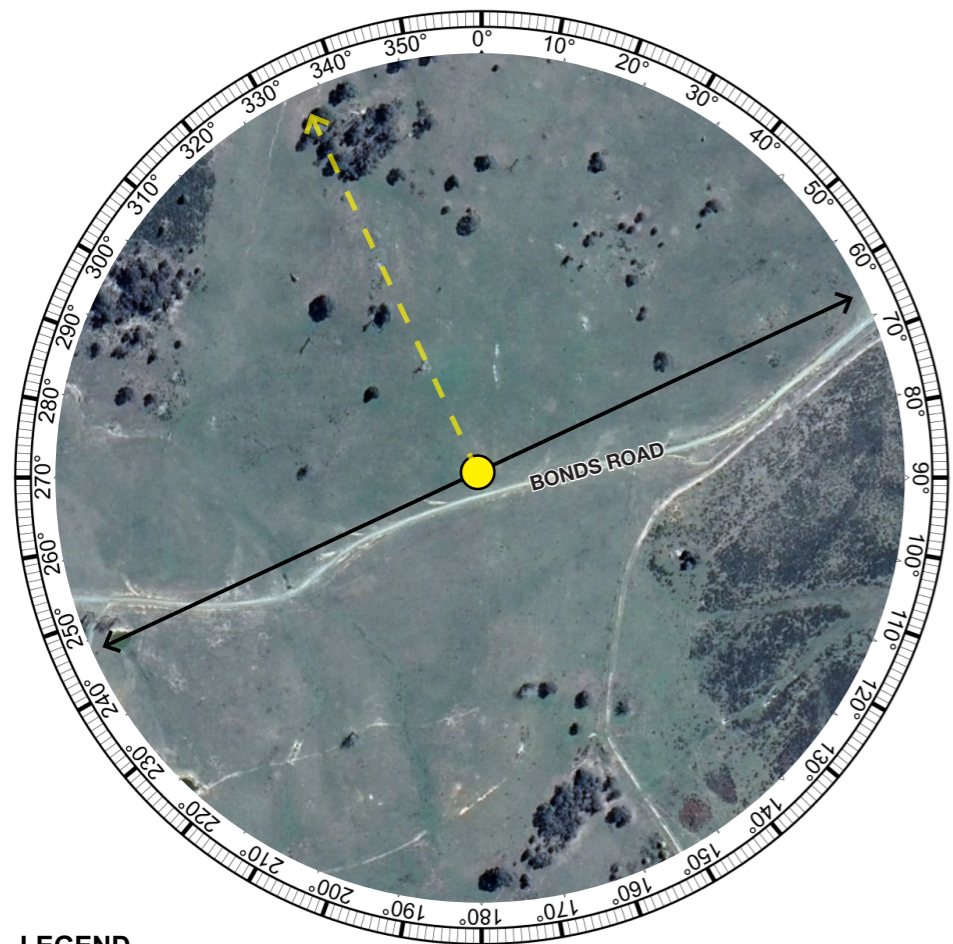
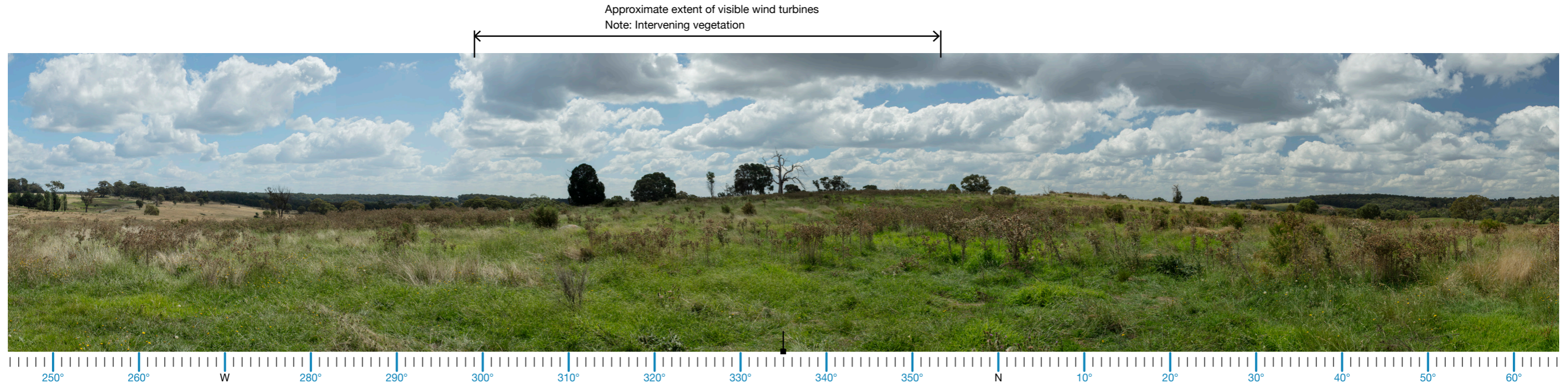




Public Viewpoint Analysis

BWF01 Bonds Road, Hargraves.

180° Baseline Panorama (Existing View)



LEGEND

	Viewing direction and centre of panorama		Extent of panorama
	Direction of potentially visible turbines		Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF01

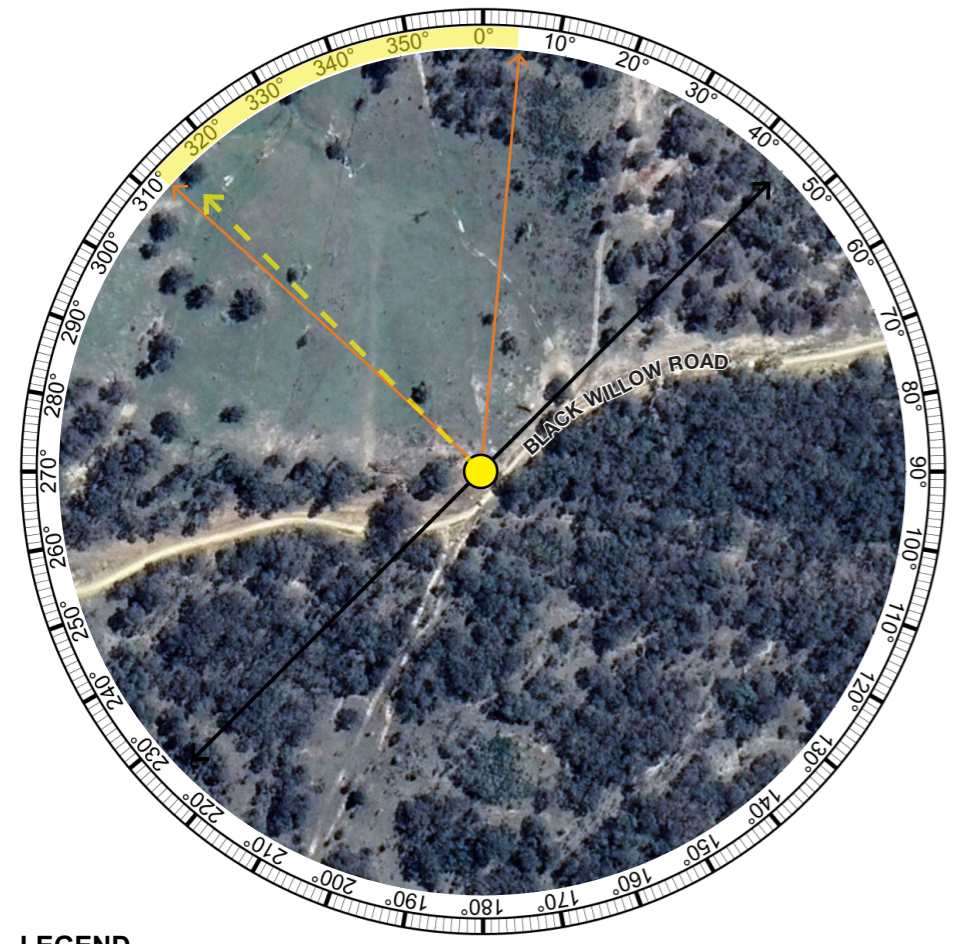
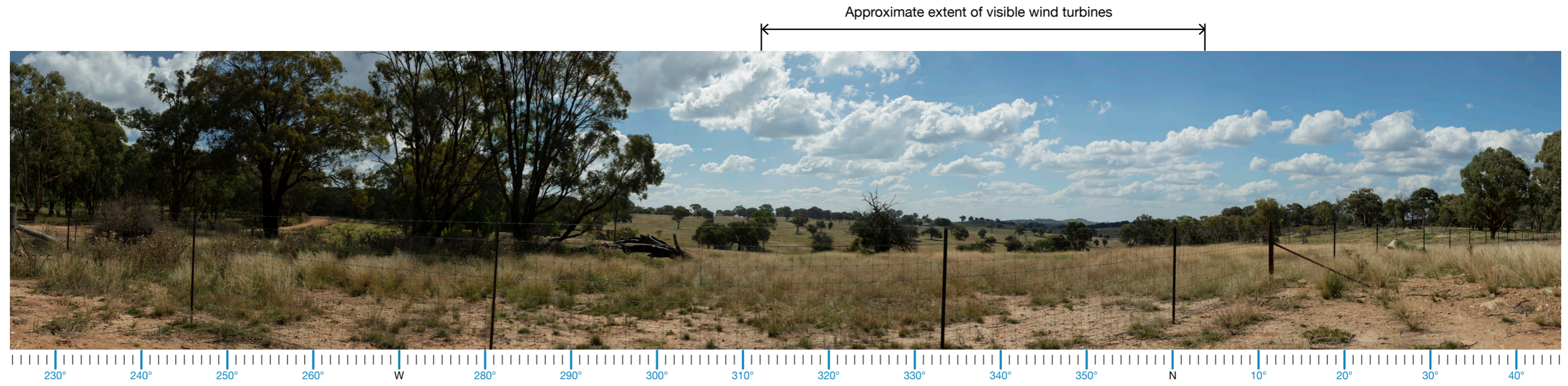
Viewpoint Summary:	
Location:	Elevation:
Bonds Road, Hargraves	885m
Coordinates:	Viewing Direction:
32°49'22.63"S 149°22'18.91"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
9.24 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02 Yarrabin / Hargraves Farmlands	Low / Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
View from Bonds Road, approximately 9 kilometres south of the Project Site. Bonds Road is an unsealed minor road which provides access to several isolated rural dwellings. Land in this area is largely cleared for grazing and slightly undulating. Views extend to the vegetated hills to the north.
Potential Visual Impact:
From this location, it is likely views to the Project would be available to the north of the viewpoint, in excess of 9 kilometres to the north of this viewpoint. Existing vegetation is likely to fragment views to the turbines.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF02 Black Willow Road, Hargraves.

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Extent of panorama
 - Direction of potentially visible turbines
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF02

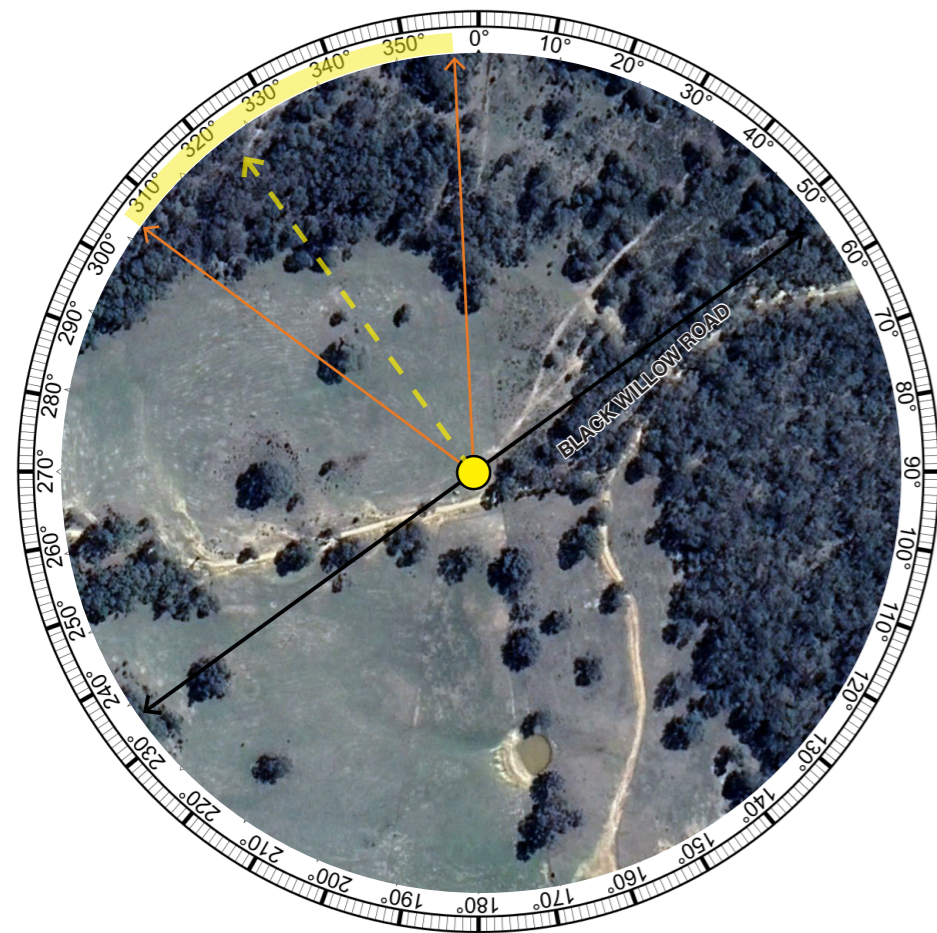
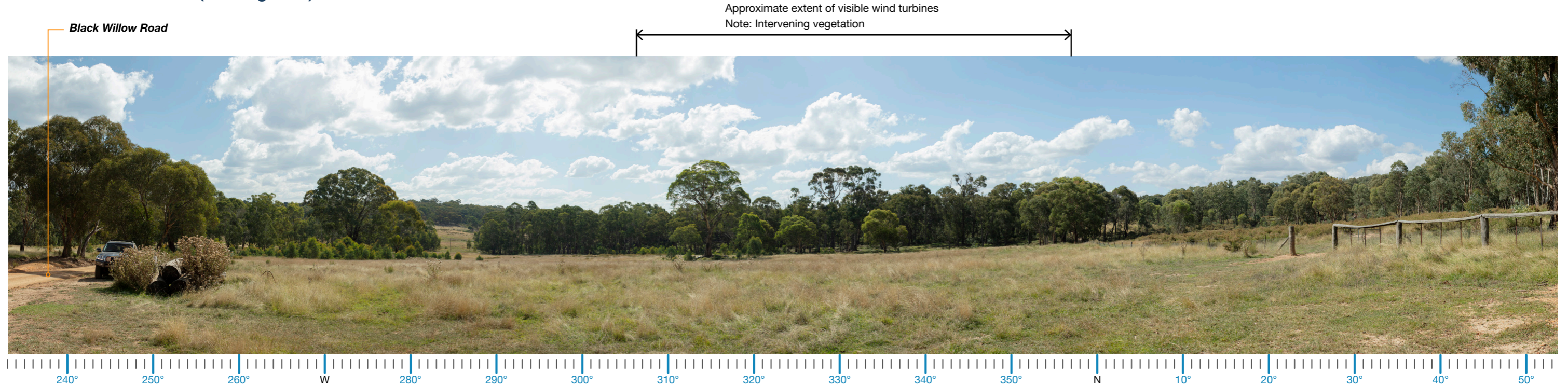
Viewpoint Summary:	
Location:	Elevation:
Black Willow Road, Hargraves	834m
Coordinates:	Viewing Direction:
32°47'14.22"S 149°20'40.59"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
4.60 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02 Yarrabin / Hargrave Farmlands	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
View from a cleared section of Black Willow Road, approximately 4.6 kilometres east of the nearest turbine. Black Willow Road is an unsealed minor road which provides access to isolated rural dwellings. The undulating land in this area is a combination of vegetated hills with foothills areas that have been cleared for grazing. Roadside vegetation typical of Black Willow Road is visible to the west in the viewpoint. Views extend to the vegetated hills to the north.
Potential Visual Impact:
From this location, it is likely views to the nearest turbines will be screened by vegetation to the west. The nearest visible turbine Project will be approximately 4.6 km to the NNW of this viewpoint.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF03 Black Willow Road, Hargraves

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Direction of potentially visible turbines
 - Extent of panorama
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF03

Viewpoint Summary:	
Location:	Elevation:
Black Willow Road, Hargraves.	799m
Coordinates:	Viewing Direction:
32°47'3.01"S 149°21'22.88"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
4.78 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02 Yarrabin / Hargraves Farmlands	Low / Moderate
Visual Influence Zone: VIZ3	

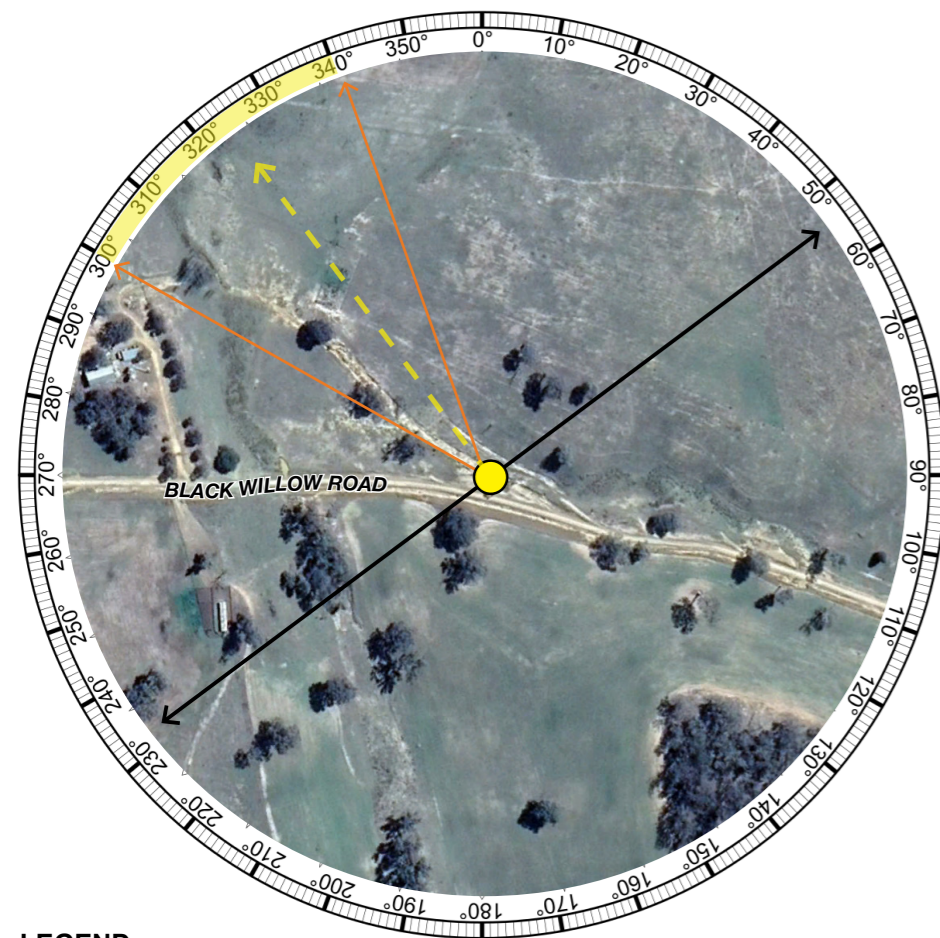
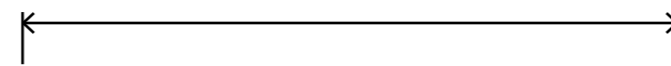
Existing Landscape Character Description:
View from Black Willow Road, looking in a generally north west direction. Land is slightly undulating, sloping towards Smiths Creek to the west. Land is cleared for grazing with dense vegetation containing views to the north and north east.
Potential Visual Impact:
From this viewpoint, it is likely that views to the tips of turbines will be available to the north west. Vegetation in the foreground is likely to fragment views.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.
Note: Refer to Dwelling Assessment (Appendix D) for detailed assessment of nearby dwellings.

BWF04 Black Willow Road, Hargraves

180° Baseline Panorama (Existing View)

Approximate extent of visible wind turbines (Note: intervening vegetation)



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of visible turbines (Based on topography alone)

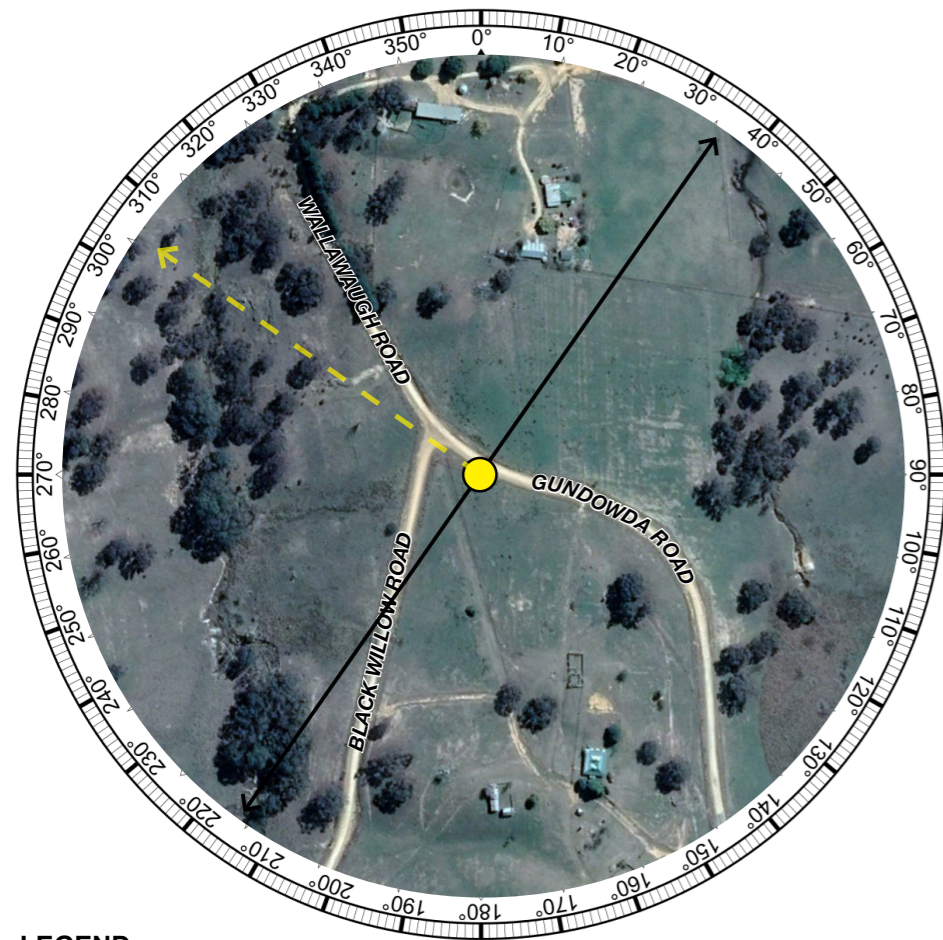
VIEWPOINT BWF04

Viewpoint Summary:	
Location:	Elevation:
Black Willow Road, Hargraves	807m
Coordinates:	Viewing Direction:
32°46'26.48"S 149°22'48.72"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
5.63 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02 Yarrabin / Hargraves Farmlands	Low / Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:	Visual Performance Objectives:
View from Black Willow Road, approximately 3 kilometres north west of the intersection with Wallawaugh Road. Land in this area is undulating and predominately cleared, with some scattered remnant vegetation and dense vegetation visible on the ridge to the north west.	VIZ3 - No performance objectives apply to this location.
Potential Visual Impact:	
From this location, views to the Project will be available in excess of 5 kilometres, beyond the vegetated hills to the north west. Existing vegetation in the middleground is likely to fragment views to some turbines associated with the Project.	

BWF05 Gundowda Road near Black Willow Road and Wallawaugh Road, Hargraves.

180° Baseline Panorama (Existing View)



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF05

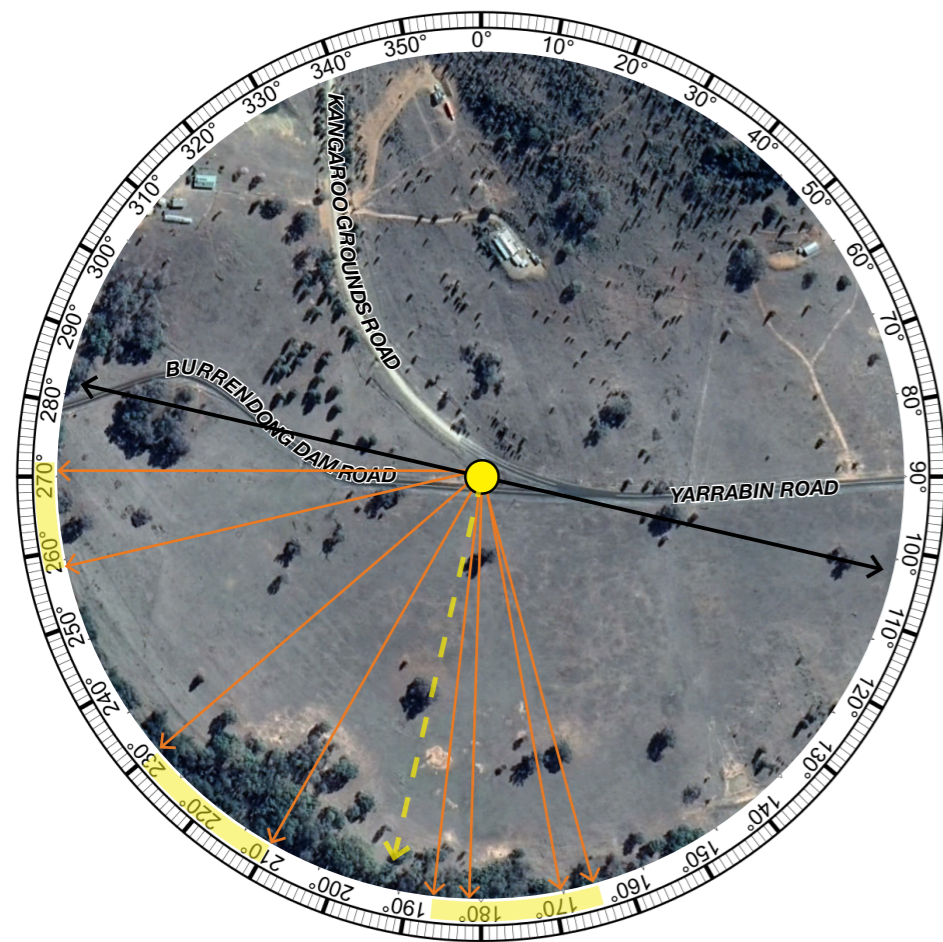
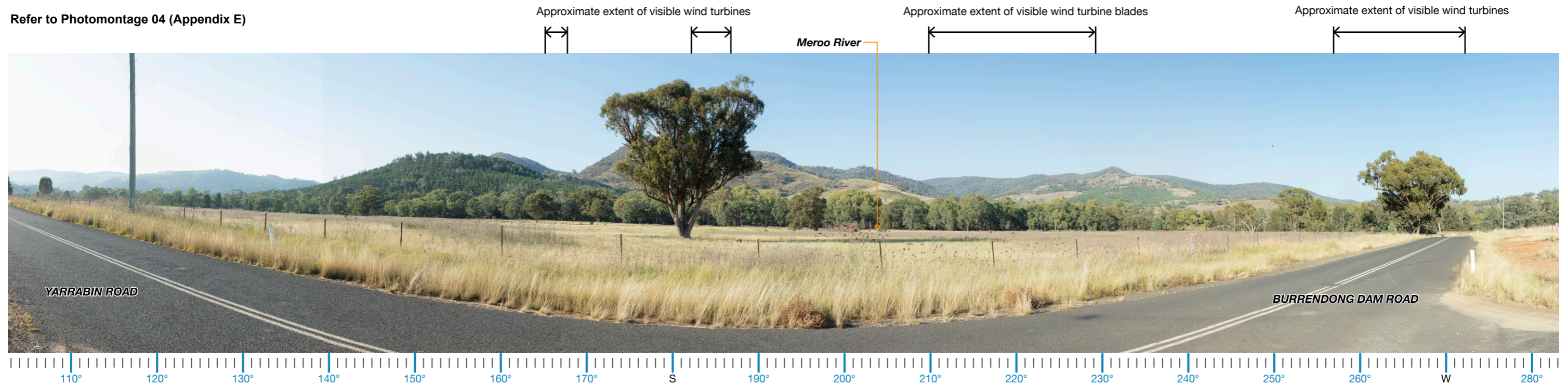
Viewpoint Summary:	
Location:	Elevation:
Gundowda Road near Black Willow Road and Wallawaugh Road, Hargraves.	803m
Coordinates:	Viewing Direction:
32°46'50.63"S 149°24'18.67"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
8.04km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02 Yarrabin / Hargraves Farmlands	Low / Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:	Visual Performance Objectives:
View from Gundowda Road, near the intersection of Wallawaugh Road and Black Willow Road. Land slopes to the south to Scabbing Yard Creek. Views are contained by the vegetated ridge to the west.	VIZ3 - No performance objectives apply to this location.
Potential Visual Impact:	
Based on an assessment of topography, it is determined that no turbines will be visible from this viewpoint location.	

BWF06 Corner of Yarrabin / Burrendong Dam Road

180° Baseline Panorama (Existing View)

Refer to Photomontage 04 (Appendix E)



- LEGEND**
- Viewing direction and centre of panorama
 - Direction of potentially visible turbines
 - Extent of visible turbines (Based on topography alone)
 - Extent of panorama

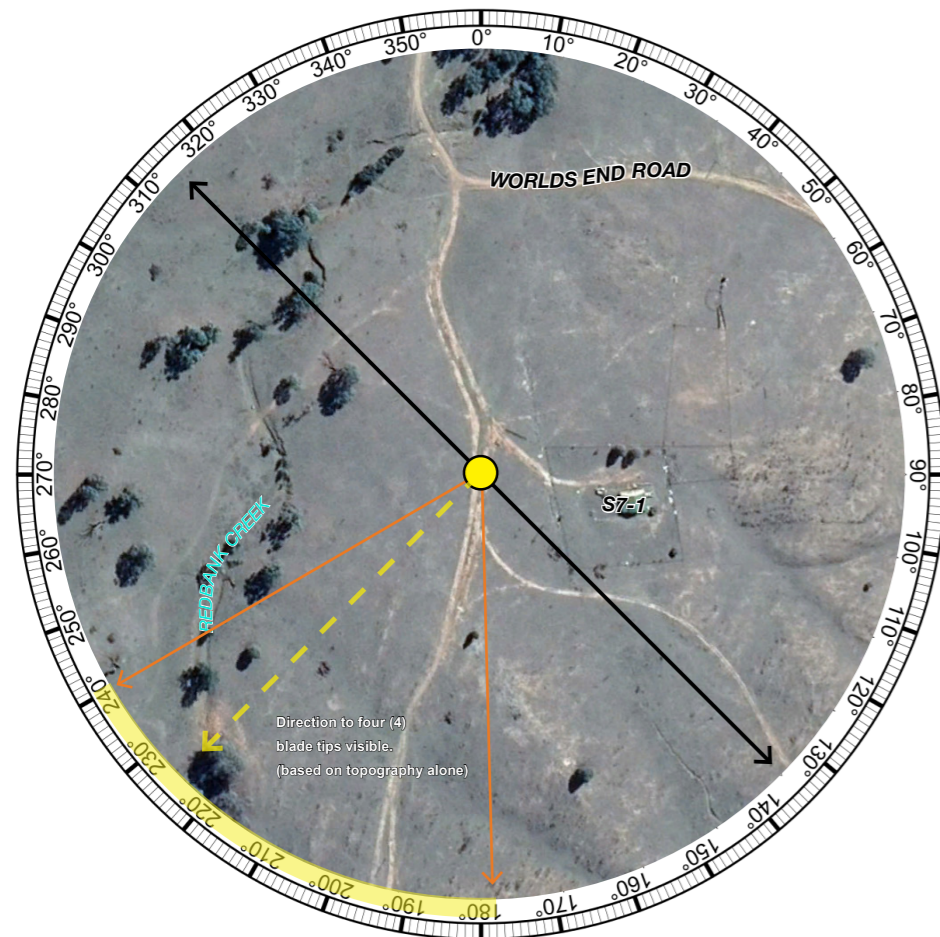
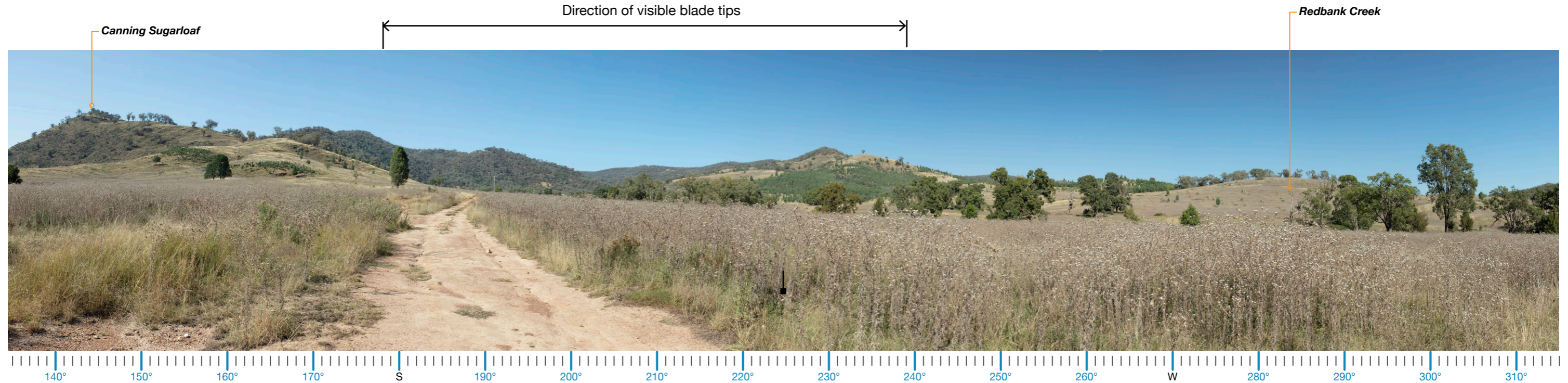
VIEWPOINT BWF06

Viewpoint Summary:	
Location:	Elevation:
Cnr of Yarrabin Road / Burrendong Dam Road	377m
Coordinates:	Viewing Direction:
32°37'31.08"S 149°19'36.36"E	South West
Distance to nearest WTG:	Visibility Distance Zone:
4.27 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Main Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:	Visual Performance Objectives:
View from the intersection of Yarrabin / Burrendong Dam Road and Kangaroo Grounds Road. Land is characterised by cleared grazing land with vegetated hills. Vegetation associated with the Meroo River is visible in the foreground.	VIZ3 - No performance objectives apply to this location.
Potential Visual Impact:	
Based on an assessment of topography alone, it is likely small extents of the Project will be visible in four (4) locations along the ridgeline, generally between the south and west. Views will be fragmented in some locations by existing vegetation in the foreground.	
<i>Refer to Photomontage 01 (Appendix E).</i>	

BWF07 Worlds End Road, Yarrabin

180° Baseline Panorama (Existing View)



LEGEND	
	Viewing direction and centre of panorama
	Extent of panorama
	Direction of potentially visible turbines
	Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF07

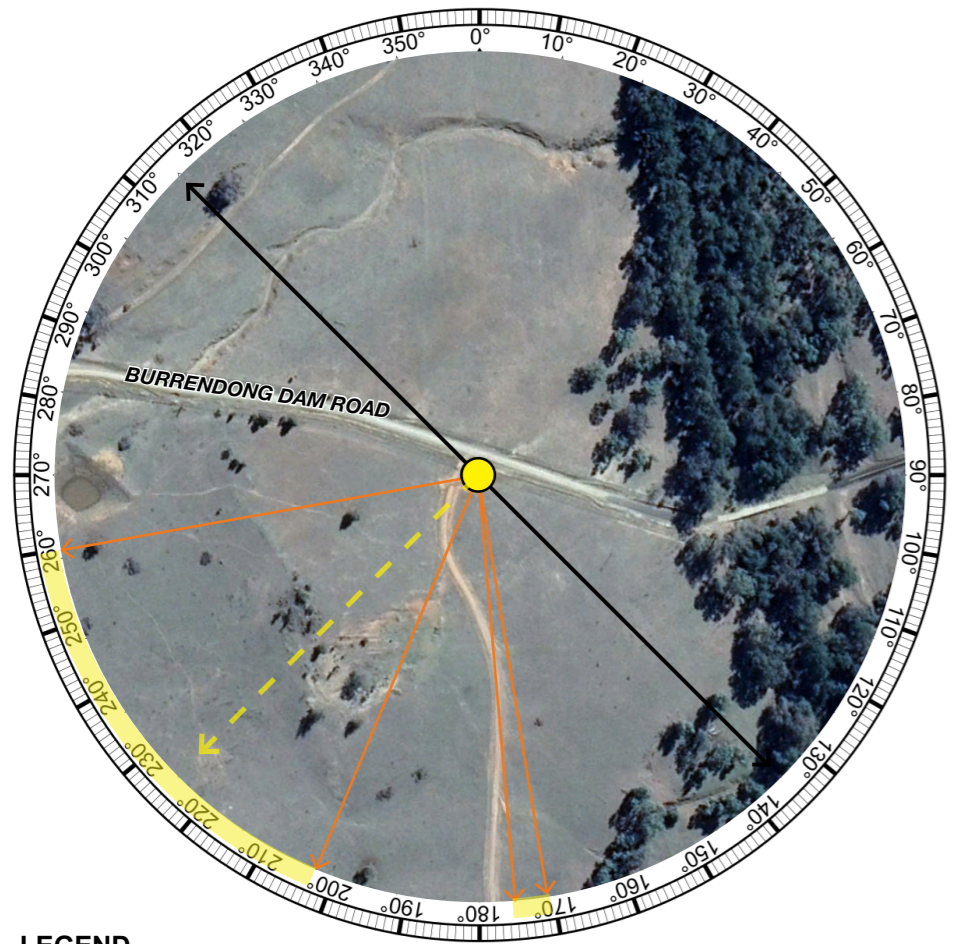
Viewpoint Summary:	
Location:	Elevation:
Worlds End Road, Yarrabin near Dwelling S7-2.	394m
Coordinates:	Viewing Direction:
32°37'49.61"S 149°19'12.88"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
3.67 km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
Viewpoint was taken approximately 90 metres to the west of dwelling S7-1, located off Worlds End Road. This unsealed road is a minor road which provides access to S7-1 and R8-1 (located approximately 1.2 kilometres south of this point). Land in this area is characterised by cleared grazing land surrounded by steep, vegetated ranges. Views to the south are contained by the steep hills. Vegetation associated with Redbank Creek is visible in the foreground.
Potential Visual Impact:
Based on an assessment of topography alone, it is likely small a total of four (4) blade tips would be visible beyond the ridgeline to the south. It is anticipated the tips would be difficult to discern, due to fragmentation by vegetation and distance.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.
Note: Refer to Dwelling Assessment (Appendix D) for detailed assessment of nearby dwellings.

BWF08 Burrendong Dam Road & Worlds End Road, Hargraves

180° Baseline Panorama (Existing View)



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of visible turbines (Based on topography alone)

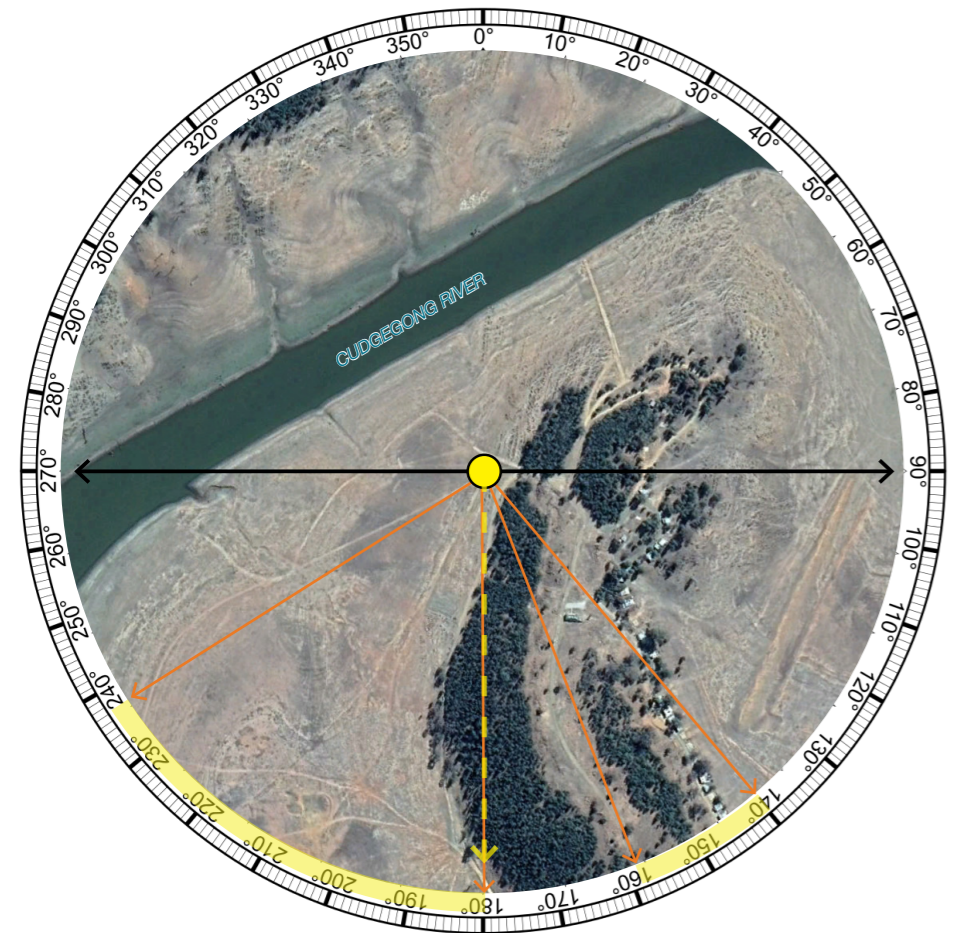
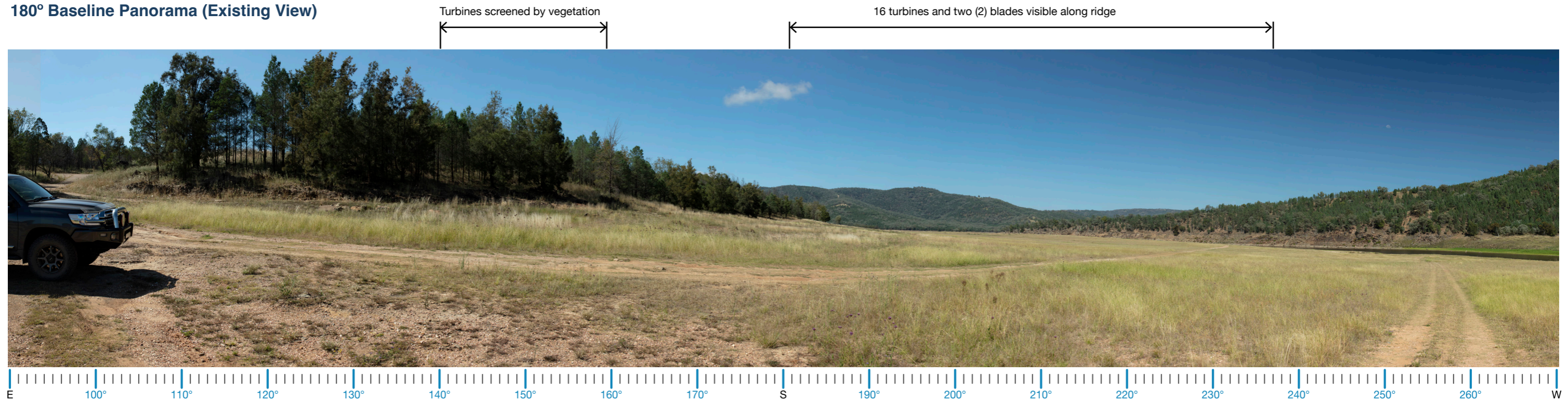
VIEWPOINT BWF08

Viewpoint Summary:	
Location:	Elevation:
Entry to Worlds End Road, Yarrabin	372m
Coordinates:	Viewing Direction:
32°37'28.94"S 149°19'11.11"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
4.97 km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:	Visual Performance Objectives:
Viewpoint was taken at the entry to Worlds End Road, off Burrendong Dam Road. Land in this area is typical of the Meroo River Valley LCU, with land cleared on the flats and vegetation on the surrounding hills. Worlds End Road is a minor road which provides access to a number of small cottages / weekenders.	VIZ3 - No performance objectives apply to this location.
Potential Visual Impact:	
Based on an assessment of topography alone, it is likely up to four (4) turbines and four (4) blade tips will be visible from this location. Scattered vegetation in the middleground is likely to fragment views to turbines to the SSW of this location.	
Refer to Photomontage 02 (Appendix E)	

BWF09 Edge of Cudgegong River Park, Lake Burrendong.

180° Baseline Panorama (Existing View)



LEGEND

- Viewing direction and centre of panorama
- Direction of potentially visible turbines
- Extent of visible turbines (Based on topography alone)
- Extent of panorama

VIEWPOINT BWF09

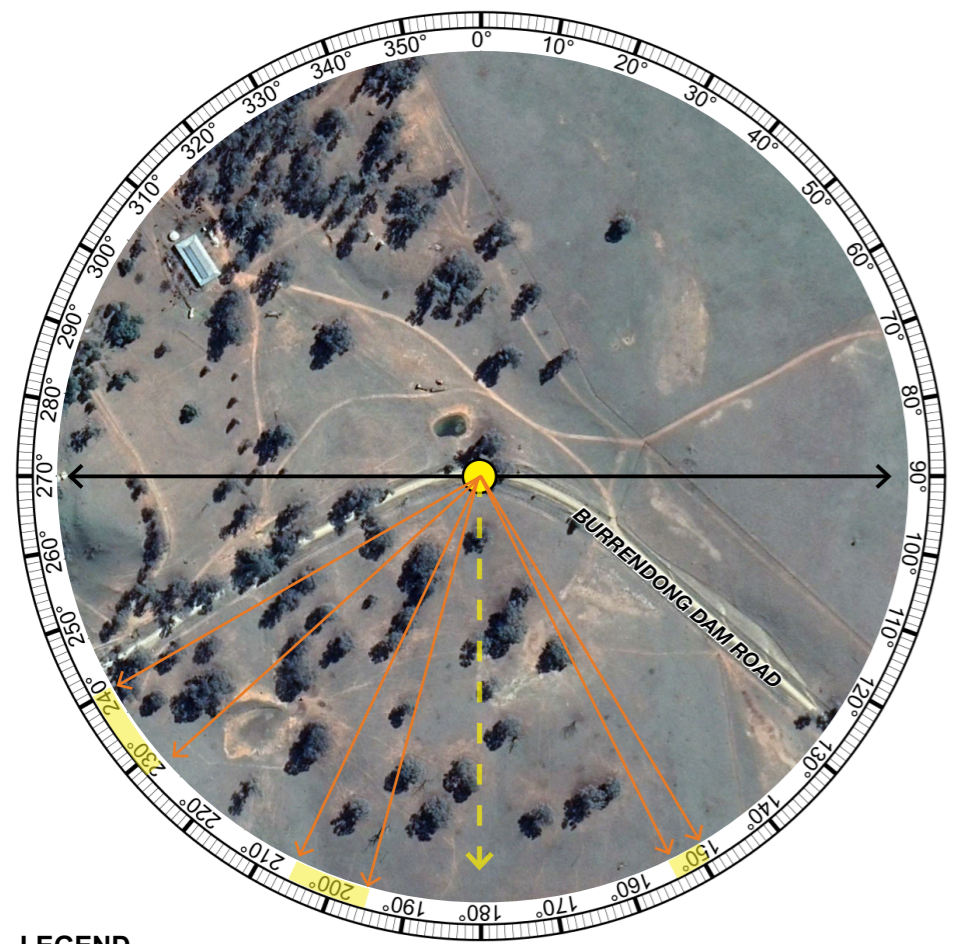
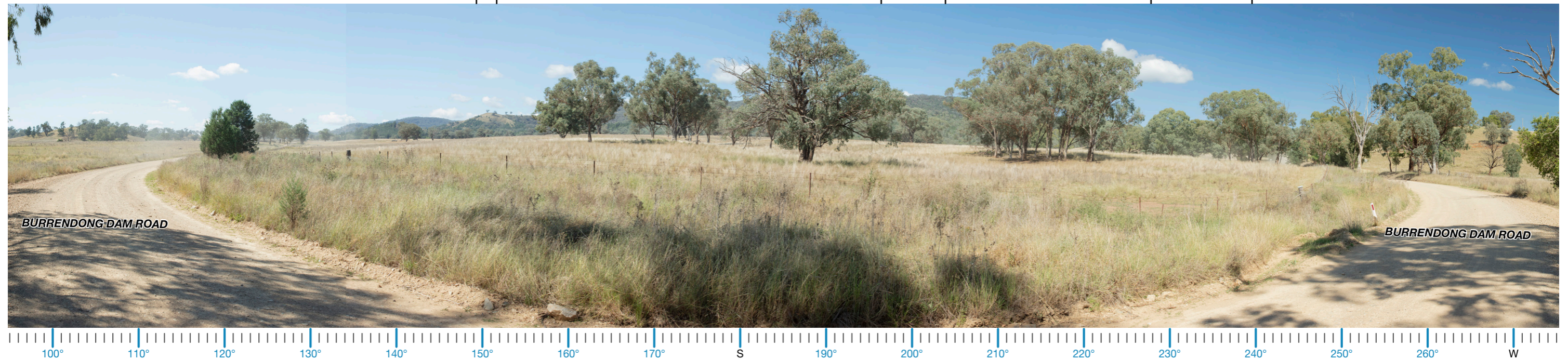
Viewpoint Summary:	
Location:	Elevation:
Edge of Cudgegong River Park, Lake Burrendong.	355m
Coordinates:	Viewing Direction:
32°37'9.47"S 149°15'9.90"E	South
Distance to nearest WTG:	Visibility Distance Zone:
3.04km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Recreation	Moderate (Level 2)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ2	

Existing Landscape Character Description:
Viewpoint was taken from boat ramp access to the Cudgegong River at Cudgegong River Park, located at the end of Burrendong Dam Road. Cudgegong River Park is a large holiday park accommodating long stay and temporary visitors. Land in this area is generally characterised by the large vegetated hills surrounding the Cudgegong River.
Potential Visual Impact:
A desktop assessment determined up to 20 turbines would be visible along the vegetated ridgeline to the south of this location.
Refer to Photomontage 03 (Appendix E)

Visual Performance Objectives:
Visual Magnitude: One (1) turbine is located within 3,350 m of the viewpoint. Views from the river bank will change as viewers move around. Therefore it would be impracticable to mitigate the visible turbine from this location.
Multiple Wind Turbine Tool: Turbines are located within one (1) 60 degree sector of the view, which is deemed acceptable for a Level 2 (moderate sensitivity) viewpoint.
Landscape Scenic Integrity: Turbines will be apparent and may be a major element in the landscape when looking to the south, however they will not dominate the existing visual catchment in this location.
Key Feature Disruption: The proposed turbines will be a visible element on the vegetated ridge to the south, however the vegetated ranges and water body will remain the dominant feature of views in this location.

BWF10 Burrendong Dam Road, Yarrabin

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Extent of panorama
 - Direction of potentially visible turbines
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF10

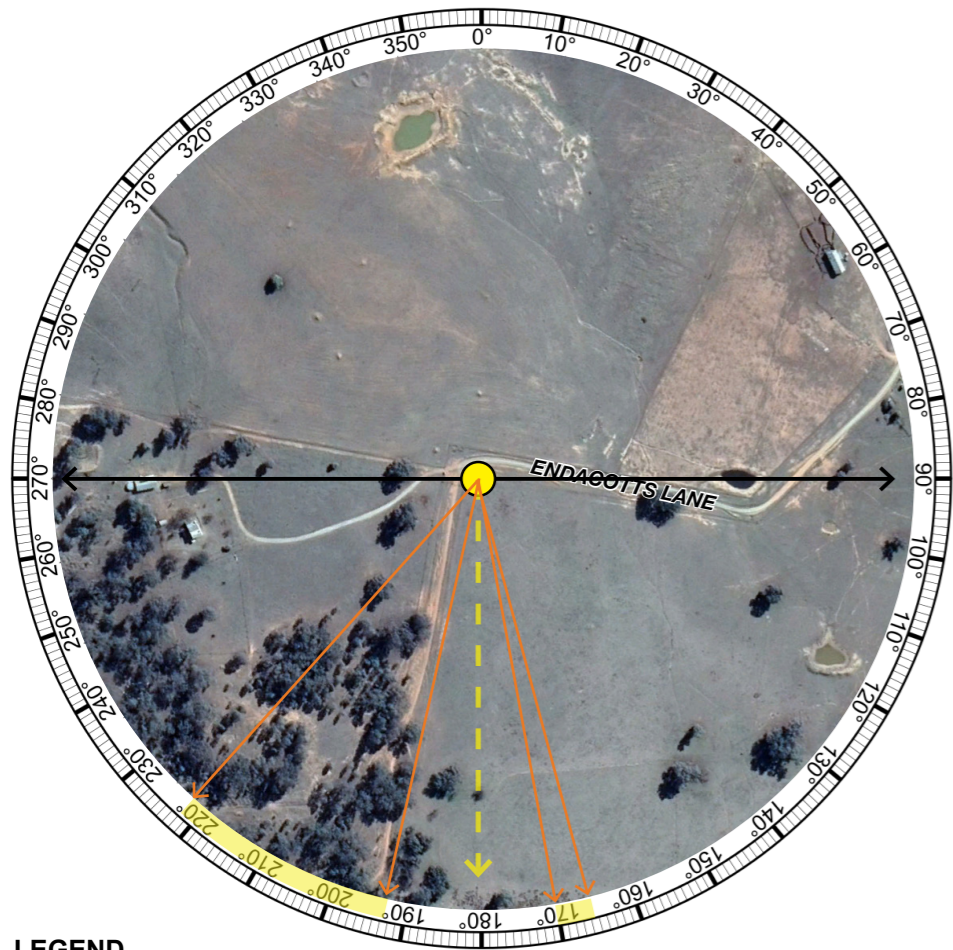
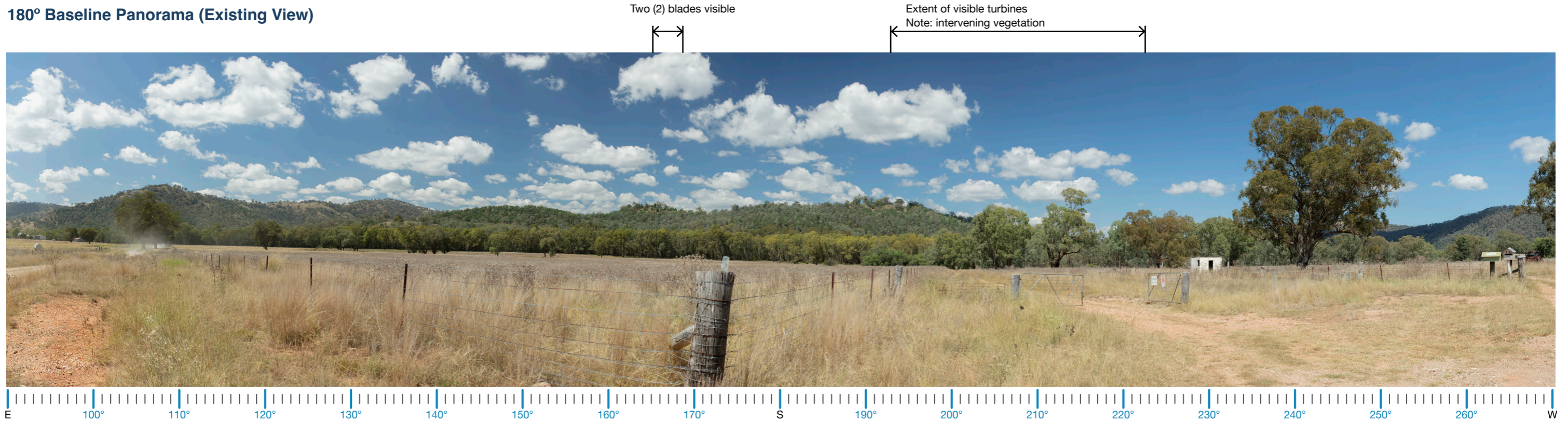
Viewpoint Summary:	
Location:	Elevation:
Burrendong Dam Road. Near Dwellings P5-1, P5-2 & P5-3	372m
Coordinates:	Viewing Direction:
32° 37'13.81"S 149° 17'38.63"E	South
Distance to nearest WTG:	Visibility Distance Zone:
3.26km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgong River Valley	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
Viewpoint was taken from Burrendong Dam Road, approximately 300 metres south east of dwelling P5-1. Burrendong Dam Road is a minor road which continues to the west to Cudgong River Park. Land is generally flat with scattered vegetation. Views are contained by the surrounding vegetated ranges.
Potential Visual Impact:
From this location, views to a small portion of the Project may be available to the south and south-south east. Views are likely to be fragmented by scattered vegetation in the foreground. Views to turbines to the south west are likely to be screened by vegetation.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF11 Endacotts Lane, Yarrabin

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Extent of panorama
 - Direction of potentially visible turbines
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF11

Viewpoint Summary:

Location:	Elevation:
Off Endacotts Ln, Yarrabin.	366m
Coordinates:	Viewing Direction:
32° 35'23.99"S 149°18'1.40"E	South
Distance to nearest WTG:	Visibility Distance Zone:
7.07 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:

Viewpoint was taken from Endacotts Lane, a low use, unsealed road which runs in a generally south west direction from Yarrabin and provides access to several dwellings. Land is generally flat, associated with the bank of the Meroo River, with surrounding vegetated hills containing views.

Potential Visual Impact:

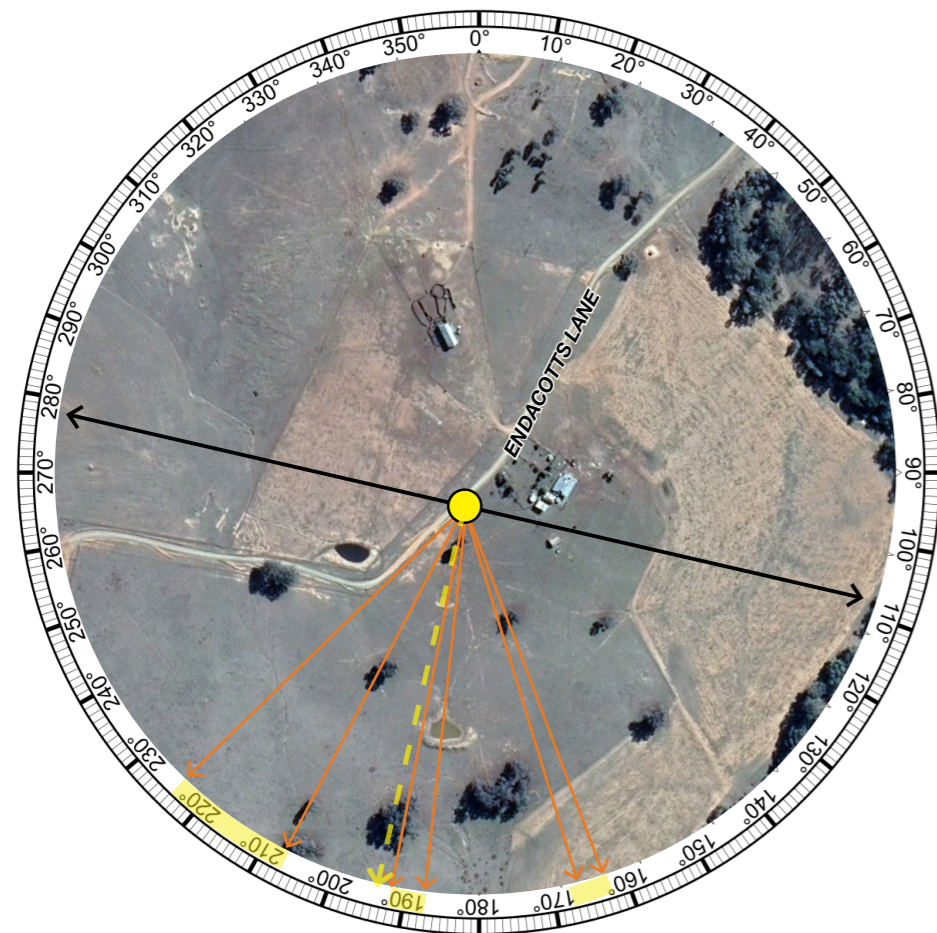
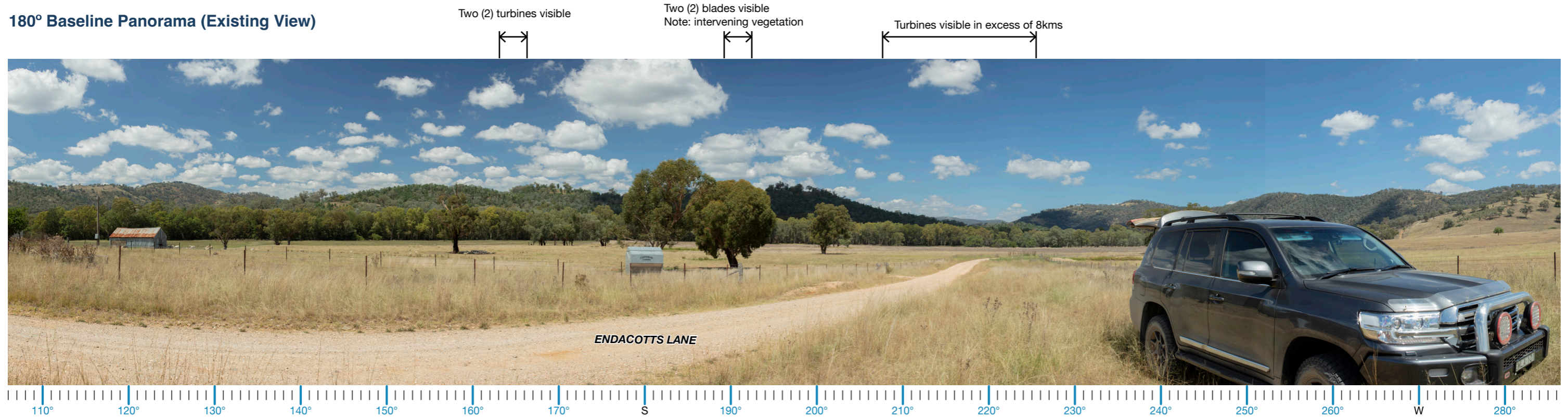
From this location, an assessment based on topography alone approximately 20 turbines and two (2) blades would be visible from this location, however vegetation which is typical of the area is likely to fragment views to the turbines, particularly to the SSW.

Visual Performance Objectives:

VIZ3 - No performance objectives apply to this location.

BWF12 Endacotts Lane, Yarrabin

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Direction of potentially visible turbines
 - Extent of panorama
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF12

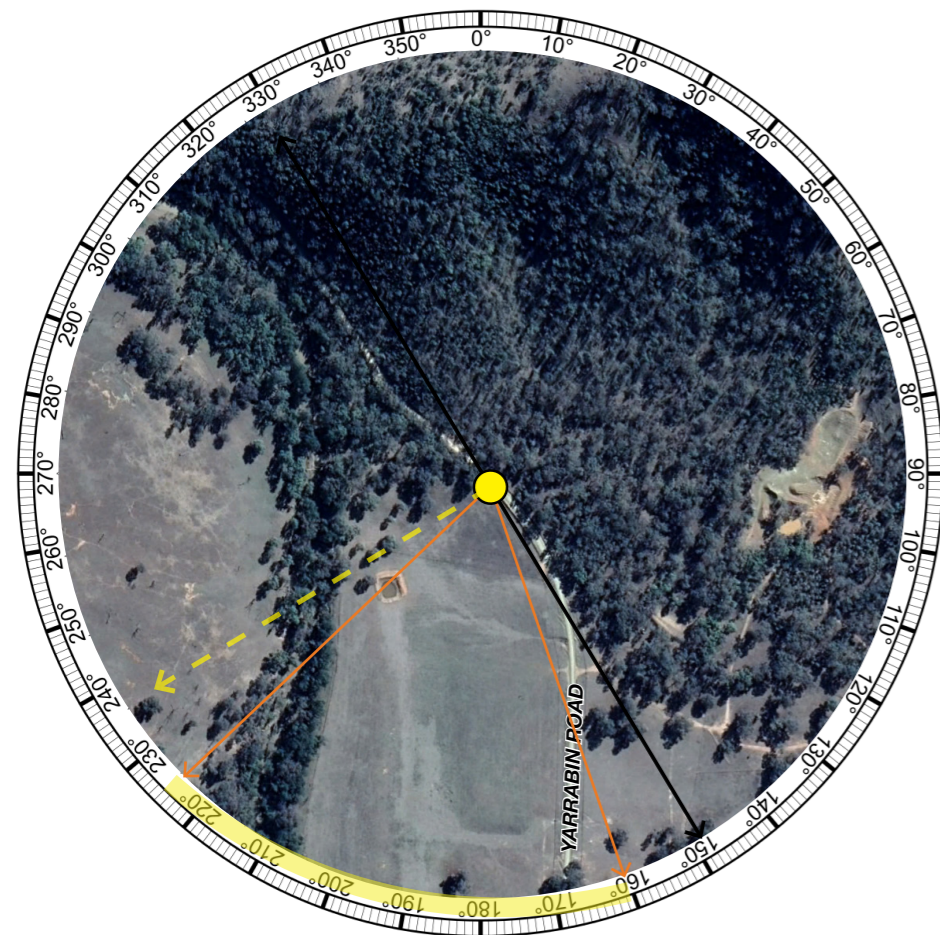
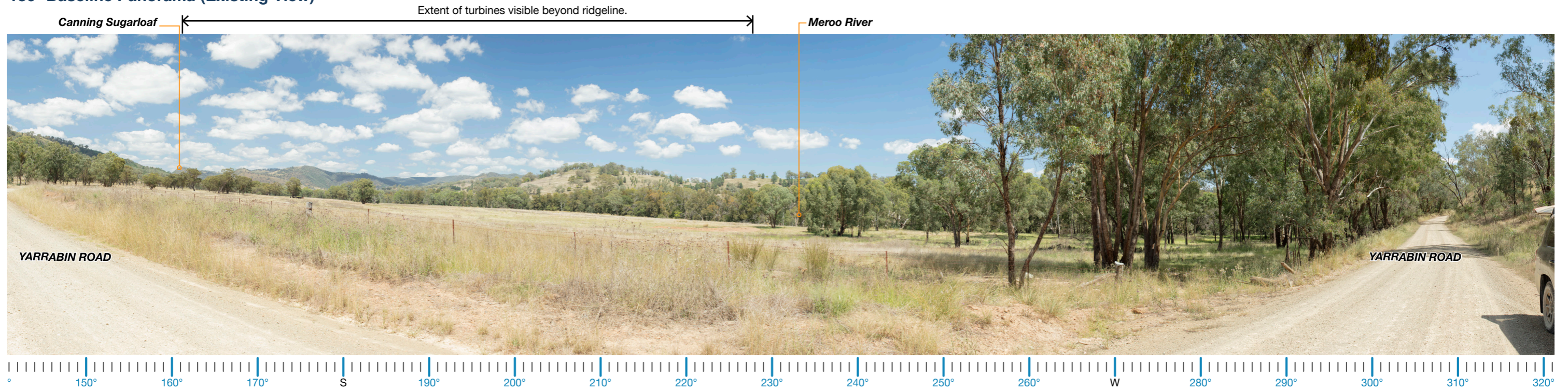
Viewpoint Summary:	
Location:	Elevation:
Endacotts Lane, Yarrabin. Near Dwelling ND-12	378m
Coordinates:	Viewing Direction:
32° 35'22.28"S 149° 18'13.89"E	South
Distance to nearest WTG:	Visibility Distance Zone:
7.28 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
Viewpoint was taken from Endacotts Lane, at the driveway to a dwelling. Land is generally flat, associated with the bank of the Meroo River, with surrounding vegetated hills containing views.
Potential Visual Impact:
Views to the Project from this location will be limited to four (4) turbines located in excess of 7.28 km to the south and up to 15 turbines visible to the south west (in excess of 8kms). Scattered vegetation in the foreground is likely to fragment views from some viewing locations.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF13 Yarrabin Road, Yarrabin

180° Baseline Panorama (Existing View)



LEGEND

	Viewing direction and centre of panorama		Extent of panorama
	Direction of potentially visible turbines		Extent of visible turbines (Based on topography alone)

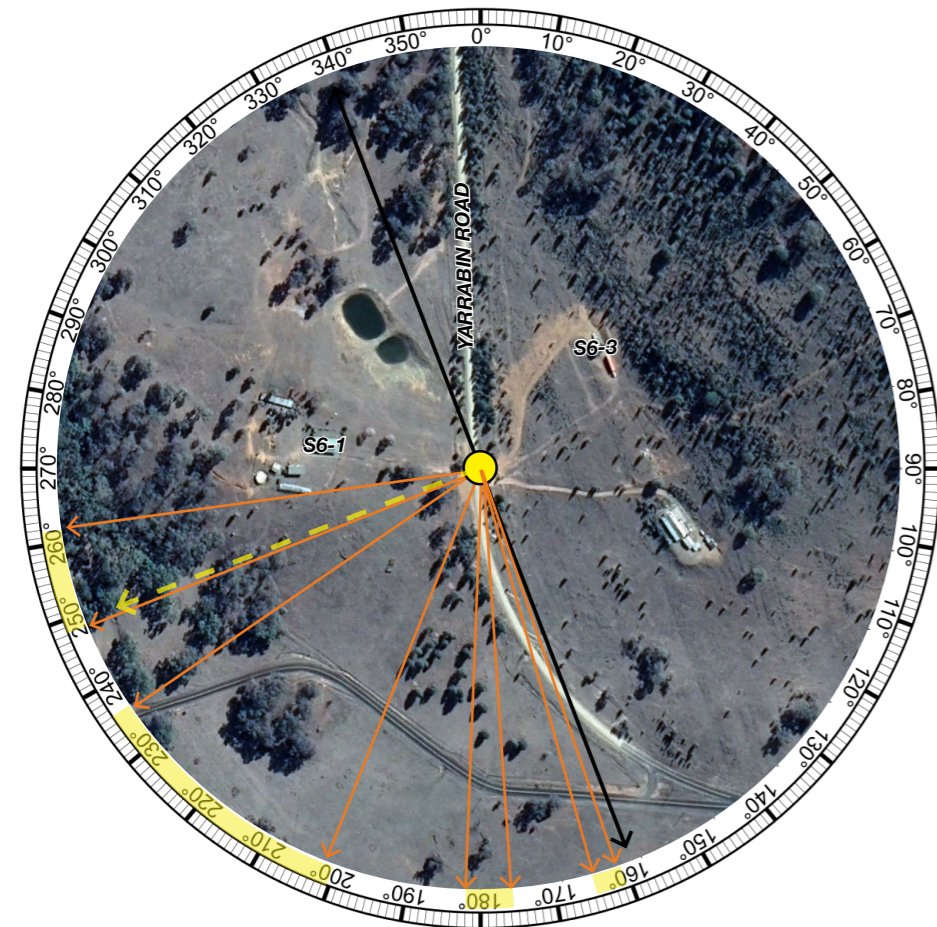
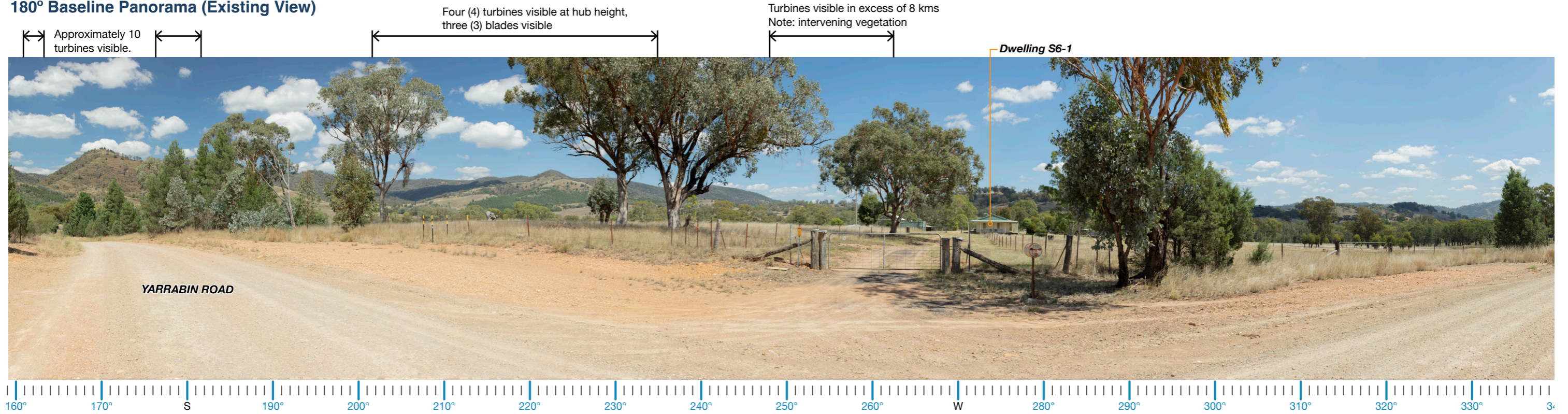
VIEWPOINT BWF13

Viewpoint Summary:	
Location:	Elevation:
Yarrabin Rd, Yarrabin.	371m
Coordinates:	Viewing Direction:
32° 95'55.48"S 149° 19'12.70"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
6.95 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:	Visual Performance Objectives:
View from a clearing along the otherwise vegetated roadside associated with Yarrabin Road. Views from this low use road extend across cleared grazing land to distant vegetated hills. Vegetation associated with the Meroo River is visible in the middleground of the viewpoint.	VIZ3 - No performance objectives apply to this location.
Potential Visual Impact:	
From this location, views will be available to turbines associated with the Project to the south and south south-west. Views will be brief and limited to motorists travelling in a south direction.	

BWF14 Yarrabin Road, Yarrabin

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Direction of potentially visible turbines
 - Extent of panorama
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF14

Viewpoint Summary:	
Location:	Elevation:
Yarrabin Rd, Yarrabin.	383m
Coordinates:	Viewing Direction:
32° 37'22.88"S 149° 19'31.00"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
4.47 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU04: Cudgegong River Valley	Moderate
Visual Influence Zone: VIZ3	

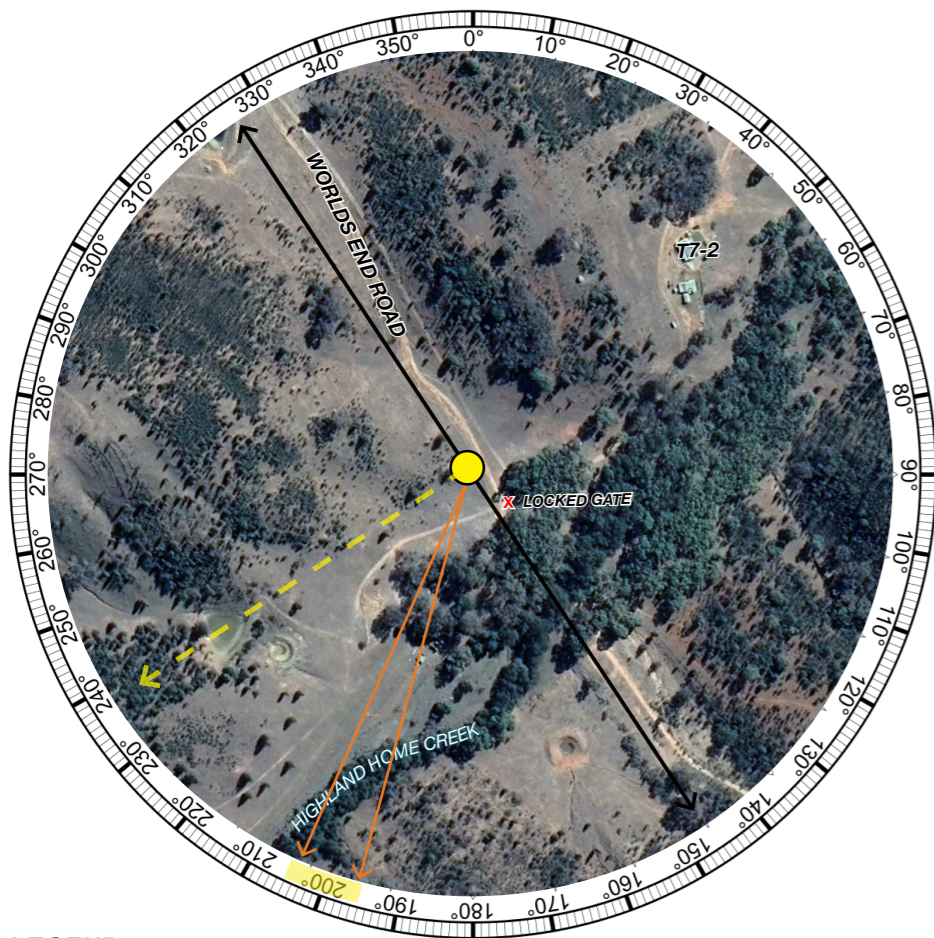
Existing Landscape Character Description:
View from the driveway entry to Dwelling S6-1 on Yarrabin Road. This viewpoint is located approximately 300 m north of the intersection with Burrendong Dam Road. Dwelling S6-3 is located to the west of this viewpoint. Land is typically flat and cleared with the exception of some scattered vegetation, roadside vegetation and plantings surrounding the dwelling in the foreground.
Potential Visual Impact:
From this location, views will be available to turbines associated with the Project to the south and south-west. Vegetation in the foreground is likely to fragment views to the Project in some locations.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location. Note: Refer to Dwelling Assessment for detailed assessment of nearby dwellings.

BWF15 Worlds End Rd, Yarrabin

180° Baseline Panorama (Existing View)

Two (2) turbines visible
Note: intervening vegetation



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF15

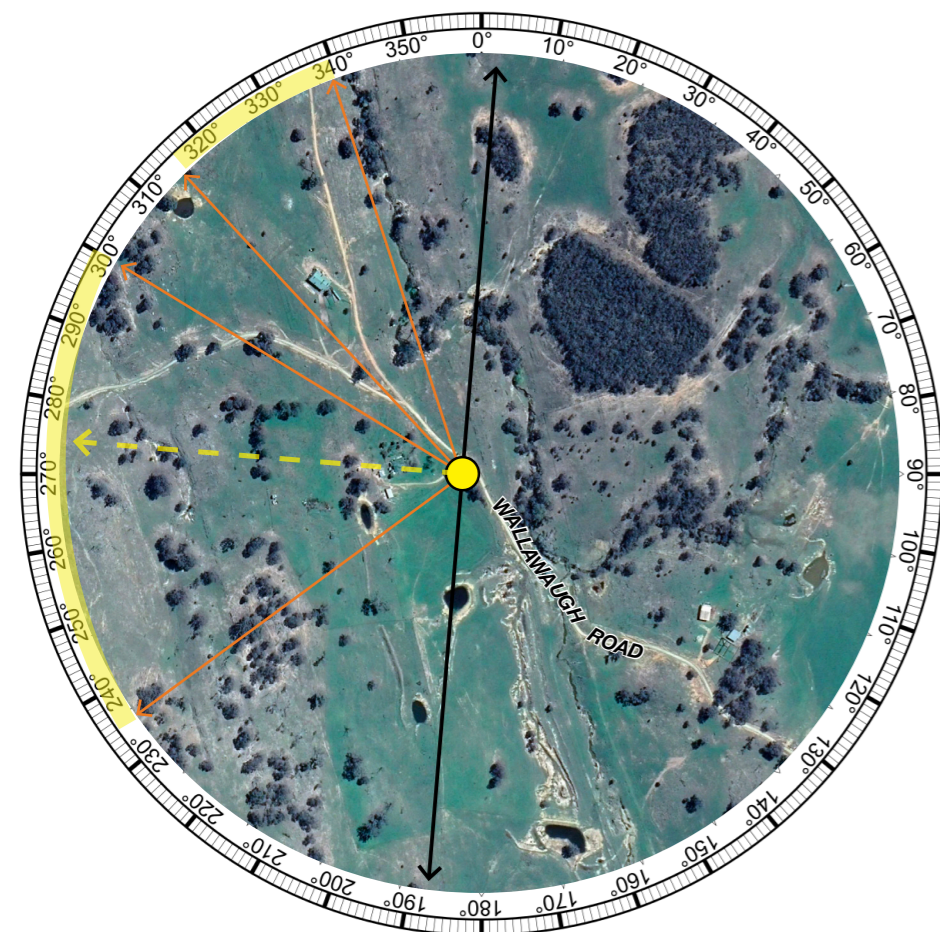
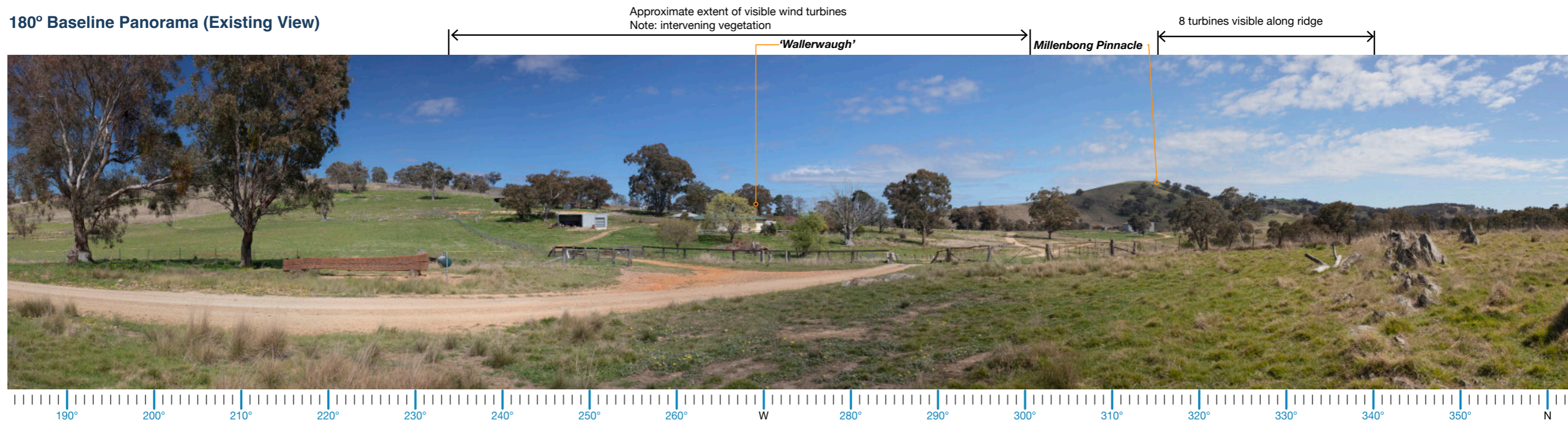
Viewpoint Summary:	
Location:	Elevation:
Worlds End Rd, Yarrabin. Dwelling T8-1	418m
Coordinates:	Viewing Direction:
32° 38'20.40"S 149°20'5.83"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
2.96 km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU07: Worlds End	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
View from Worlds End Road, near Highland Home Creek. This is the furthest point of travel along Worlds End Road before a locked gate prevents public access. Land in this area is typical of the Worlds End Landscape Character Unit, defined as the valley floor associated with the eastern extent of the Meroo River. Steep vegetated hills surround the valley floor.
Potential Visual Impact:
From this location, views will be available to two (2) turbines to the south. Existing vegetation surrounding dwelling structure in the foreground is likely to reduce visibility, however it is anticipated the tips of turbines will likely be visible above the vegetation.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location. Note: Refer to Dwelling Assessment for detailed assessment of nearby dwellings.

BWF16 Wallawaugh Road, Hargraves

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Direction of potentially visible turbines
 - Extent of visible turbines (Based on topography alone)
 - Extent of panorama

VIEWPOINT BWF16

Viewpoint Summary:	
Location:	Elevation:
Wallawaugh Road, Hargraves.	694m
Coordinates:	Viewing Direction:
32°43'10.37"S 149°21'36.89"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
1.20 km	Far Foreground (FF)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02: Yarrabin / Hargraves Farmlands	Low - Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
View from Wallawaugh Road, approximately 130 metres south east of the intersection with Highland Home Road. Land in this areas is undulating, with views contained by a rise in topography to the west and steep rise to the north west associated with Millenbong Pinnacle. Wallerwaugh Homestead is visible in the foreground.
Potential Visual Impact:
From this location turbines associated with the Project will be a visible feature in the landscape to the north west. Views to turbines to the west are likely to be fragmented by vegetation in the foreground.
<i>Refer to Photomontage 04 (Appendix E).</i>

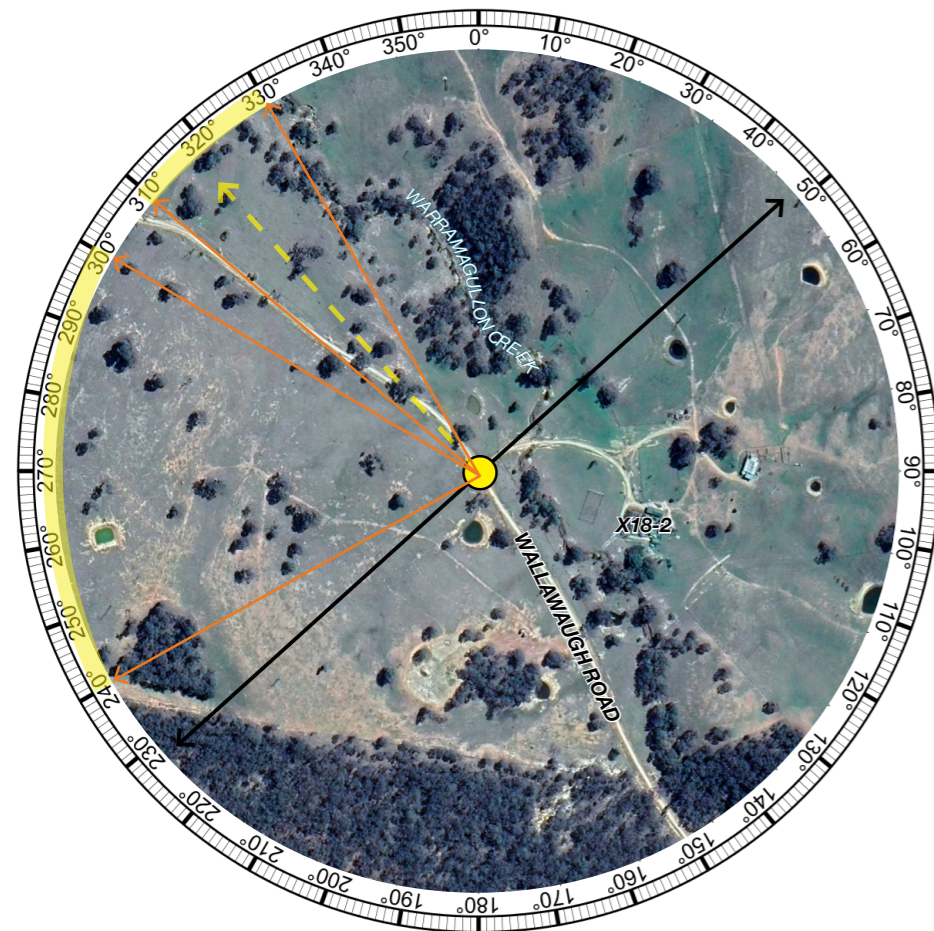
Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF17 Wallawaugh Road, Hargraves

180° Baseline Panorama (Existing View)

Direction of turbines (visible based on assessment based on topography alone) Note: intervening vegetation along rise in foreground

Direction of approximately 12 turbines (visible based on assessment based on topography alone) Note: intervening vegetation



- LEGEND**
- Viewing direction and centre of panorama
 - Extent of panorama
 - Direction of potentially visible turbines
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF17

Viewpoint Summary:	
Location:	Elevation:
Wallawaugh Rd, Hargraves.	723m
Coordinates:	Viewing Direction:
32°43'41.64"S 149°22'31.61"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
2.89 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02 Yarrabin / Hargrave Farmlands	Low - Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
View from Wallawaugh Road, at the entry to 'Waterside' (dwelling ID: X18-2). Land in this area is typical of the undulating farmland landscape character unit. Land is cleared with the exception of scattered remnant vegetation, along the roadside and associated with Warramagullon Creek.
Potential Visual Impact:
From this location turbines associated with the Project have the potential to be visible to the north west above the intervening roadside vegetation. Views to turbines to the west are likely to be fragmented by vegetation in the foreground.

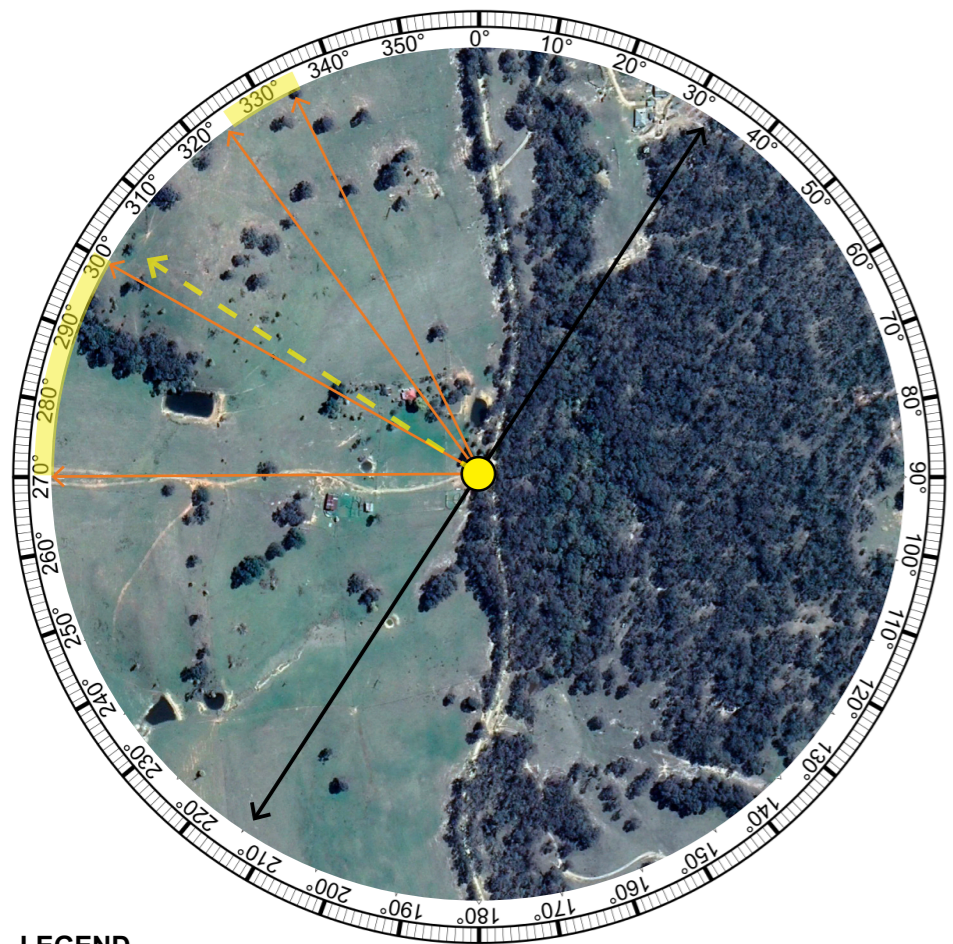
Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.
Note: Refer to Dwelling Assessment (Appendix D) for detailed assessment of nearby dwellings.

BWF18 Wallawaugh Road, Hargraves

180° Baseline Panorama (Existing View)

Six (6) blades visible
Note: intervening vegetation

Six (6) turbines visible
Note: intervening vegetation



LEGEND

- Viewing direction and centre of panorama
- Direction of potentially visible turbines
- Extent of panorama
- Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF18

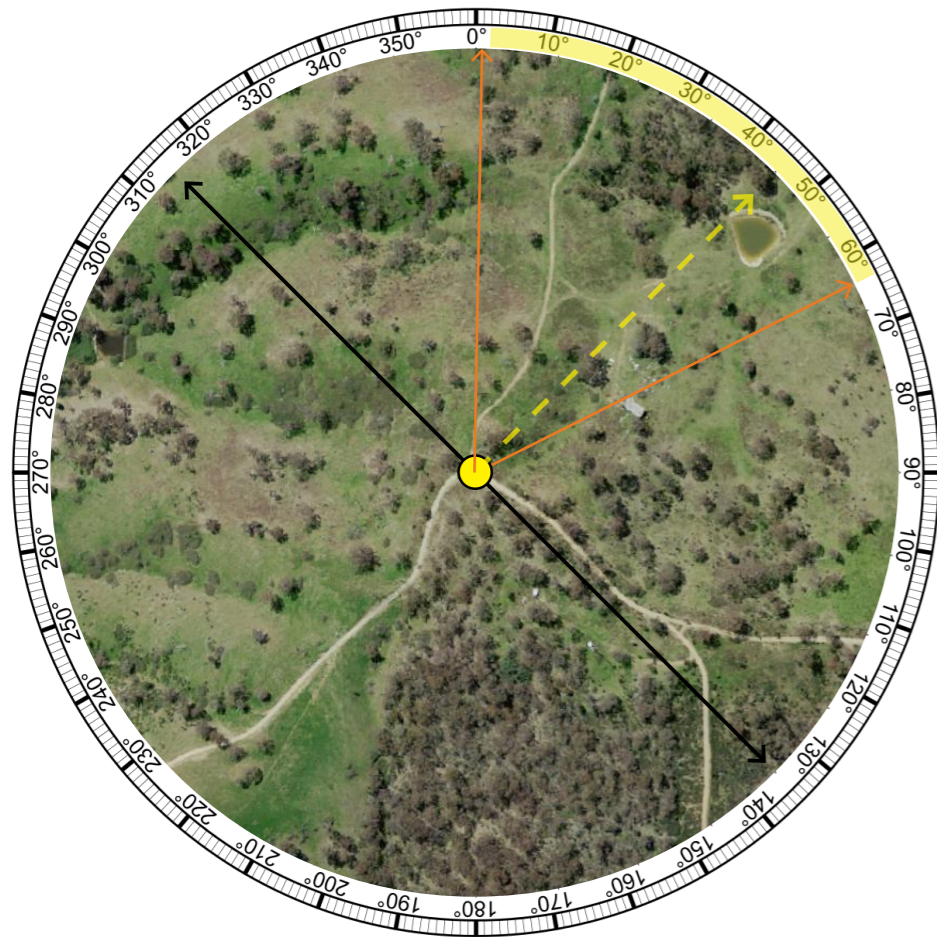
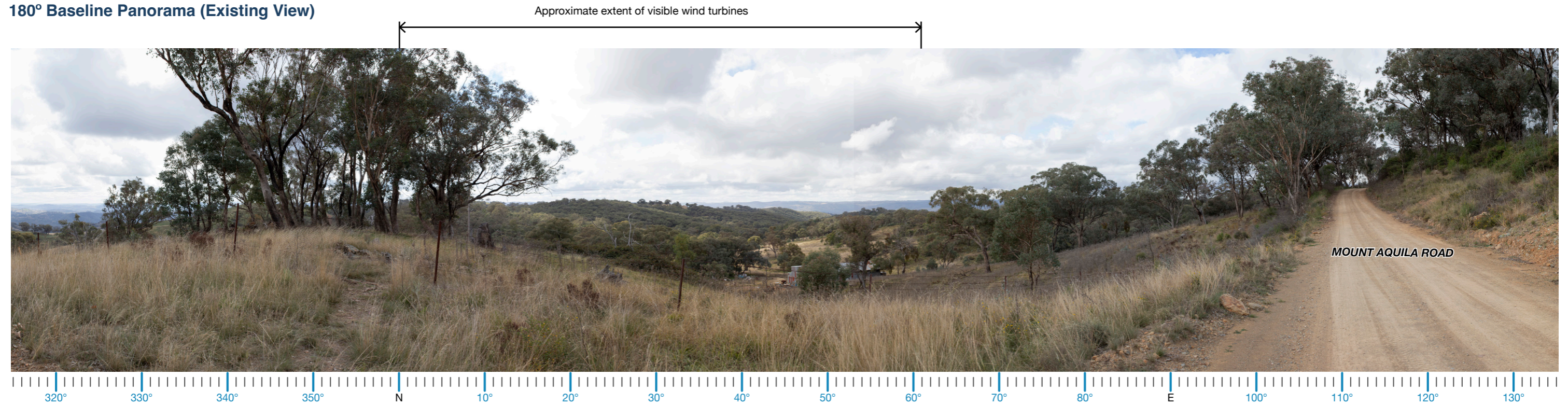
Viewpoint Summary:	
Location:	Elevation:
460 Wallawaugh Rd, Hargraves.	755m
Coordinates:	Viewing Direction:
32°44'51.28"S 149°22'43.36"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
4.68km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
LCU02 Yarrabin / Hargrave Farmlands	Low - Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
View from Wallawaugh Road. Land in this area is characterised by undulating farmland which has been cleared in some areas, however dense vegetation is still evident in some areas.
Potential Visual Impact:
Wallawaugh Road has remnant roadside vegetation containing views towards the Project for the most part. Views to the Project are unlikely to be available from this location due to the roadside vegetation.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.
Note: Refer to Dwelling Assessment (Appendix D) for detailed assessment of nearby dwellings.

BWF19 Mount Aquila Rd, Mount Aquila.

180° Baseline Panorama (Existing View)



- LEGEND**
- Viewing direction and centre of panorama
 - Direction of potentially visible turbines
 - ↔ Extent of panorama
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF19

Viewpoint Summary:	
Location:	Elevation:
Mount Aquila Rd, Mount Aquila.	787.6m
Coordinates:	Viewing Direction:
32°49'46.60"S 149° 9'8.56"E	Northeast
Distance to nearest WTG:	Visibility Distance Zone:
15.74 km	Mid Background (MB)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
N/A	N/A
Visual Influence Zone: VIZ3	

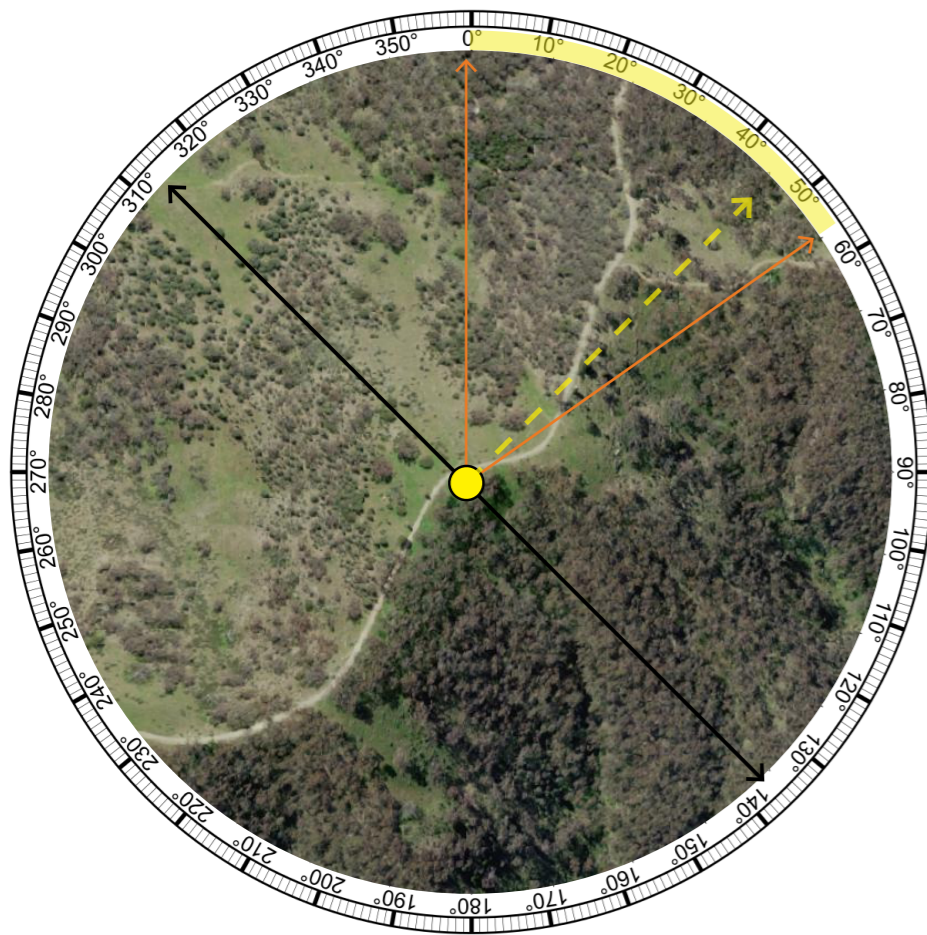
Existing Landscape Character Description:
View from Mount Aquila Road looking in a generally north east direction towards the Project Site. Mount Aquila Road is an unsealed road with a low frequency of use which is utilised to access a small number of isolated dwellings to the east of the Macquarie River. Views along Mount Aquila Road are generally contained by vegetation typical of the surrounding areas, however infrequent openings in the vegetation provide expansive views to the vegetated ranges to the north.
Potential Visual Impact:
From this viewpoint, it is likely the Project would be visible in its entirety (in excess of 15 km). Some vegetation in the middleground is likely to fragment views to the distance turbines. It is likely the Approved Ungula Wind Farm would be visible beyond the BWF Project.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF20 Mount Aquila Rd, Mount Aquila.

180° Baseline Panorama (Existing View)

Approximate extent of visible wind turbines in excess of 13 kms



- LEGEND**
- Viewing direction and centre of panorama
 - Direction of potentially visible turbines
 - Extent of panorama
 - Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF20

Viewpoint Summary:	
Location:	Elevation:
Mount Aquila Rd, Mount Aquila.	739.6m
Coordinates:	Viewing Direction:
32°49'43.86"S 149°11'31.32"E	Northeast
Distance to nearest WTG:	Visibility Distance Zone:
13.79 km	Mid Background (MB)
Land Use:	Viewer Sensitivity Level:
Minor Road	Low (Level 3)
LCU:	Scenic Quality Rating:
N/A	N/A
Visual Influence Zone: VIZ3	

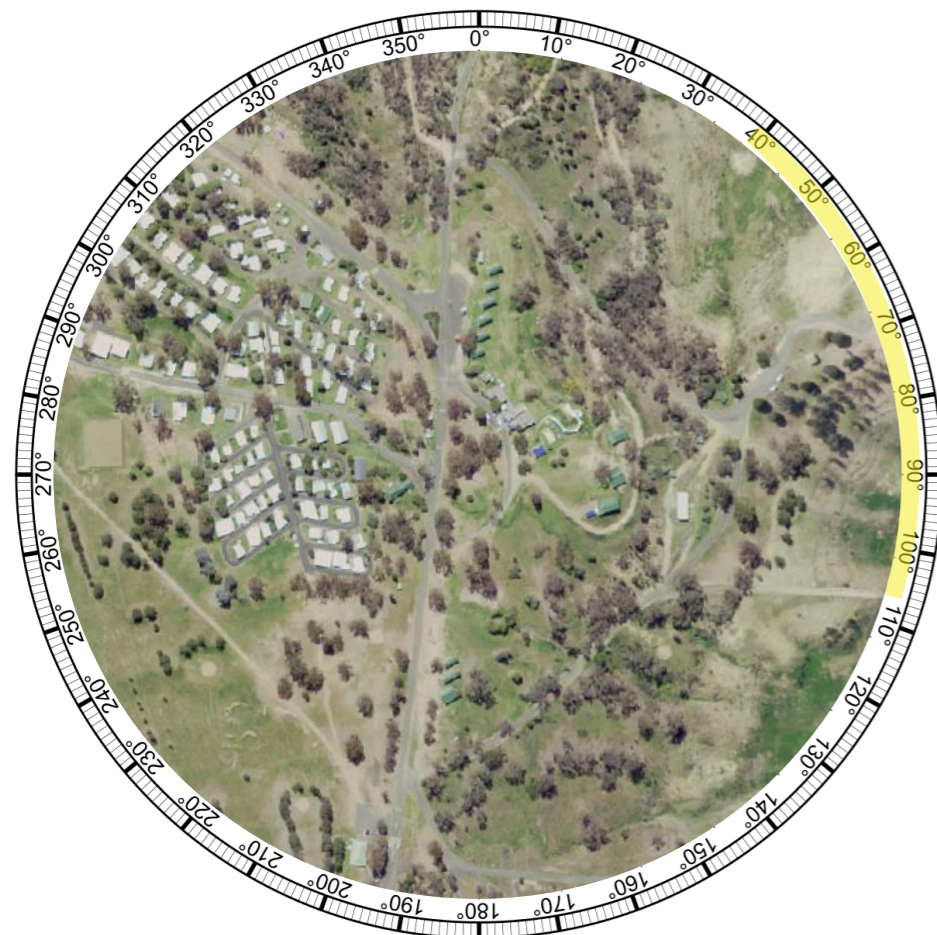
Existing Landscape Character Description:
View from Mount Aquila Road looking in a generally north east direction towards the Project Site. Mount Aquila Road is an unsealed road with a low frequency of use which is utilised to access a small number of isolated dwellings to the east of the Macquarie River. Views along Mount Aquila Road are generally contained by vegetation typical of the surrounding areas, however infrequent openings in the vegetation provide expansive views to the vegetated ranges to the north.
Potential Visual Impact:
From this viewpoint, it is likely the Project would be visible in its entirety to the north east, with the exception of turbines screened by vegetation in the foreground. Turbines are in excess of 13 kilometres from this viewpoint.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF21 Fashions Mount Rd, Mumbil: Reflections Holiday Park

180° Baseline Panorama (Existing View)

Approximate extent of visible wind turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF21

Viewpoint Summary:

Location:	Elevation:
Fashions Mount Rd, Mumbil	380.5m
Coordinates:	Viewing Direction:
32°41'18.26"S 149° 6'32.18"E	East
Distance to nearest WTG:	Visibility Distance Zone:
7.76 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Tourist and visitor accommodation	Level 2
LCU:	Scenic Quality Rating:
LCU06: Mumbil	Low - Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:

This viewpoint was recorded at the Reflections Holiday Park at Fashions Mount Road in Mumbil. Accommodation associated with the holiday park is generally located to the west of this viewpoint and is orientated towards the internal road layout. Views to the east extend across the Lake Burrendong water body to the vegetated ranges to the east.

Potential Visual Impact:

From this viewpoint, the Project will be visible in the near background (in excess of 7 kilometres) to the east of Lake Burrendong. The views across the Lake to the vegetated ranges associated with the Project Site will remain the dominant feature of the view from this location.

Refer to Photomontage 06 (Appendix E).

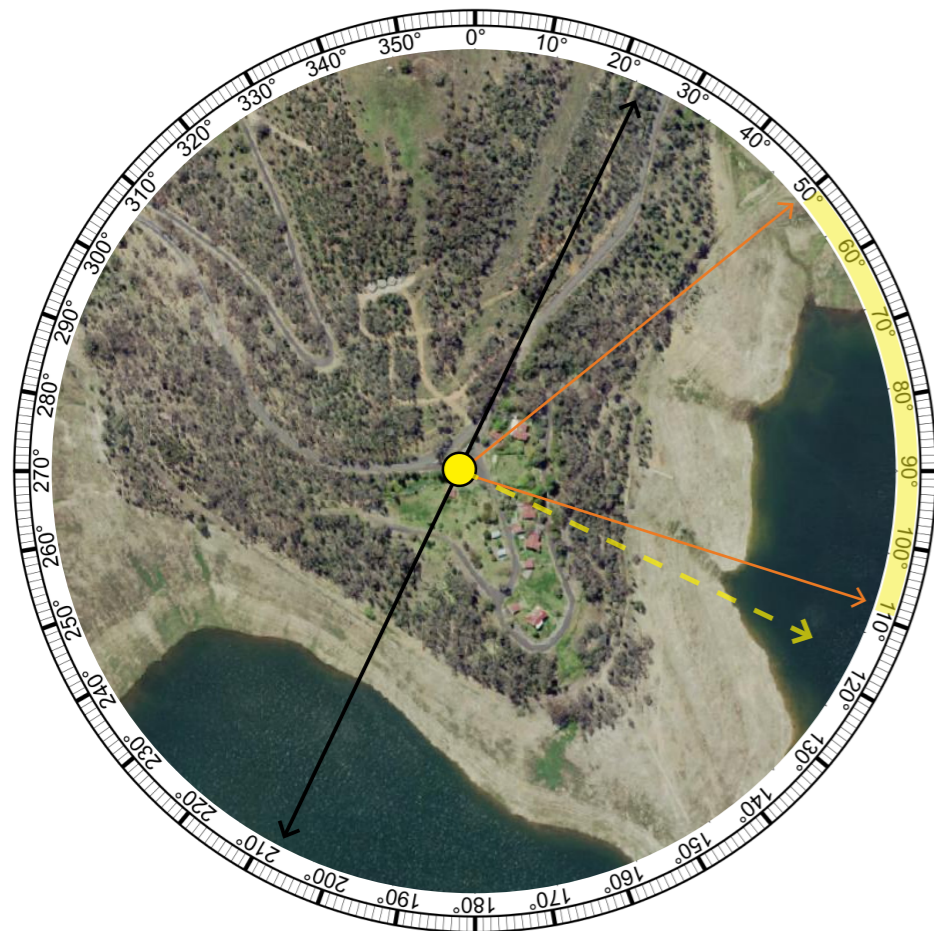
Visual Performance Objectives:

VIZ3 - No performance objectives apply to this location.

BWF22 The Cir Rd, Mumbil

180° Baseline Panorama (Existing View)

Approximate extent of visible wind turbines



LEGEND

- Viewing direction and centre of panorama
- Direction of potentially visible turbines
- Extent of visible turbines (Based on topography alone)
- Extent of panorama

VIEWPOINT BWF22

Viewpoint Summary:	
Location:	Elevation:
The Cir Rd, Mumbil	370.7m
Coordinates:	Viewing Direction:
32°40'25.82"S 149° 5'54.55"E	East
Distance to nearest WTG:	Visibility Distance Zone:
7.36km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Minor Road	Level 3
LCU:	Scenic Quality Rating:
LCU06: Mumbil	Low - Moderate
Visual Influence Zone: VIZ3	

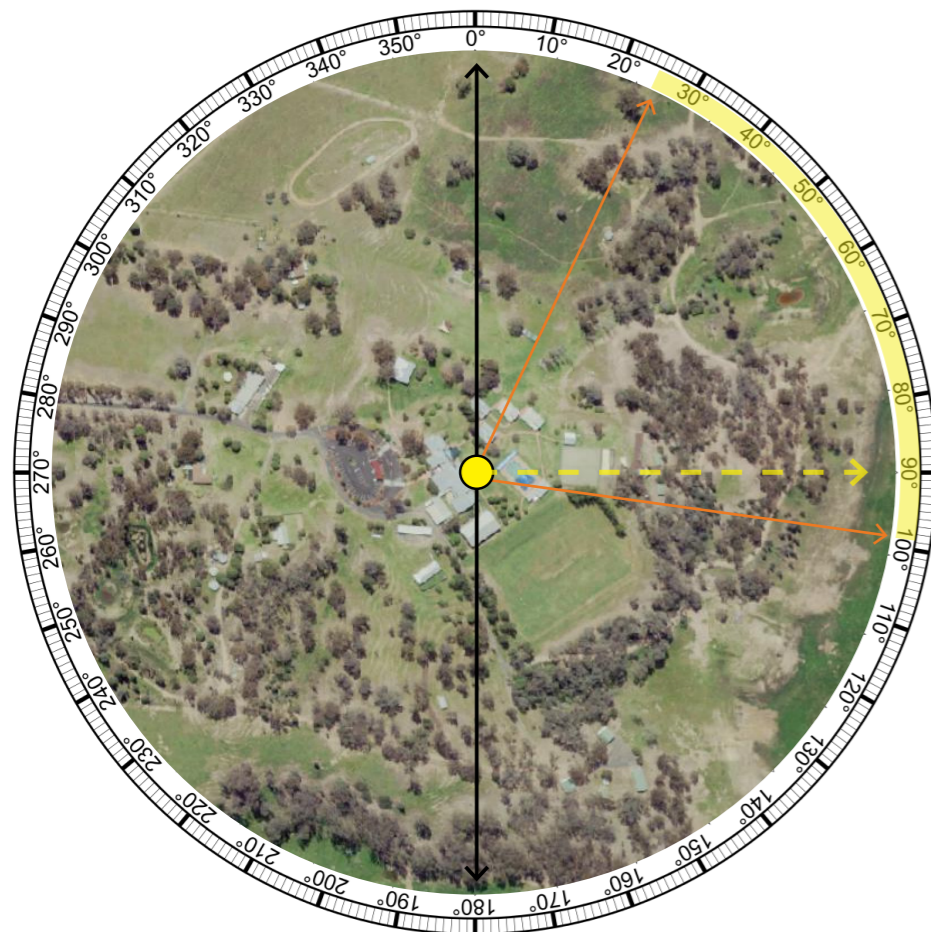
Existing Landscape Character Description:
View from Mumbil on the Cir Road, close to the Ridgecrest Christian Education & Convention Centre. Ridgecrest Christian Education and Convention Centre provides accommodation and function space for private use. Views extend across Lake Burrendong to the vegetated hills associated with the Project Site.
Potential Visual Impact:
From this viewpoint, it is likely the Project would be visible in its entirety to the north east, with the exception of turbines screened by vegetation in the foreground.

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.

BWF23 Lake Burrendong Sport and Recreation Centre

180° Baseline Panorama (Existing View)

Approximate extent of visible wind turbines



LEGEND

- Viewing direction and centre of panorama
- Direction of potentially visible turbines
- Extent of panorama
- Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF23

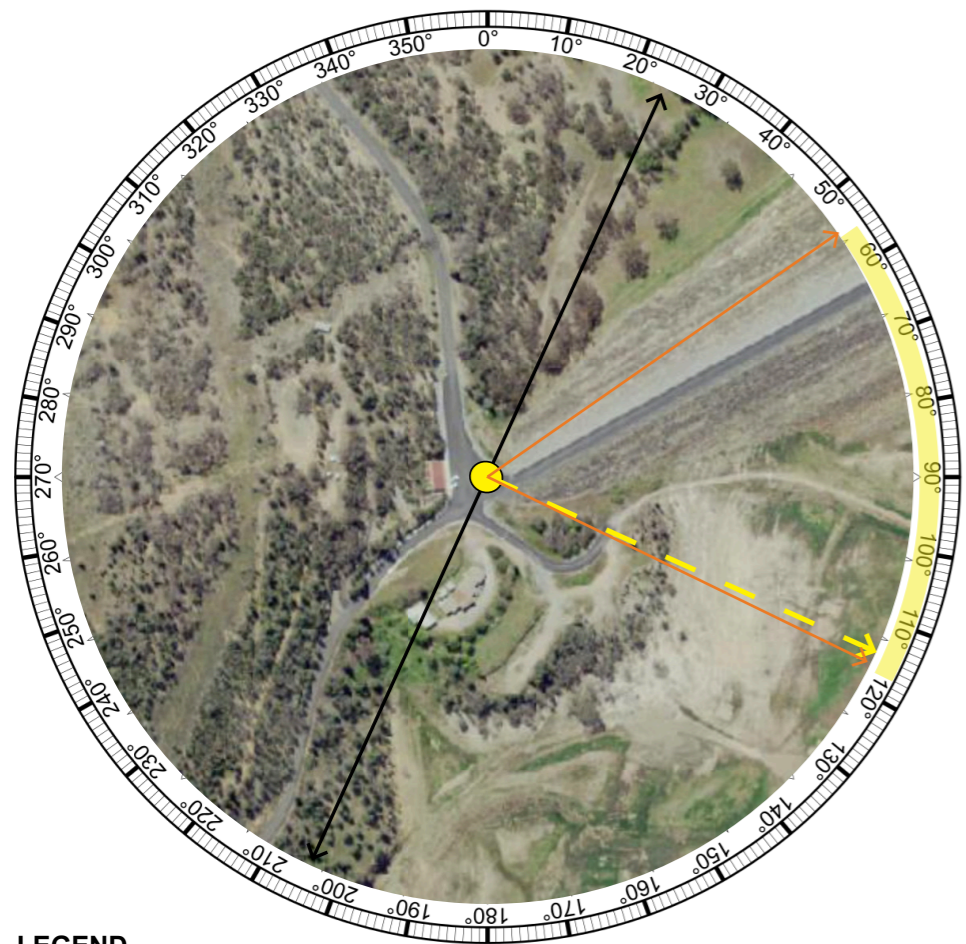
Viewpoint Summary:	
Location:	Elevation:
Lake Burrendong Sport & Recreation Centre	373.7m
Coordinates:	Viewing Direction:
32°42'28.94"S 149° 7'8.62"E	East
Distance to nearest WTG:	Visibility Distance Zone:
8.45km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Recreation	Level 2
LCU:	Scenic Quality Rating:
LCU06: Mumbil	Low - Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:	Visual Performance Objectives:
View from Burrendong Sport and Recreation Centre, in excess of 8 km west of the Project. The Sport and Recreation Centre is utilised for school camps, sports camps and accommodation for large groups.	VIZ3 - No performance objectives apply to this location.
Potential Visual Impact:	
From this viewpoint, it is likely the Project would be visible in it the break in vegetation to the east. The turbines are located in excess of 8 kilometres from the viewpoint.	

BWF24 Lake Burrendong Dam Wall

180° Baseline Panorama (Existing View)

Approximate extent of visible wind turbines



LEGEND
 - - - - -> Viewing direction and centre of panorama
 - - - - -> Direction of potentially visible turbines
 <- - - -> Extent of panorama
 [Yellow Arc] Extent of visible turbines (Based on topography alone)

VIEWPOINT BWF24

Viewpoint Summary:	
Location:	Elevation:
Lake Burrendong Dam	359.5
Coordinates:	Viewing Direction:
32°40'12.34"S 149° 6'5.71"E	East
Distance to nearest WTG:	Visibility Distance Zone:
6.91 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Low Use Viewpoint	Level 3
LCU:	Scenic Quality Rating:
LCU03: Lake Burrendong	Moderate
Visual Influence Zone: VIZ3	

Existing Landscape Character Description:
View from Lake Burrendong Dam wall looking towards the east across Lake Burrendong towards vegetated hills associated with the Project Site.
Potential Visual Impact:
From this viewpoint, it is likely the Project would be visible to the east in excess of 6 kilometres from the dam. <i>Refer to Photomontage 05 (Appendix E).</i>

Visual Performance Objectives:
VIZ3 - No performance objectives apply to this location.