

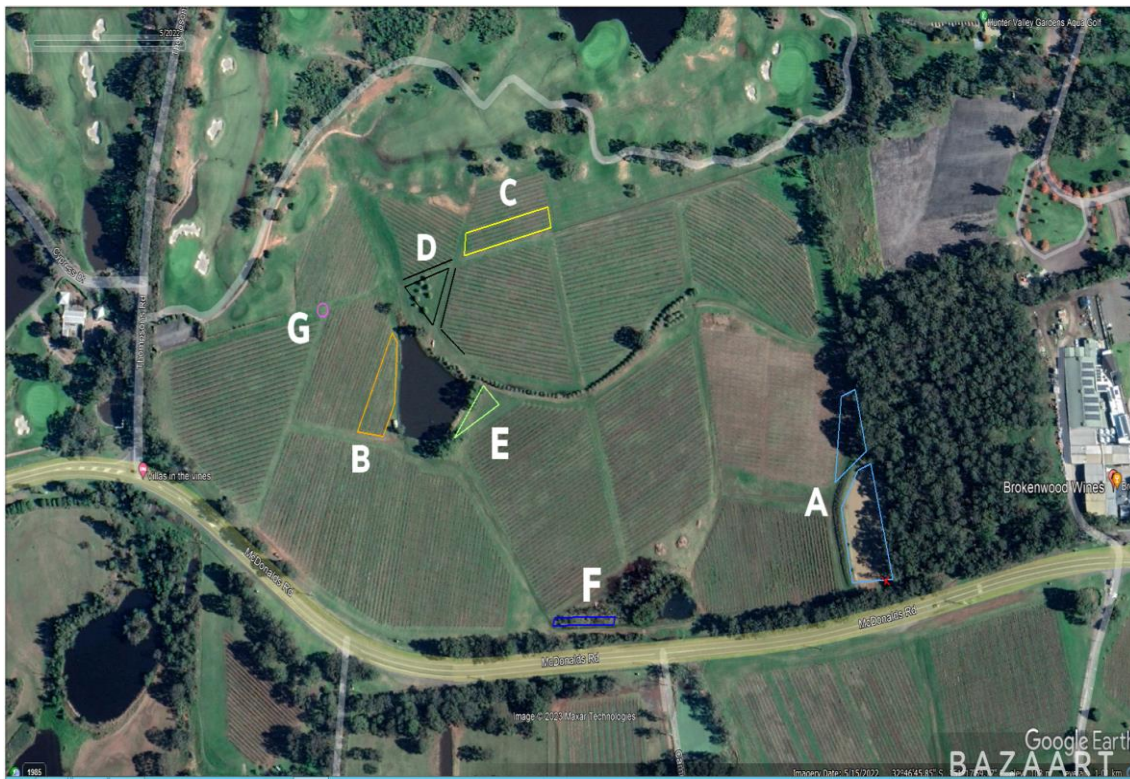
Biodiversity Action Plan for Brokenwood Wines- Graveyard Vineyard

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Date created : 28.04.23

Property map and action areas



Property with action areas A to G highlighted

Action areas	
A	<p>Action area A: Native Insectary – around Dam</p> <ul style="list-style-type: none"> Plant sedges and rush species around the top Dam & a mixture of native grasses to provide habitat for native arthropods and birds.
B	<p>Action area B: Native Insectary- in the vineyard mid row</p> <ul style="list-style-type: none"> There is capacity to plant the mid row with native forbs (flowering plants) from locally sourced seed & apply compost/mulch undervine and liquid vermicast bio-stimulant to enhance nutrient cycling in the soil biome
C	<p>Action area C: Native Insectary – in the vineyard midrow</p> <ul style="list-style-type: none"> There is capacity to plant to a mixture of native grasses (winter/spring and summer active). Thorough preparation is essential & specialised machinery is required to plant the mid-row.
D	<p>Action area D: Native Insectary – Adjacent to strainer posts & habitat corridor</p> <ul style="list-style-type: none"> There is scope to establish low growing shrubs adjacent to strainer posts & a nature room within the existing flora
E	<p>Action area E: Native Insectary</p> <ul style="list-style-type: none"> There is scope to plant mid storey native shrub species to a height of 2m & a diversity of native ground cover. Microbat boxes (2) to be installed in the existing trees
F	<p>Action area F: Native Biosecurity Hedge</p> <ul style="list-style-type: none"> There is capacity to plant a native saltbush hedge for remediation and biosecurity reasons
G	<p>Action area G : Predatory Bird Perch</p> <ul style="list-style-type: none"> Installation of the predatory bird perch to deter bird species

Work plan 2023/24

Autumn 2023					
Task	Timing	Action area	Person responsible	Date completed	
1	Install ocloc photo point and take 'before' photos to monitor progress	May 2023	All	Owner	28.04.23
2	Collect soil sample to baseline soil health	May 2023	All Blocks	Owner	10.05.23
3	Source the required native grass seed mixes for around the top dam and the mid row mix	May 2023	A , C	Owner	April 2023
4	Source the required tube stock and seeds (plant available stock this year and order extra plants for next year if needed)	May 2023	B,D,E,F	Owner	
5	Prepare soil areas for native grass seed planting	May 2023	A, C	Owner	6.05.23

Spring 2023					
Task	Timing	Action area	Person responsible	Date completed	
1	Plant the tube stock prior to the end of September and clearly label each plant on the stake. Place the guard around each tube stock plant, held in place with the wooden stake. Either apply jute weed mat or wet cardboard around each plant mulch once the plants have guards and stakes installed.	September 2023	A,D,E,F	Owner	
2	Take photos from the photo point to monitor progress	September 2023	All	Owner	
3	Monitor the plants and start watering them using a dripline (or by hand for best results), if the soil dries out significantly	September 2023 onwards	All	Owner	

Winter 2023					
Task	Timing	Action area	Person responsible	Date completed	
1	Take photos from the photo point to monitor progress	June 2023	A	Owner	
2	Site Preparation – spray out existing weeds in the planting areas (repeat before planting)	July/August 2023	All	Owner	
3	Mulch planting sites prior to planting out	August 2023	All	Owner	

Summer 2023					
Task	Timing	Action area	Person responsible	Date completed	
1	Take photos from the photo point to monitor progress	December 2023	All	Owner	
2	Assess the number of plants that have successfully established and their rate of growth. Review tree guards and weed control to ensure optimal growth	January 2024 onwards	All	Owner	



3	Water plants regularly in the first year if seasonal conditions are dry to ensure a high success rate	January 2024 onwards	All	Owner	
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Please refer to the BAP document developed for the property owner for further details.

