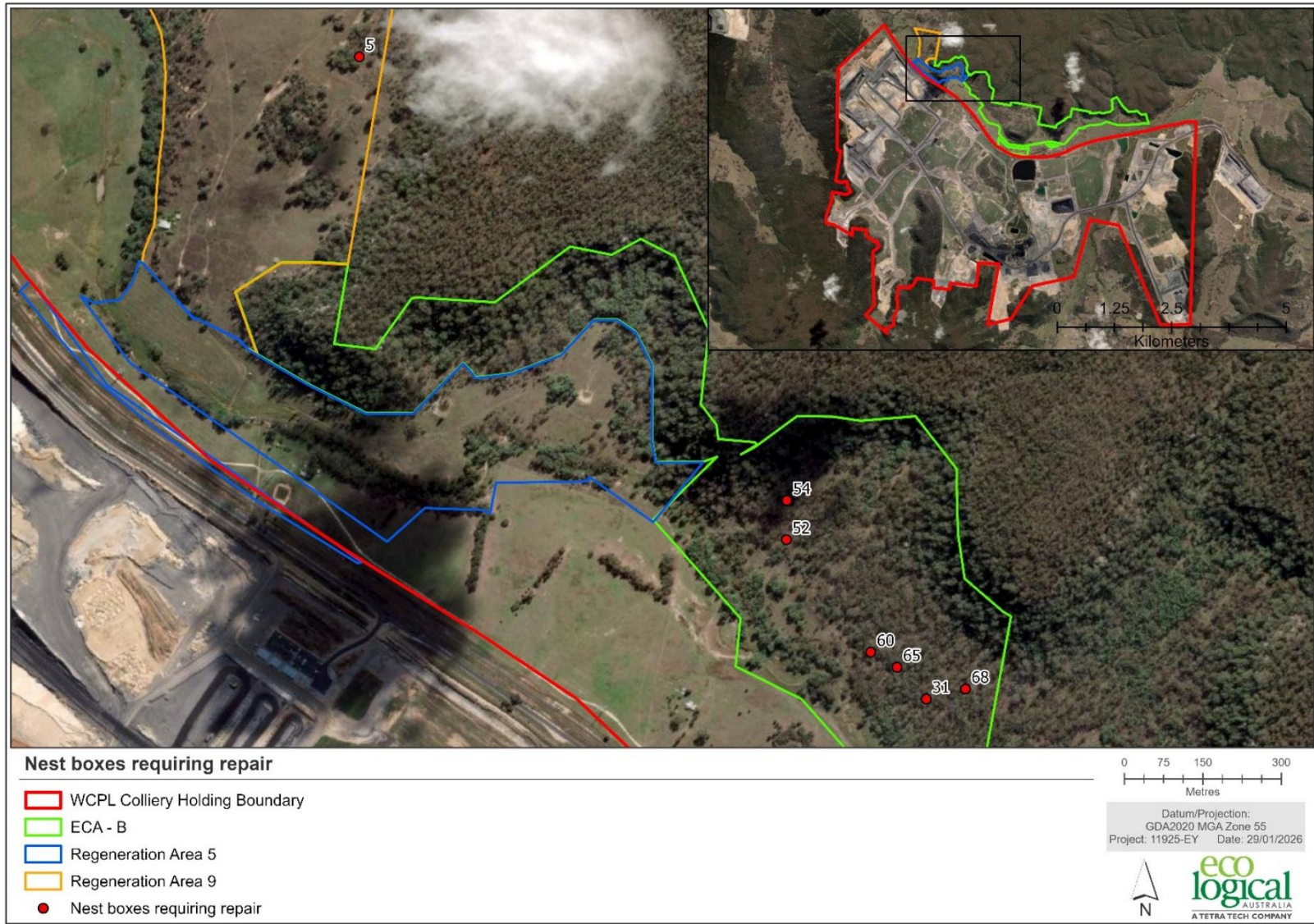


Figure 2: Nest boxes requiring repair

Nest box 31



Nest box 68



Nest box 65



Nest box 60



Nest box 52



Nest box 5



Plate 1: Nest boxes requiring repair

4. Conclusion

Nest box inspections demonstrated they predominantly remain fit for use, with a few requiring repairs, and one nest box is unserviceable. Three nest boxes contained resident fauna (common brush-tailed possum) at the time of survey and additional nest boxes showed signs of use and evidence of providing habitat for fauna.

Repairs and maintenance as per the suggestions above is recommended, as well as the continuation of annual inspections.

Appendix A Nest Box Monitoring Observations

Area	Nest Box ID	Northing	Easting	Condition	Fauna present
ECA-B	6	6421056.474	770052.41	fit	None
ECA-B	8	6420552.504	771196.7183	fit	None
ECA-B	16	6421271.608	769802.1848	fit	None
ECA-B	29	6420577.623	773016.9377	fit	None
ECA-B	30	6420652.623	772993.4273	fit	None
ECA-B	31	6420952.539	770137.1832	Repair	None
ECA-B	32	6420980.895	770077.1523	fit	None
ECA-B	35	6420610.344	773025.9292	fit	None
ECA-B	38	6420923.937	770156.6803	fit	None
ECA-B	45	6421316.767	769864.8454	fit	None
ECA-B	46	6421298.226	769860.9561	fit	None
ECA-B	53	6421247.594	769807.8571	fit	None
ECA-B	54	6421332.506	769873.9378	Repair	None
ECA-B	55	6421319.956	769903.2913	fit	Common brush-tailed possum
ECA-B	56	6421269.77	769874.992	fit	Common brush-tailed possum
ECA-B	58	6421255.728	769848.1316	fit	None
ECA-B	59	6421273.546	769850.0222	fit	Common brush-tailed possum
ECA-B	60	6421044.956	770030.801	Unserviceable	None
ECA-B	61	6421057.077	770046.4884	fit	None
ECA-B	63	6420945.626	770175.64	fit	None
ECA-B	64	6420976.491	770096.5439	fit	None
ECA-B	65	6421020.824	770082.2747	Repair	None
ECA-B	67	6420963.381	770097.0409	fit	None
ECA-B	69	6420936.365	770102.9146	fit	None
ECA-B	70	6420938.838	770097.6086	fit	None
ECA-B	71	6420504.514	771243.6811	fit	None
ECA-B	72	6420525.161	771165.1642	fit	N/A
ECA-B	73	6420547.716	771164.263	fit	None
ECA-B	74	6420499.873	771247.0433	fit	None
ECA-B	76	6420474.461	771234.4846	fit	None
ECA-B	77	6420637.314	772980.8546	fit	None
ECA-B	78	6420590.412	772987.313	Repair	None
ECA-B	79	6420700.536	772994.7248	fit	None
ECA-B	80	6420636.566	772979.7976	fit	None
ECA-B	81	6420660.163	772993.7257	fit	None
ECA-B	82	6420649.464	773044.5191	fit	None
ECA-B	83	6420601.161	773024.8323	fit	None
ECA-B	84	6420679.638	773032.8012	fit	None
ECA-B	85	6420602.26	773025.2391	fit	None
ECA-B	86	6420701.023	772968.5365	fit	None
ECA-B	3	6420377.1	771218	fit	None
ECA-B	36	6420479.7	771241.9	fit	None
ECA-B	75	6420553.5	771194.5	fit	None

Area	Nest Box ID	Northing	Easting	Condition	Fauna present
ECA-B	66	6420971.4	770196.8	fit	None
ECA-B	68	6420975.7	770217.6	Repair	
ECA-B	62	6421040.9	770073.1	fit	None
ECA-B	16	6421271.6	769802.2	fit	
ECA-B	52	6421260.3	769868.1	fit	None
ECA-B	57	6421346.3	769887.8	fit	None
ECA-B	20	6421317.5	769902.5	fit	None
regen 5	37	6421473.8	769283	fit	None
regen 5	21	-	-	fit	None
regen 5	47	6420547.7	771164.3	fit	None
regen 5	49	6421377.2	769262.2	fit	None
regen 5	14	6421378.3	769277.5	fit	None
regen 5	50	6421484	769339.6	fit	None
regen 5	51	6421489.4	769340.7	fit	None
regen 9	17	6422265.7	769113.8	fit	None
regen 9	15	6422264.1	769110.8	fit	None
regen 9	1	6422219.4	769111.2	fit	None
regen 9	11	6422222.6	769111.1	fit	None
regen 9	2	6422207.4	769089.1	fit	None
regen 9	4	6422207.7	769075.4	fit	None
regen 9	13	6422207.9	769074.7	fit	None
regen 9	5	6422184.9	769056.5	Repair	None
regen 9	19	6422327.5	769043.7	fit	None

