

Appendix

E

E.1 | Landscape and Visual Impact Assessment Part 2

A

Visual Influence Zone
Study Method

VIEWER SENSITIVITY LEVEL

Level 1 Sensitivity: High	<ul style="list-style-type: none"> Residential areas and rural villages Recreation, cultural or scenic sites and viewpoints of National or State significance. Any buildings, historic rural homesteads/residences on the State or local Government Heritage List
Level 2 Sensitivity: Moderate	<ul style="list-style-type: none"> Rural dwelling Tourist and visitor accommodation (definition in Standard Instrument Local Environmental Plan) Recreation, cultural or scenic sites and viewpoints of regional significance
Level 3 Sensitivity: Low	<ul style="list-style-type: none"> Interstate and state passenger rail lines with daily daylight services State highways, freeways and classified main roads, classified tourist roads Land management roads with occasional recreation traffic Walking tracks of moderate local significance or infrequent recreation usage Other low use and low concern viewpoints and travel routes Navigable waterways

VISIBILITY DISTANCE ZONES

0 – 500 m	Near Foreground (NF)	
500 m – 1 km	Mid Foreground (MF)	
1 – 2 km	Far Foreground (FF)	
2 – 4 km	Near Middleground (NM)	
4 – 8 km	Far Middleground (FM)	
8 – 12 km	Near Background (NB)	
12 – 20 km	Mid Background (MB)	
20 – 32+ km	Far Background (FB)	

SCENIC QUALITY CLASS

LOW	MODERATE	HIGH
Landform		
Waterbodies		
Vegetation		
Human Influence		
Activity		
Rarity		
Relationship with adjoining landscapes		

VISUAL INFLUENCE ZONE MATRIX

VIEWER SENSITIVITY LEVEL - VISIBILITY DISTANCE ZONE		SCENIC QUALITY CLASS		
		HIGH	MODERATE	LOW
LEVEL 1 HIGH SENSITIVITY VIEWPOINTS				
Near Foreground (NF)	0 – 500 m	VIZ1	VIZ1	VIZ1
Mid Foreground (MF)	500 m – 1 km	VIZ1	VIZ1	VIZ1
Far Foreground (FF)	1 – 2 km	VIZ1	VIZ1	VIZ1
Near Middleground (NM)	2 – 4 km	VIZ1	VIZ2	VIZ2
Far Middleground (FM)	4 – 8 km	VIZ2	VIZ2	VIZ2
Near Background (NB)	8 – 12 km	VIZ2	VIZ2	VIZ2
Mid Background (MB)	12 – 20 km	VIZ2	VIZ2	VIZ3
Far Background (FB)	20 – 32+ km	VIZ2	VIZ2	VIZ3
LEVEL 2 MODERATE SENSITIVITY VIEWPOINTS				
Near Foreground (NF)	0 – 500 m	VIZ1	VIZ1	VIZ1
Mid Foreground (MF)	500 m – 1 km	VIZ1	VIZ1	VIZ1
Far Foreground (FF)	1 – 2 km	VIZ1	VIZ1	VIZ2
Near Middleground (NM)	2 – 4 km	VIZ2	VIZ2	VIZ2
Far Middleground (FM)	4 – 8 km	VIZ2	VIZ2	VIZ3
Near Background (NB)	8 – 12 km	VIZ2	VIZ3	VIZ3
Mid Background (MB)	12 – 20 km	VIZ2	VIZ3	VIZ3
Far Background (FB)	20 – 32+ km	VIZ3	VIZ3	VIZ3
LEVEL 3 LOW SENSITIVITY VIEWPOINTS				
Near Foreground (NF)	0 – 500 m	VIZ1	VIZ1	VIZ2
Mid Foreground (MF)	500 m – 1 km	VIZ2	VIZ2	VIZ2
Far Foreground (FF)	1 – 2 km	VIZ2	VIZ2	VIZ3
Near Middleground (NM)	2 – 4 km	VIZ2	VIZ3	VIZ3
Far Middleground (FM)	4 – 8 km	VIZ2	VIZ3	VIZ3
Near Background (NB)	8 – 12 km	VIZ3	VIZ3	VIZ3
Mid Background (MB)	12 – 20 km	VIZ3	VIZ3	VIZ3
Far Background (FB)	20 – 32+ km	VIZ3	VIZ3	VIZ3
Areas not visible		VIZ3	VIZ3	VIZ3

B

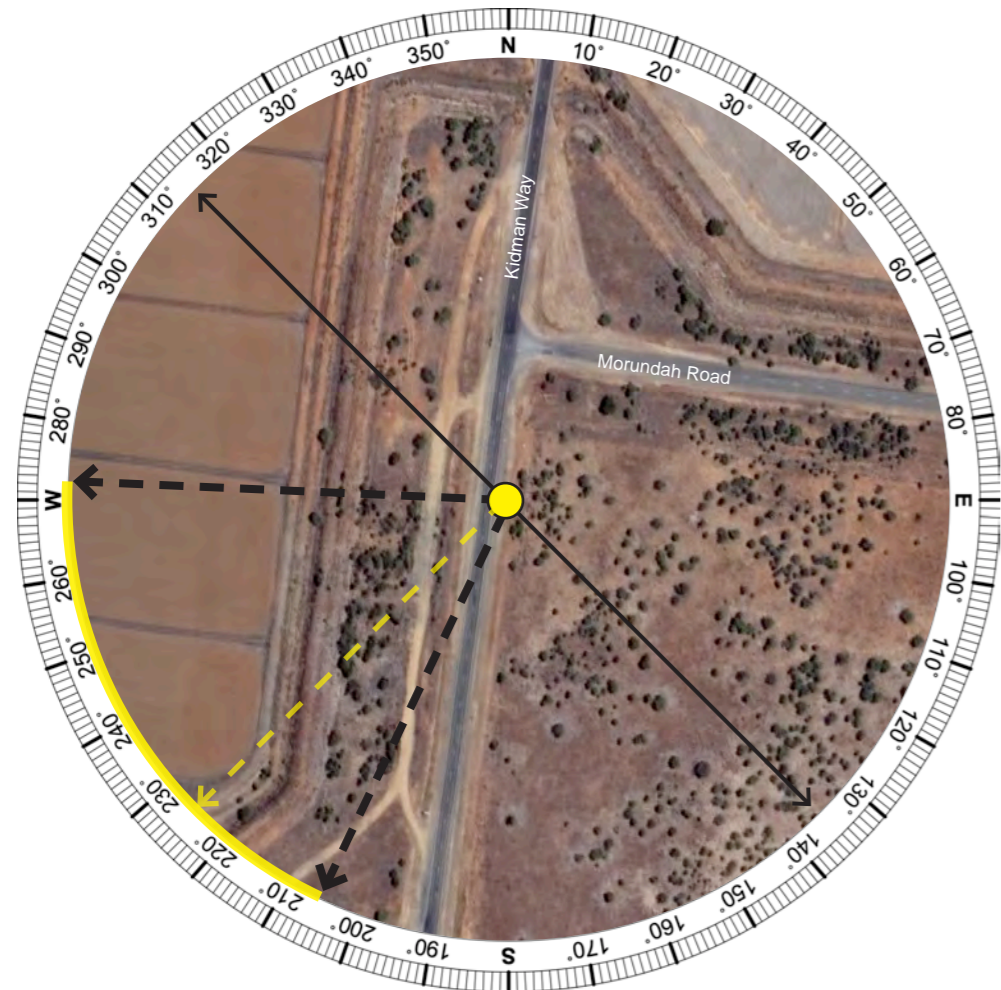
Viewpoint Assessment

VP01 Kidman Way, Coleambally



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



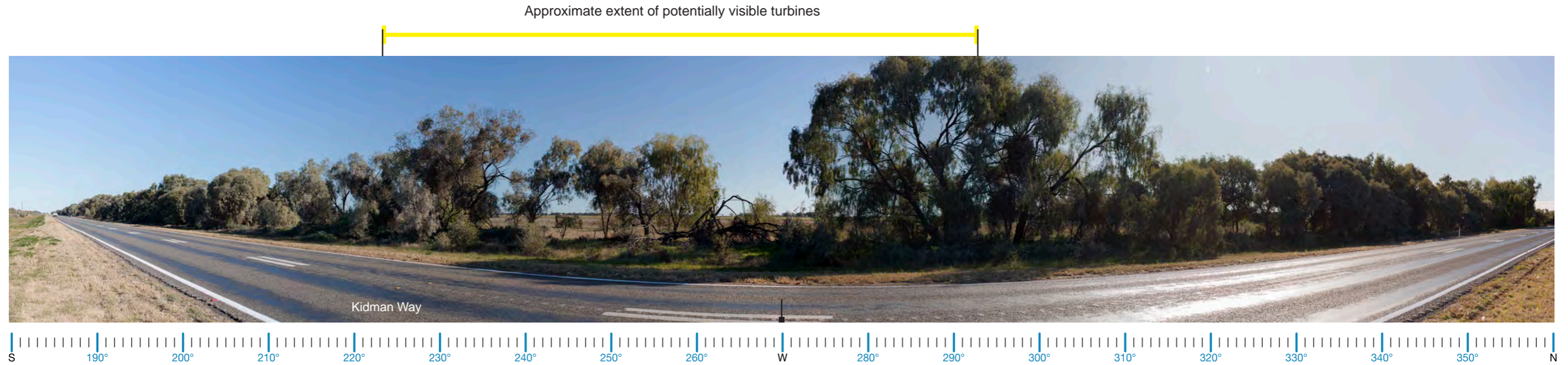
Aerial Image VP01 (Aerial Image Source: Six Maps)

VIEWPOINT VP01

Viewpoint Summary:	
Location:	Elevation:
Kidman Way, Coleambally	119 m
Coordinates:	Viewing Direction:
34°52'14.96"S 145°51'12.86"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
18.45 km	Mid Background (MB)
Land Use:	Viewer Sensitivity Level:
Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

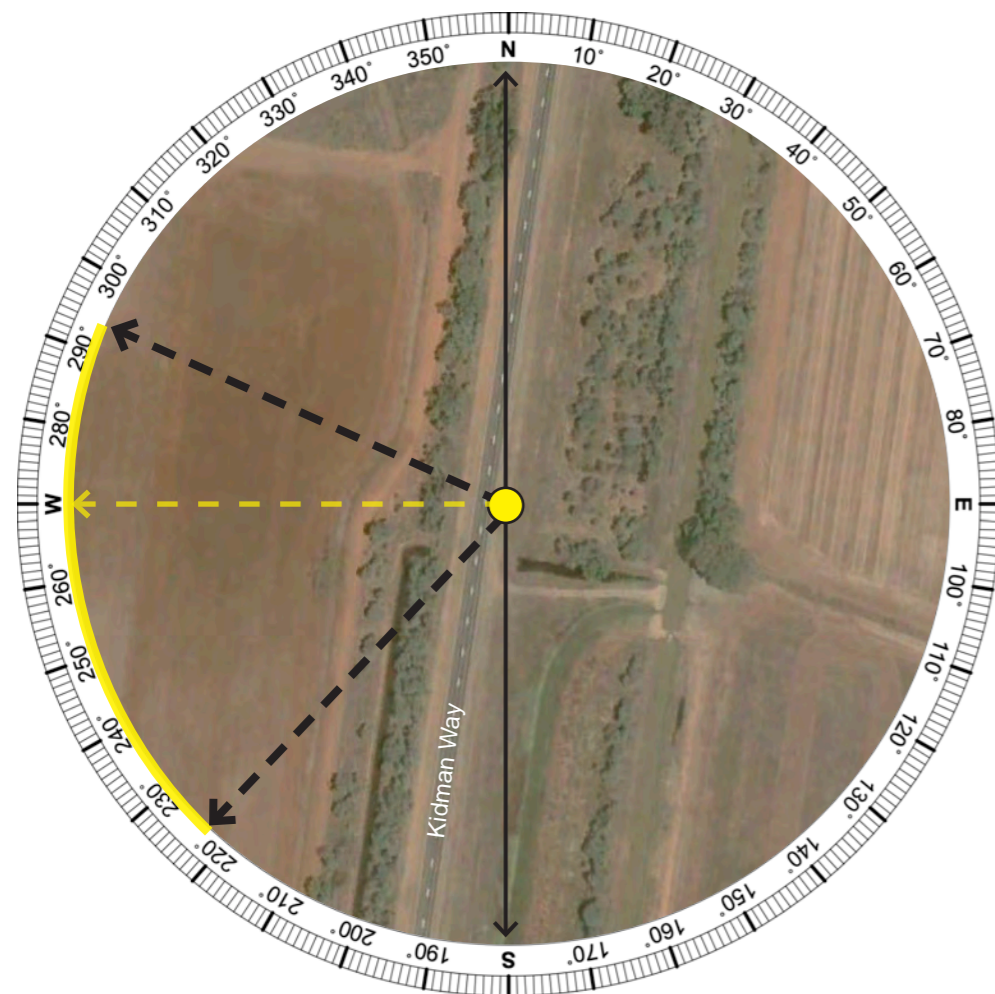
Existing Landscape Character Description:	
This viewpoint was taken along Kidman Way south of Coleambally. The terrain is characterised as flat. Land is used to support agricultural activity outside the arterial road corridor. Vegetation character is defined by grasses and low lying shrubs along the road corridor.	
Potential Visual Impact:	
Due to the flat terrain, there will be views of the Project to the southwest. Views towards turbines may be filtered and screened by the scattered vegetation in the middleground.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

VP02 Kidman Way, Coleambally



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP02 (Aerial Image Source: Six Maps)

VIEWPOINT VP02

Viewpoint Summary:	
Location:	Elevation:
Kidman Way, Coleambally	117 m
Coordinates:	Viewing Direction:
34°58'37.23"S 145°50'4.87"E	West
Distance to nearest WTG:	Visibility Distance Zone:
8.23 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along Kidman Way towards Gala Vale. The terrain is characterised as flat. The vegetation character is dense - defined by grasses and low lying shrubs with trees within the road corridor aligning the property boundary fencelines.
Potential Visual Impact:
Due to the terrain, there will be views of the Project to the west. Views towards turbines may be filtered and screened by the dense vegetation aligning Kidman Way because of the viewpoint distance from the turbines.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

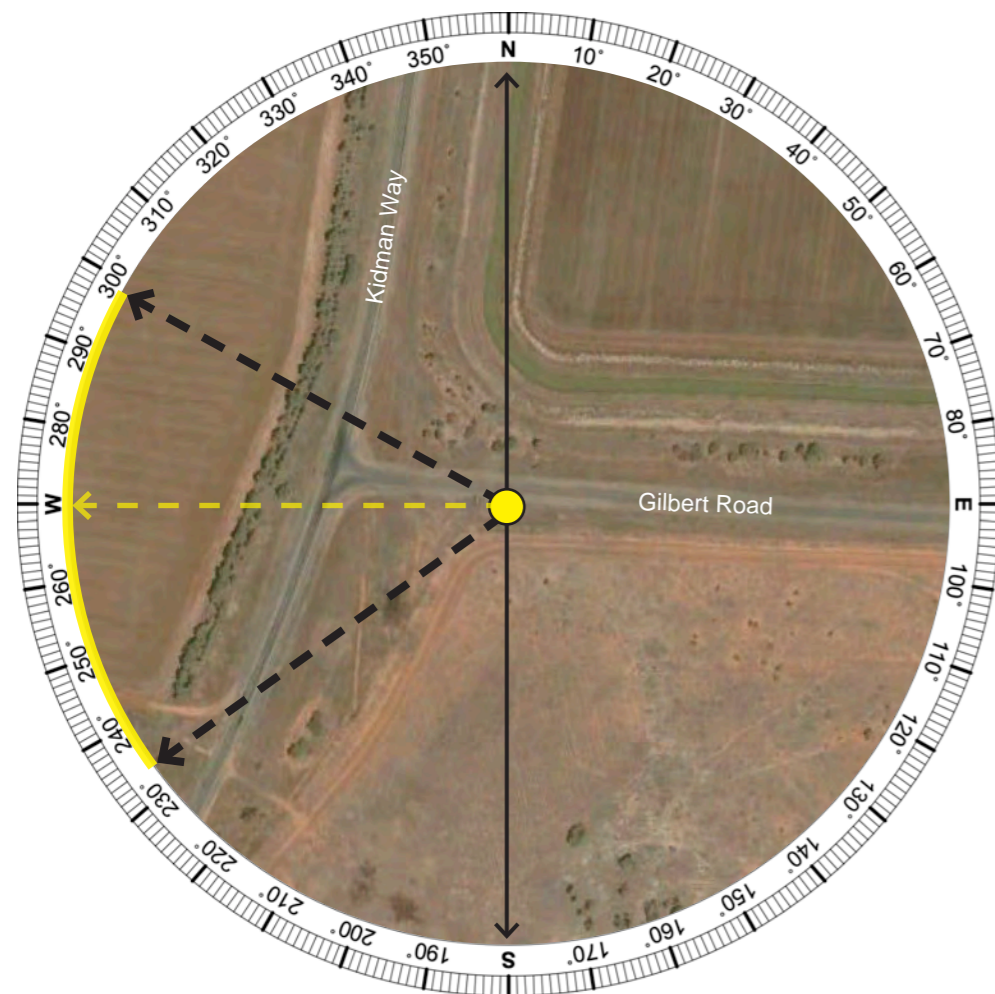
VP03 Gilbert Road, Coleambally

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



VIEWPOINT VP03

Viewpoint Summary:	
Location:	Elevation:
Gilbert Road, Coleambally	117 m
Coordinates:	Viewing Direction:
35° 0'48.11"S 145°49'44.63"E	West
Distance to nearest WTG:	Visibility Distance Zone:
6.18 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU03: Swamps and Floodplains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along Gilbert Road. The terrain is characterised as flat, gently undulating towards the south. Surrounding lands are used for grazing. Vegetation character is defined by native grasses with scattered low lying shrubs and tree species. Powerlines follow the road.
Potential Visual Impact:
Due to the flat terrain, there will be views of the Project to the west. Views towards turbines may be screened by vegetation along the horizon, aligning Kidman Way, due to the viewpoint distance from the turbines.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

Aerial Image VP03 (Aerial Image Source: Six Maps)

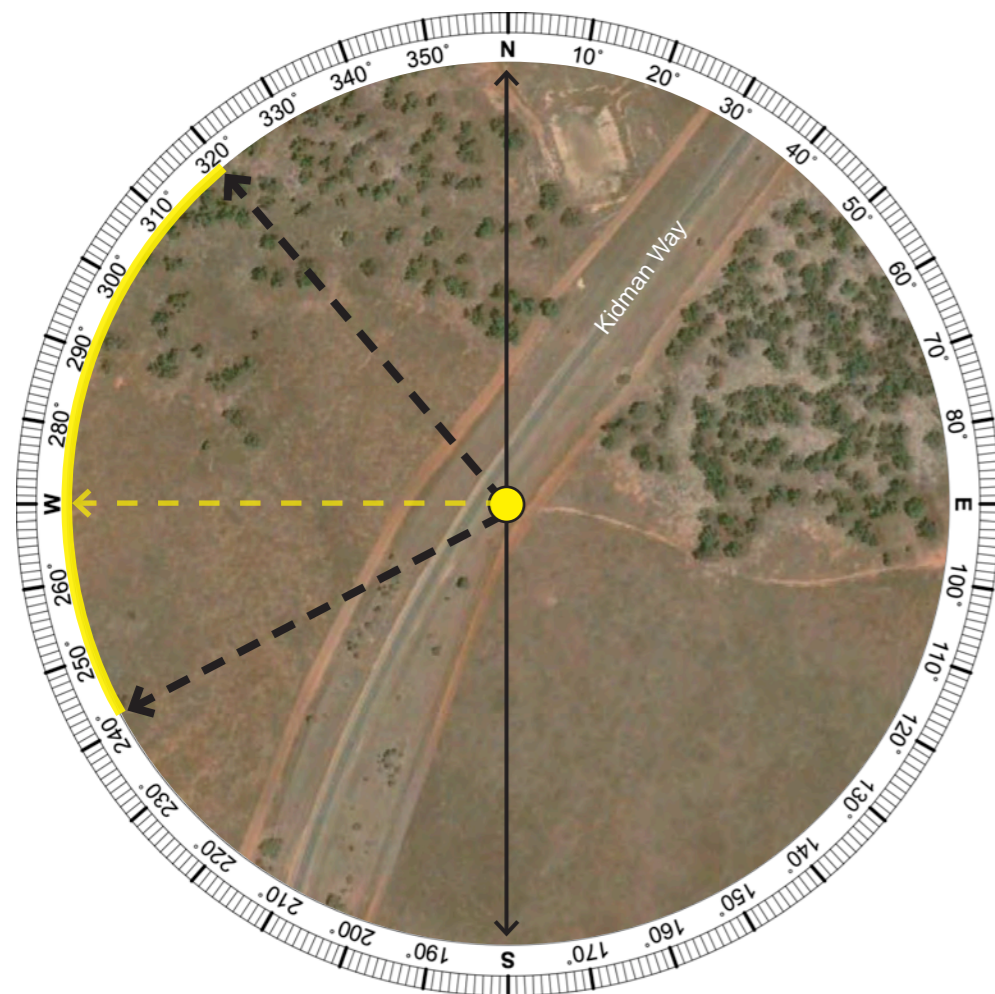
VP04 Kidman Way, Bundure

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP04 (Aerial Image Source: Six Maps)

VIEWPOINT VP04

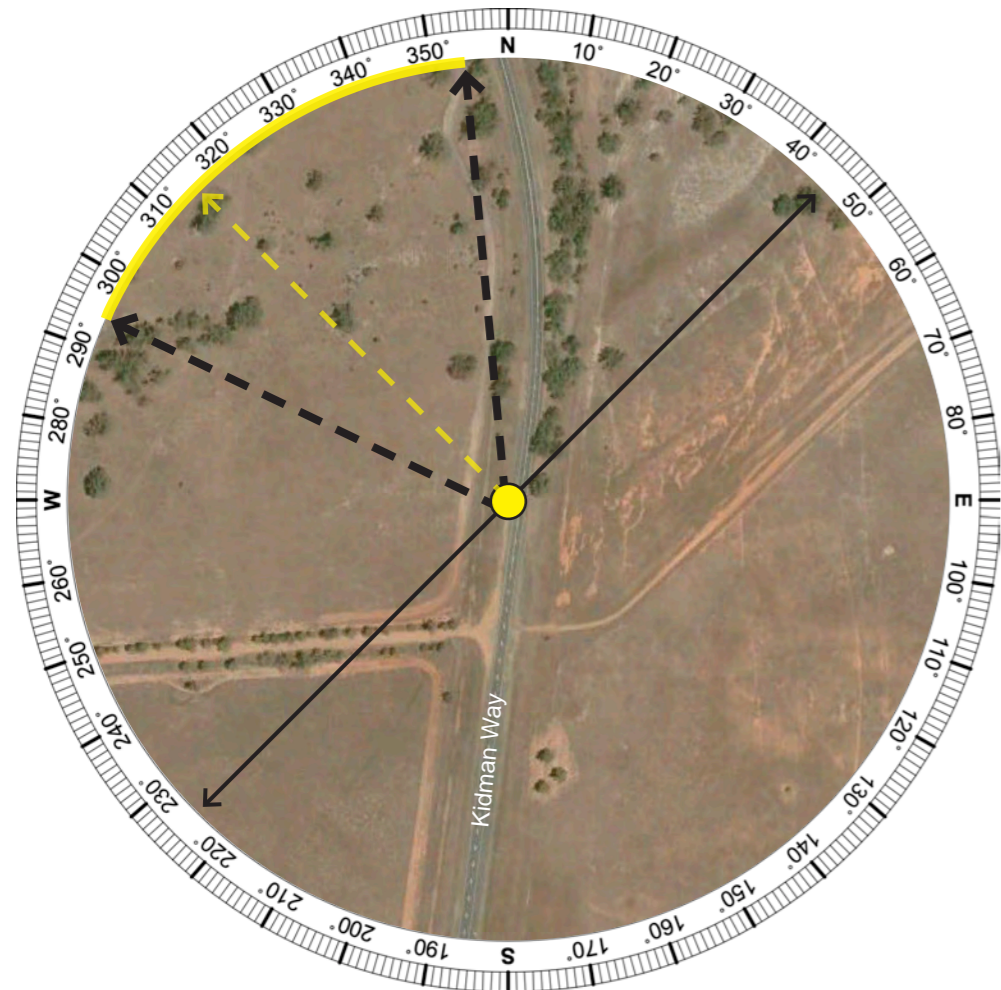
Viewpoint Summary:	
Location:	Elevation:
Kidman Way, Bundure	114 m
Coordinates:	Viewing Direction:
35° 3'3.81"S 145°47'38.52"E	West
Distance to nearest WTG:	Visibility Distance Zone:
3.72 km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy Plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along Kidman Way. The terrain is characterised as flat, which has been modified to support agricultural activity and grazing. Vegetation character is defined by native grasses with rows of trees visible in the middleground towards the northwest. Scattered vegetation aligning Kidman Way is present within the arterial road corridor.
Potential Visual Impact:
Due to the flat terrain, there will be views of the Project to the west because of the proximity of the viewpoint to the turbines. Views towards select turbines may be screened by the rows of established tree species within the paddocks to the northwest.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

VP05 Kidman Way, Jerilderie



- LEGEND**
- Viewing direction and centre of panorama
 - Extent of panorama
 - Direction of potentially visible turbines
 - Extent of potentially visible turbines



Aerial Image VP05 (Aerial Image Source: Six Maps)

VIEWPOINT VP05

Viewpoint Summary:	
Location:	Elevation:
Kidman Way, Jerilderie	110 m
Coordinates:	Viewing Direction:
35° 9'35.27"S 145°46'48.75"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
10.53 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04:Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:	
This viewpoint was taken along Kidman Way looking north towards Yanco Creek. The terrain is characterised as flat but slightly undulates toward the banks of Yanco Creek. Surrounding land outside has been modified to support agricultural activity and grazing. Dense vegetation is visible within the middleground of the viewpoint and along Kidman Way to the northeast.	
Potential Visual Impact:	
Due to the relatively flat terrain, there will be potential views of the Project to the northwest. Views towards turbines may be filtered and screened by the dense existing vegetation in the middleground due to the distance of the turbines from the viewpoint.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

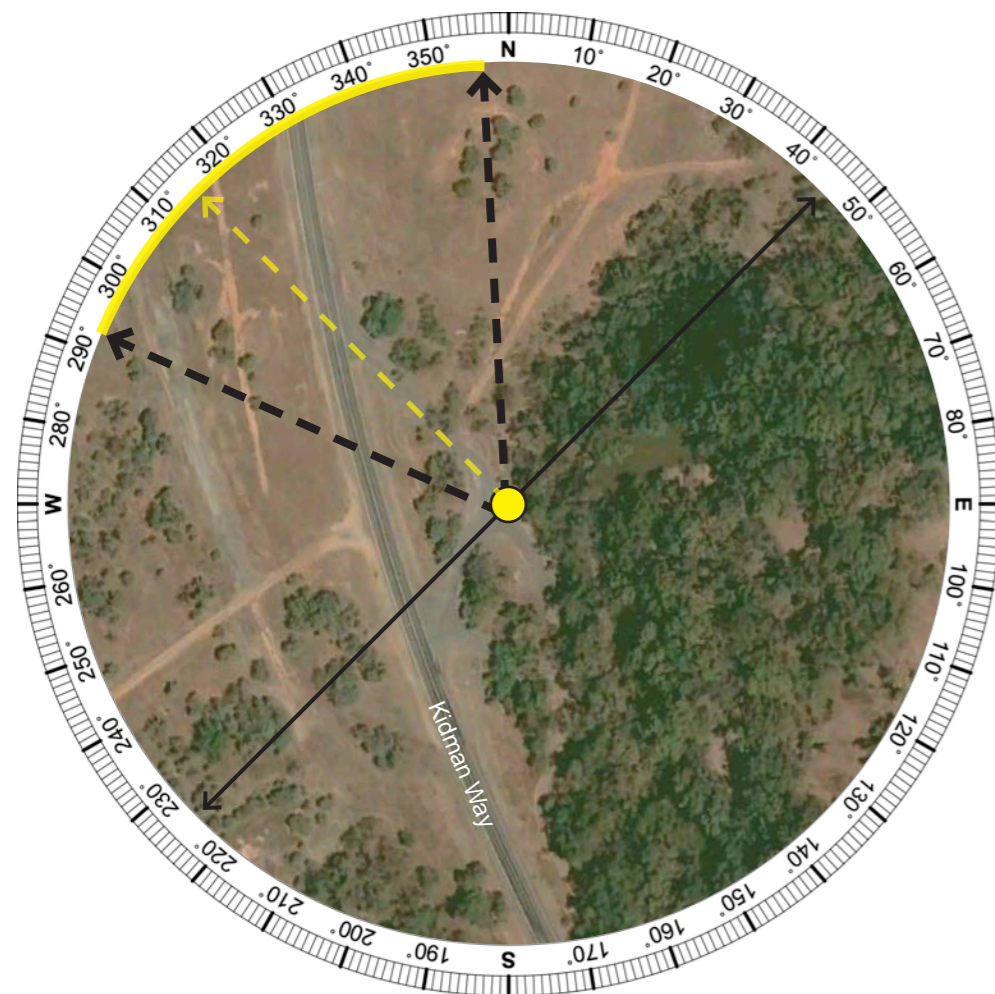
VP06 Yanco Bridge Rest Area, Kidman Way, Bundure

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP06 (Aerial Image Source: Six Maps)

VIEWPOINT VP06

Viewpoint Summary:	
Location:	Elevation:
Yanco Bridge Rest Area, Kidman Way, Bundure	114 m
Coordinates:	Viewing Direction:
35° 8'46.21"S 145°46'20.00"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
8.95 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Rest Stop Road	Level 2 - Moderate
LCU:	Scenic Quality Rating:
LCU05: Yanco Creek Environs	Moderate
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken at Yanco Bridge Rest Area off Kidman Way near Yanco Creek. The terrain is characterised as relatively flat gently sloping to the east towards Yanco Creek. Vegetation character is defined by native grasses and dense planted vegetation, including Acacia and Eucalyptus varieties along the creek and scattered tree species aligning Kidman Way.
Potential Visual Impact:
Due to the relatively flat terrain, there will be potential views of the Project to the northwest, with majority of the views screened by the established vegetation to the northwest. A photomontage has been prepared from this viewpoint, refer PM13 of Appendix D. Photomontages and Wireframes.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

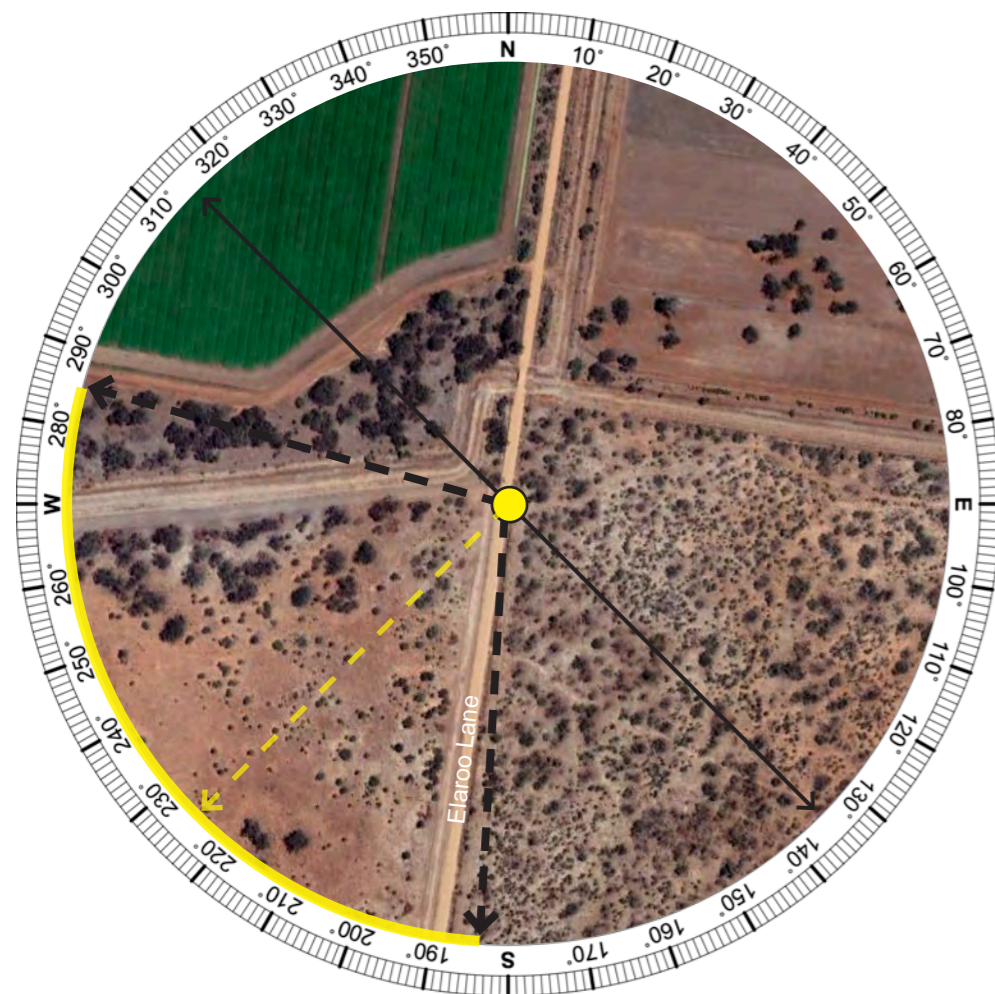
VP07 Elaroo Lane, Gale Vale

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP07 (Aerial Image Source: Six Maps)

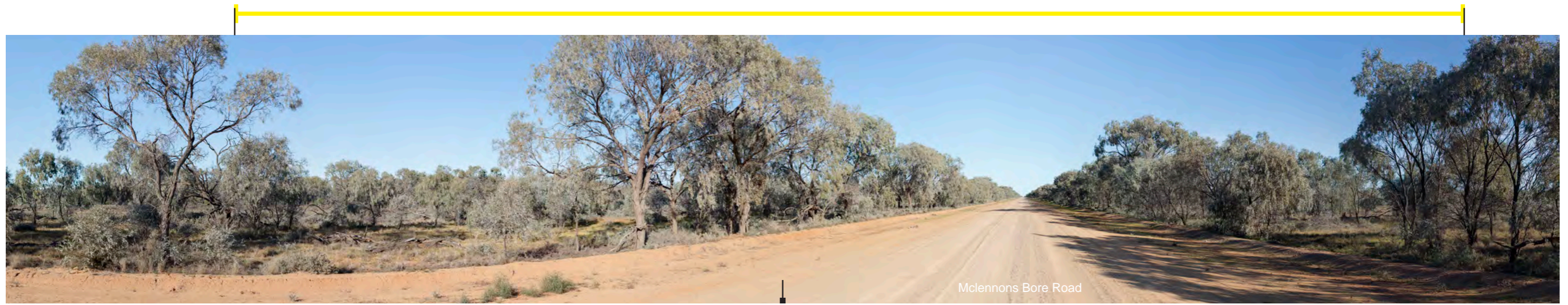
VIEWPOINT VP07

Viewpoint Summary:	
Location:	Elevation:
Elaroo Lane, Gale Vale Representative of views from the South West Nature Reserve	117 m
Coordinates:	Viewing Direction:
34°55'30.56"S 145°46'19.77"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
10 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU03: Swamps and Floodplains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along unsealed Elaroo Lane and is representative of views from the South West Nature Reserve. The terrain is characterised as relatively flat, with gentle undulations to the southwest. The land to the north of this viewpoint has been modified and cleared to support agricultural activity, compared to the south which is densely vegetated. Vegetation character is defined by native grasses, low lying shrub species including saltbush and densely planted tree species beyond in the middleground of this viewpoint.
Potential Visual Impact:
Due to the combination of distance and existing vegetation in the foreground of the view, the Project is likely to be screened from this location.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

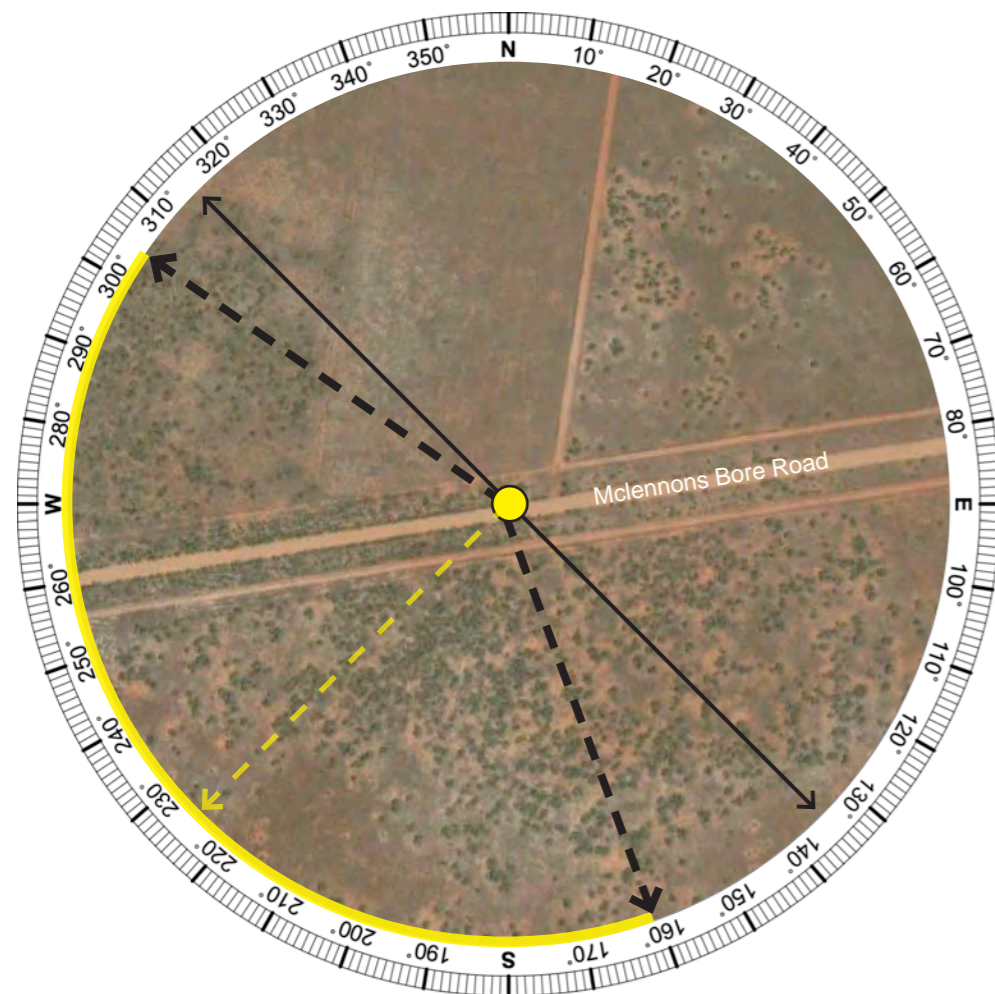
VP08 Mclennons Bore Road, Gale Vale

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP08 (Aerial Image Source: Six Maps)

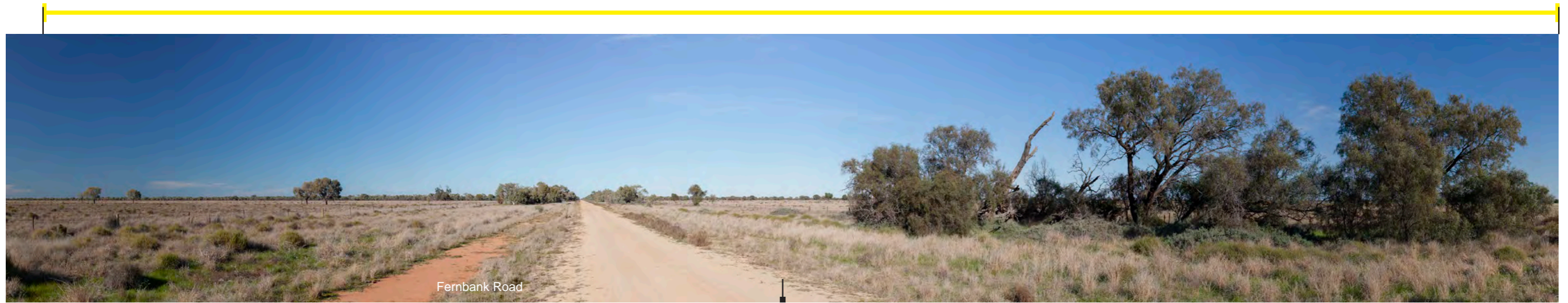
VIEWPOINT VP08

Viewpoint Summary:	
Location:	Elevation:
Mclennons Bore Road, Gale Vale	113 m
Coordinates:	Viewing Direction:
35° 0'21.00"S 145°45'22.43"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
1.10 km	Far Foreground (FF)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU03: Swamps and Floodplains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along unsealed Mclennons Bore Road. The terrain is characterised as relatively flat. Dense vegetation is abundant along both sides of road and throughout adjoining paddocks that are used predominantly for grazing.
Potential Visual Impact:
Due to close proximity of the viewpoint to the turbines, there will be clear views of the Project from this location. Views towards the turbines in the distance may be filtered and screened by established trees aligning Mclennons Bore Road.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

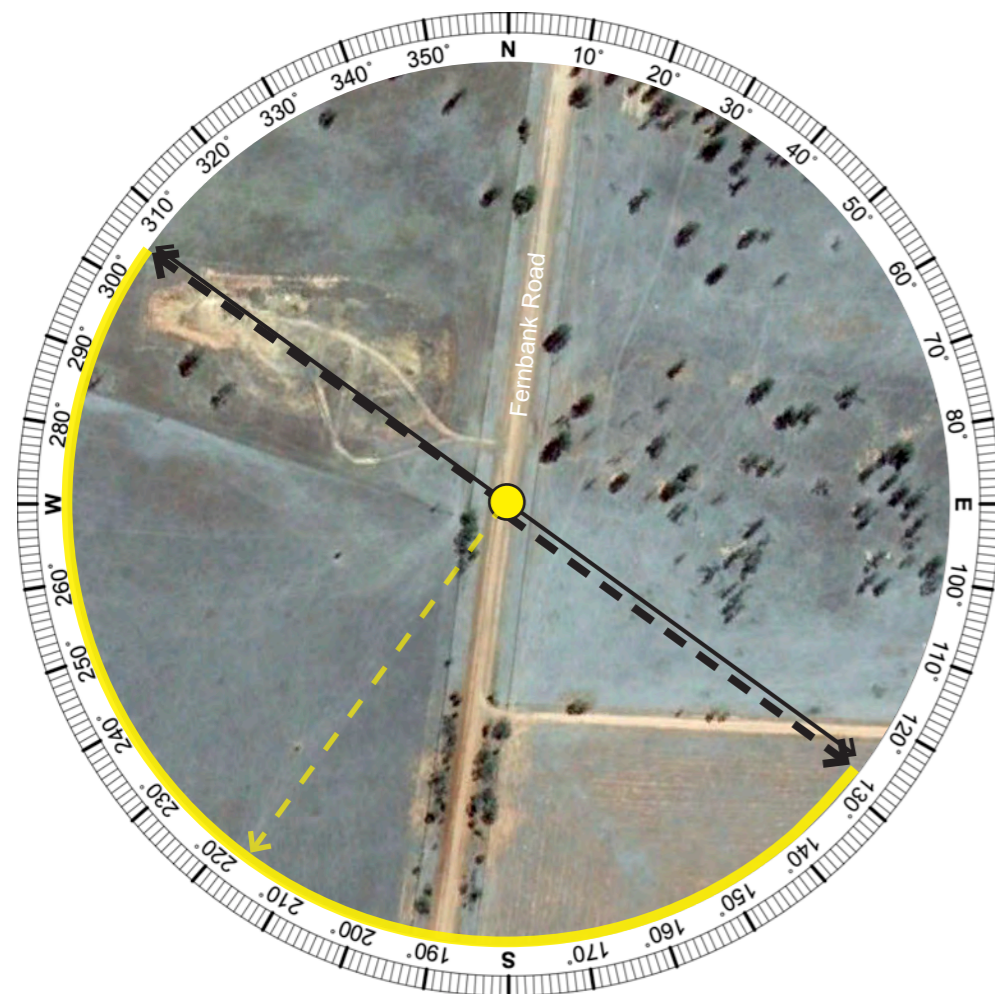
VP09 Fernbank Road, Gale Vale

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP09 (Aerial Image Source: Six Maps)

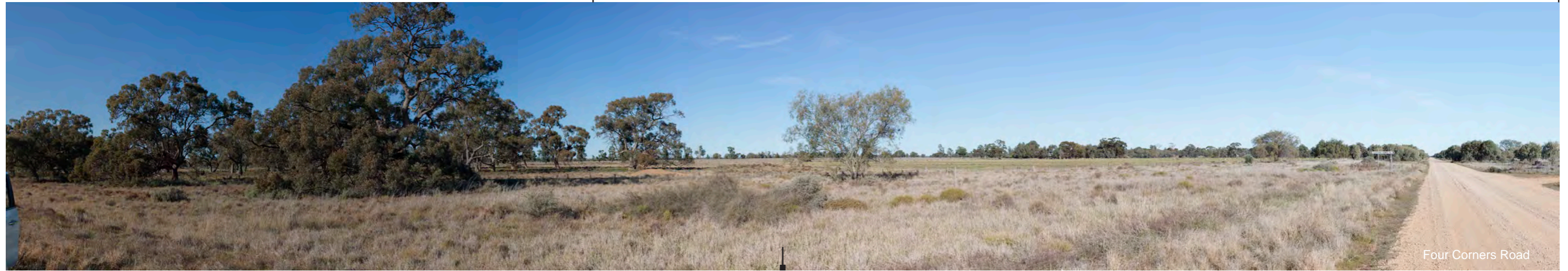
VIEWPOINT VP09

Viewpoint Summary:	
Location:	Elevation:
Fernbank Road, Gale Vale	114 m
Coordinates:	Viewing Direction:
34°57'19.88"S 145°39'40.46"E	Southwest
Distance to nearest WTG:	Visibility Distance Zone:
2.17 km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:	
This viewpoint was taken along unsealed Fernbank Road. The terrain is characterised as flat. Surrounding lands support agricultural activity. Vegetation character is scattered, defined by native grasses and low lying shrub varieties including saltbush, and scattered tree species aligning Fernbank	
Potential Visual Impact:	
Due to close proximity of the viewpoint to the turbines, there will be clear views of the Project from this location. Views towards select turbines in the distance may be filtered and screened by established trees to the west aligning Fernbank Road.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

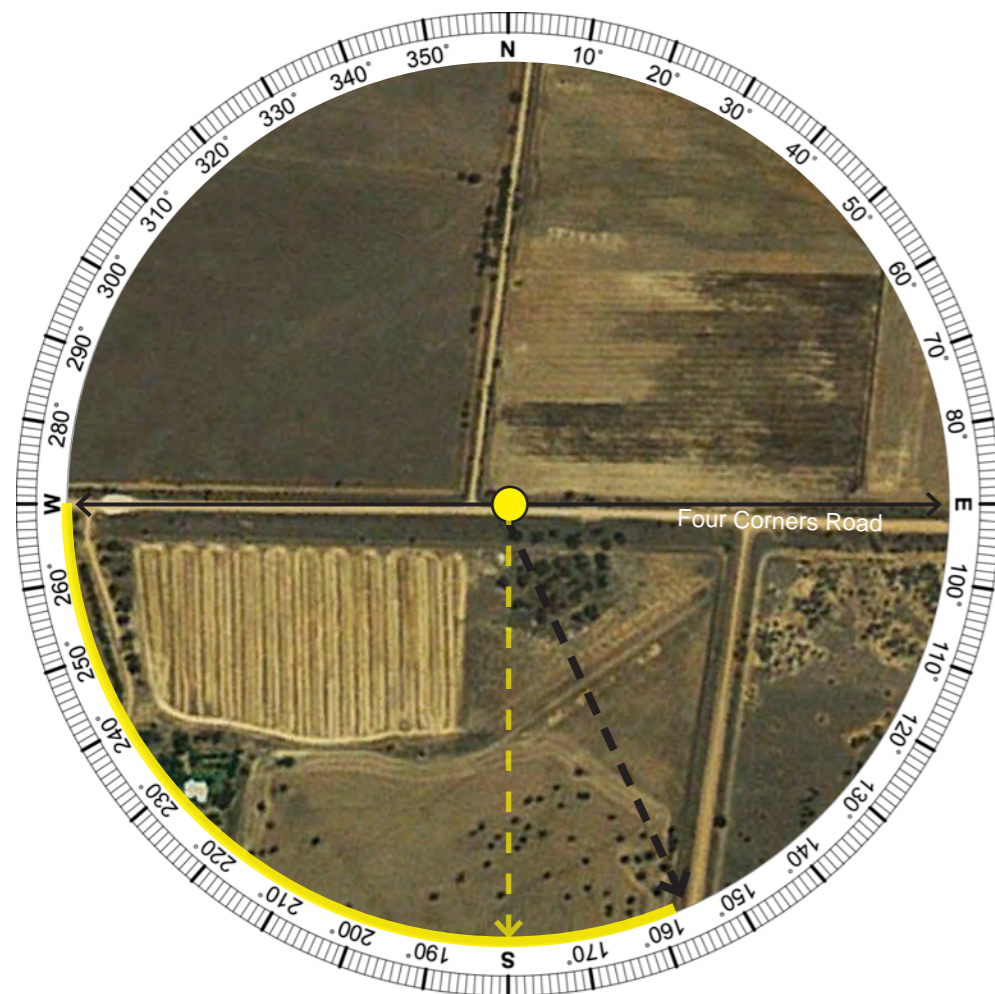
VP10 Four Corners Road, Argoon

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP10 (Aerial Image Source: Six Maps)

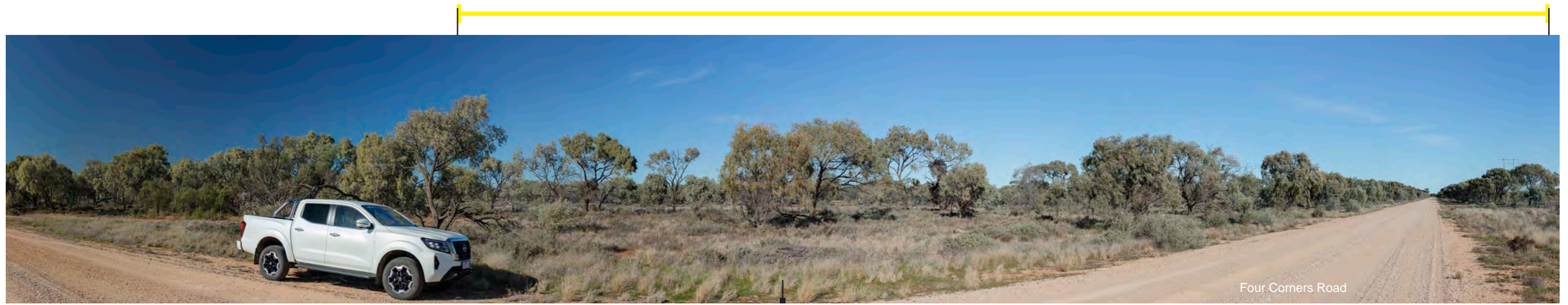
VIEWPOINT VP10

Viewpoint Summary:	
Location:	Elevation:
Four Corners Road, Argoon	114 m
Coordinates:	Viewing Direction:
34°51'29.14"S 145°40'28.54"E	South
Distance to nearest WTG:	Visibility Distance Zone:
12.15 km	Mid Background (MB)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 03 - Low
LCU:	Scenic Quality Rating:
LCU04:Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along unsealed Four Corners Road. The terrain is characterised as flat, and is used to support agricultural activity and grazing. Vegetation character is scattered, defined as native grasses, low lying shrub varieties including saltbush and established tree species along the horizon to the southwest.
Potential Visual Impact:
Due to the flat terrain, there will be views of the Project to the south. Views towards turbines may be filtered and screened by vegetation along the horizon.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

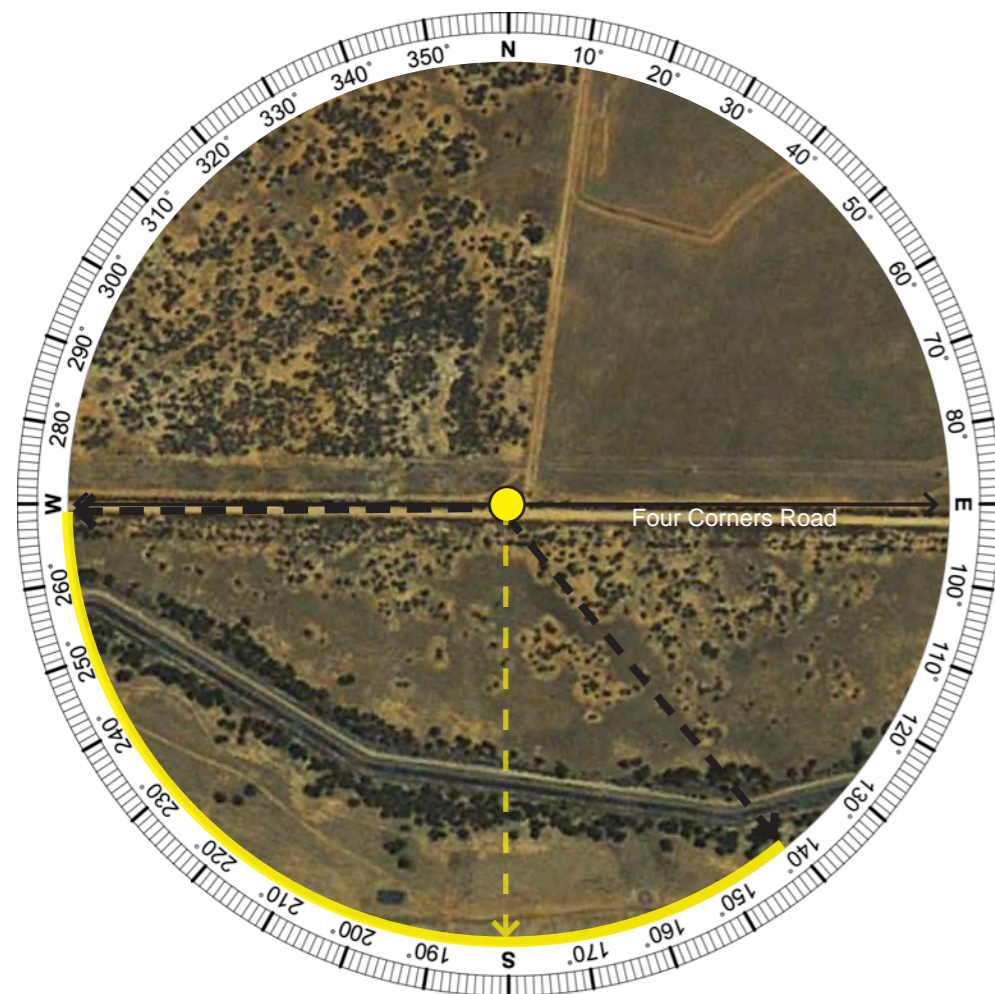
VP11 Four Corners Road, Argoon

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP11 (Aerial Image Source: Six Maps)

VIEWPOINT VP11

Viewpoint Summary:	
Location:	Elevation:
Four Corners Road, Argoon	112 m
Coordinates:	Viewing Direction:
34°51'25.28"S 145°36'26.76"E	South
Distance to nearest WTG:	Visibility Distance Zone:
8.89 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU02: Seasonal Water Corridors	Moderate
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:	
This viewpoint was taken along unsealed Four Corners Road. The terrain is characterised as flat and is used for grazing. Scattered vegetation aligns the road edge, and the vegetation character is defined by native grasses, low lying shrub varieties including saltbush, and scattered tree species throughout paddocks. a transmission line is visible in this location running east to west.	
Potential Visual Impact:	
Due to the flat terrain, there will be distant views of the Project to the south. Views towards some turbines may be filtered and screened by vegetation in the middleground.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

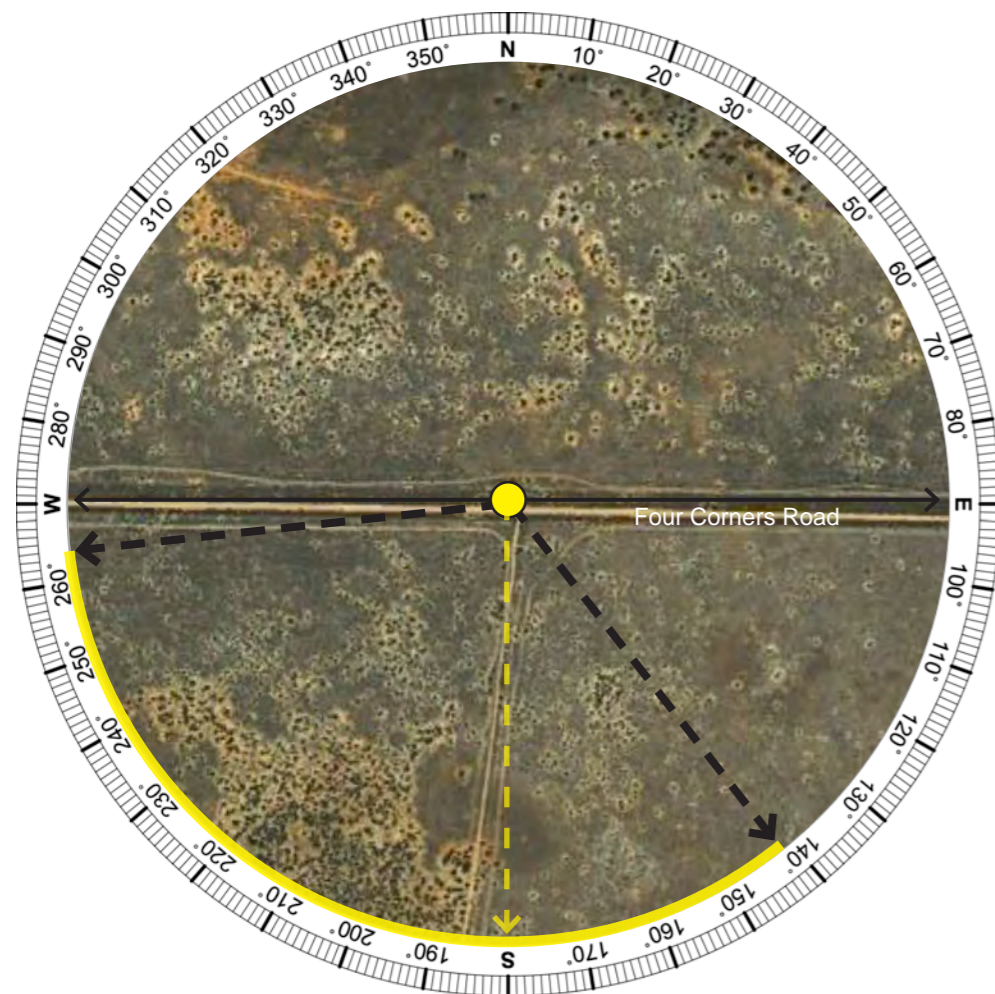
VP12 Four Corners Road, Mabins Well

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP12 (Aerial Image Source: Six Maps)

VIEWPOINT VP12

Viewpoint Summary:	
Location:	Elevation:
Four Corners Road, Mabins Well	109 m
Coordinates:	Viewing Direction:
34°51'20.53"S 145°30'51.77"E	South
Distance to nearest WTG:	Visibility Distance Zone:
1.52 km	Far Foreground (FF)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along unsealed Four Corners Road. The terrain is characterised as flat and is used for grazing. Vegetation character is defined as native grasses, low lying shrub varieties including saltbush, and scattered tree species aligning Four Corners Road and throughout adjoining paddocks.
Potential Visual Impact:
Due to close proximity of the viewpoint to the turbines, there will be clear views of the Project from this location. Views towards some turbines in the distance may be filtered and screened by scattered vegetation to the south.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

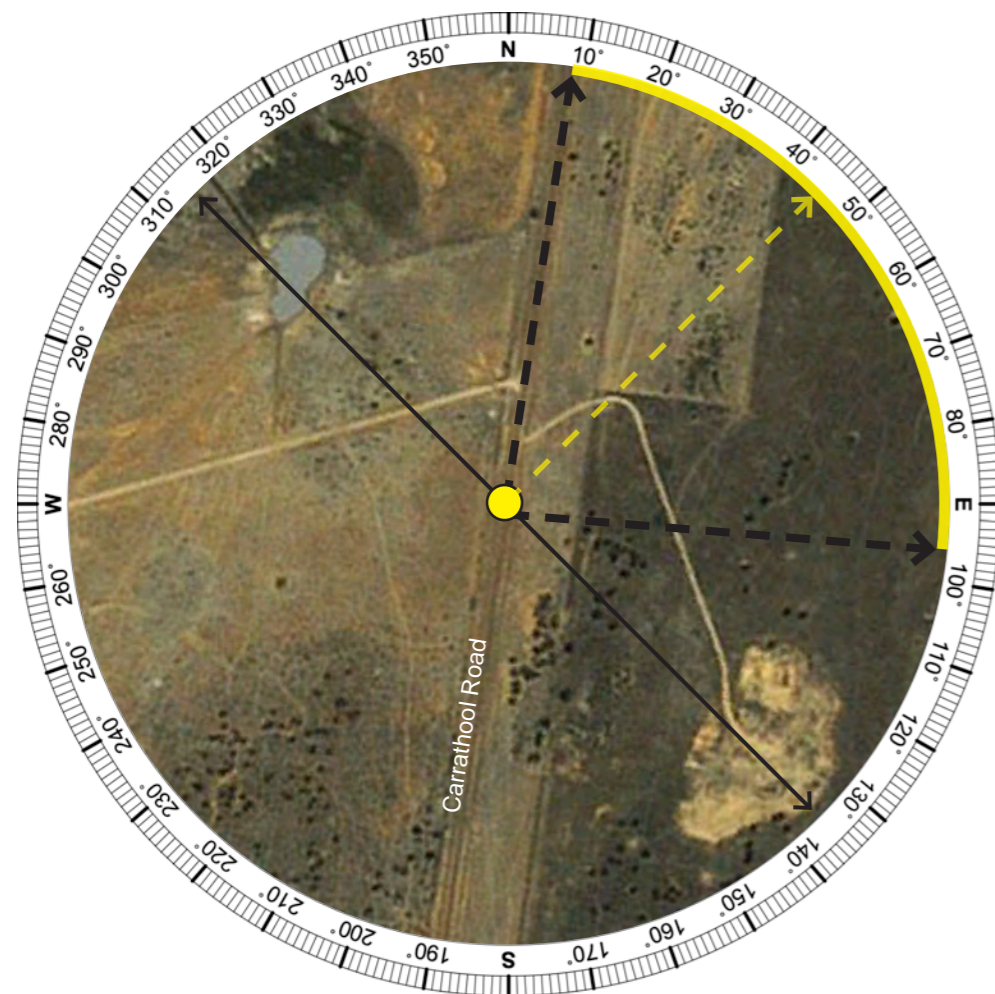
VP13 Carrathool Road, Steam Plains

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



VIEWPOINT VP13

Viewpoint Summary:	
Location:	Elevation:
Carrathool Road, Steam Plains	101 m
Coordinates:	Viewing Direction:
35° 4'0.04"S 145°22'47.50"E	Northeast
Distance to nearest WTG:	Visibility Distance Zone:
6.05 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along Carrathool Road. The terrain is characterised as flat, which has been modified to support agricultural activity and grazing. Vegetation character is scattered, defined as native grasses, low lying shrub varieties and scattered tree species in the far middleground along the horizon.
Potential Visual Impact:
Due to the flat terrain in this location, there will be distant views of the Project to the northeast. Views towards some turbines in the distance may be filtered and screened by vegetation along the horizon.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

Aerial Image VP13 (Aerial Image Source: Six Maps)

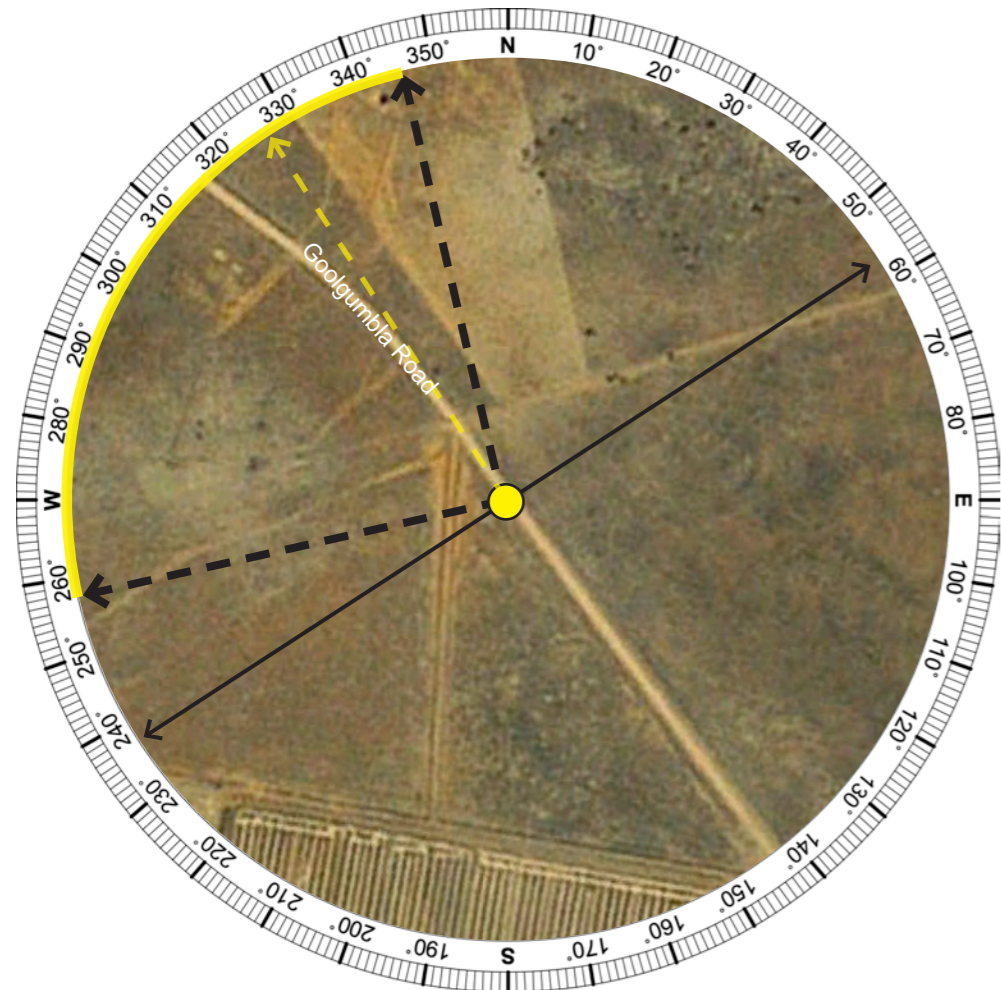
VP14a Goolgumbra Road, Mabins Well

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



VIEWPOINT VP14a

Viewpoint Summary:	
Location:	Elevation:
Goolgumbra Road, Mabins Well	107 m
Coordinates:	Viewing Direction:
34°59'58.99"S 145°33'8.94"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
4.14 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy Plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along unsealed Goolgumbra Road. The terrain is characterised as flat. Surrounding land supports agricultural activity and grazing. Vegetation character is defined as grasses and scattered tree species in the distance along the horizon.
Potential Visual Impact:
Due to close proximity of the viewpoint to the turbines, there will be clear views of the Project from this location.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

Aerial Image VP14a (Aerial Image Source: Six Maps)

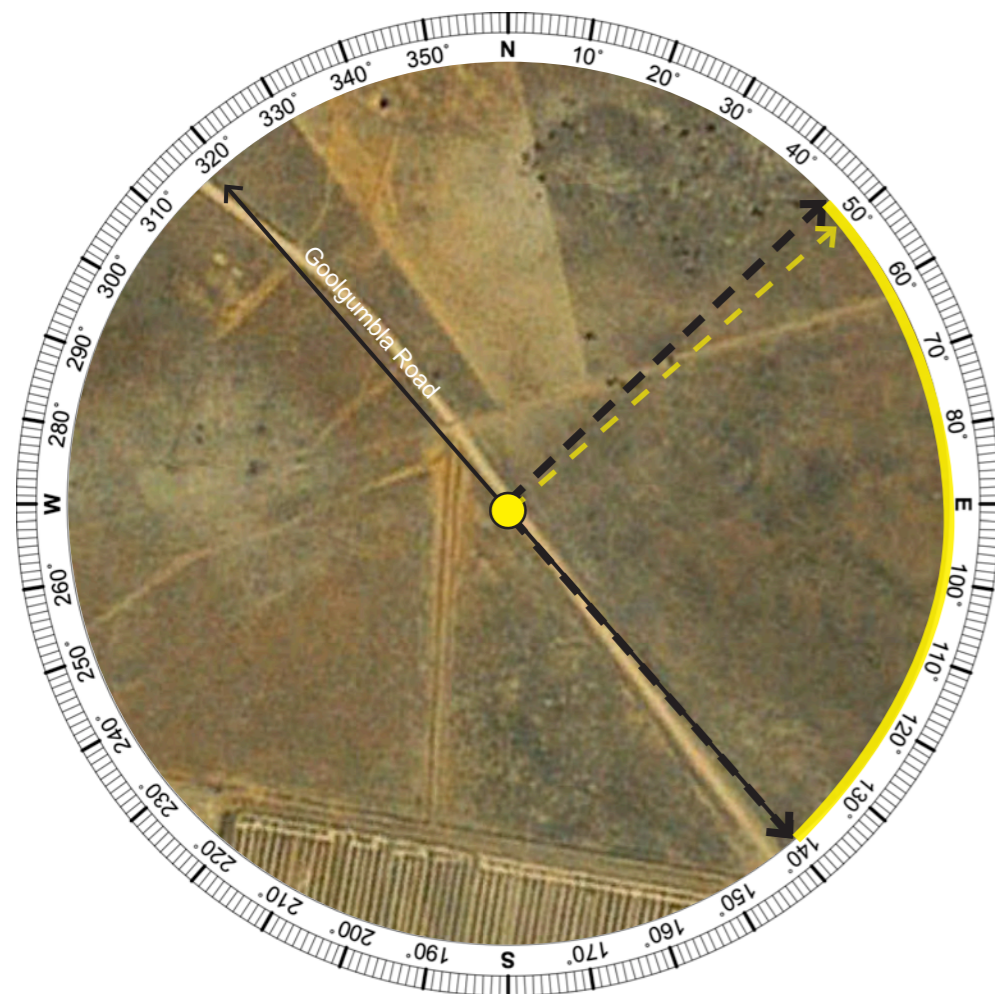
VP14b Goolgumbra Road, Mabins Well

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



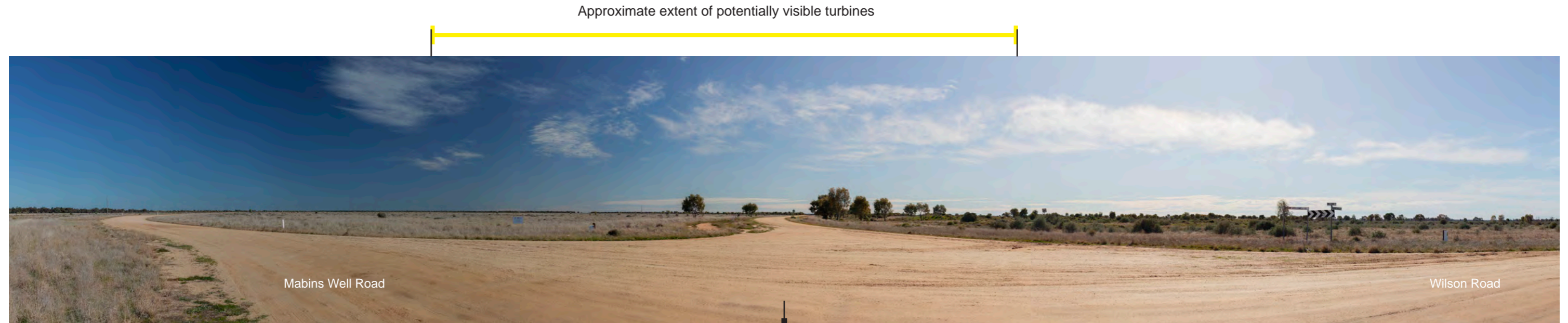
Aerial Image VP14b (Aerial Image Source: Six Maps)

VIEWPOINT VP14b

Viewpoint Summary:	
Location:	Elevation:
Goolgumbra Road, Mabins Well	107 m
Coordinates:	Viewing Direction:
34°59'58.99"S 145°33'8.94"E	East
Distance to nearest WTG:	Visibility Distance Zone:
4.14 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy Plains	Low
Visual Influence Zone:	
VIZ3	

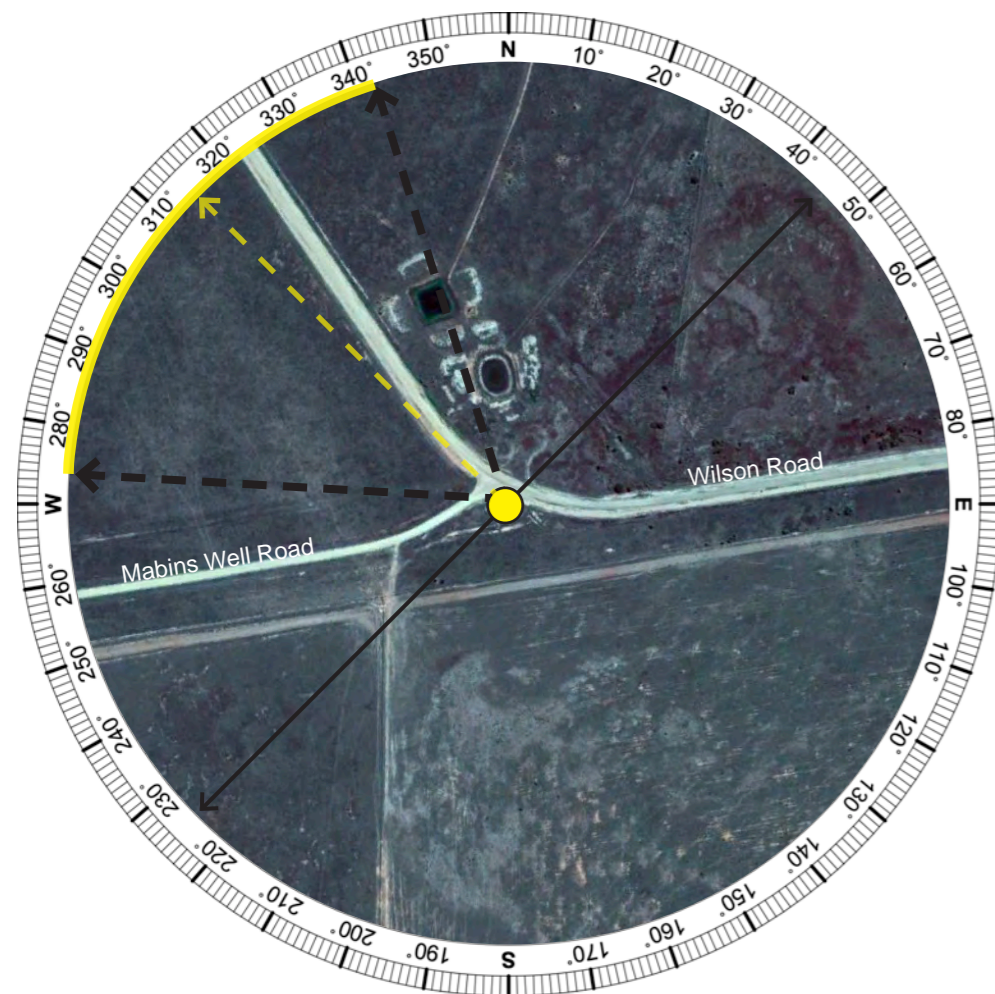
Existing Landscape Character Description:
This viewpoint was taken along unsealed Goolgumbra Road towards Oolambeyan National Park. The terrain is characterised as flat. Surrounding land supports agricultural activity and grazing. Vegetation character is defined as grasses and scattered tree species in the distance along the horizon.
Potential Visual Impact:
Due to close proximity of the viewpoint to the turbines, there will be clear views of the Project from this location.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

VP15a Corner Mabins Well Road & Wilson Road, Argoon



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP15a (Aerial Image Source: Six Maps)

VIEWPOINT VP15a

Viewpoint Summary:	
Location:	Elevation:
Corner Mabins Well Road & Wilson Road, Argoon	107 m
Coordinates:	Viewing Direction:
35° 1'45.15"S 145°34'42.90"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
0.47 km	Near Foreground (NF)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy Plains	Low
Visual Influence Zone:	
VIZ2	

Existing Landscape Character Description:
This viewpoint was taken at the corner of Mabins Well Road and Wilson Road. The terrain is characterised as relatively flat and gently undulates towards the north. Surrounding land currently supports agricultural activity and grazing. Vegetation character is defined as native grasses and low lying shrubs including saltbush. Scattered tree species are visible to the northwest aligning the road edge.
Potential Visual Impact:
The closest turbine in this direction is located in excess of 9 km west. Generally, within the context of the view west, the turbines are likely to form a minor element in the view due to distance. However, turbines east of the view are located at close proximity of the viewpoint and there will be clear views of the Project. As a result, and in the context of the overall views from this location, the Project will form the dominant element of views from this location. A photomontage has been prepared from this viewpoint, refer PM14a of Appendix D. Photomontages and Wireframes
Visual Performance Objectives:
Visual Magnitude: Views in up to two (2) 60 degree sectors (120 degrees) are likely to be available from this location. This is deemed acceptable in accordance with the Bulletin.
Landscape Scenic Integrity: Due to the close proximity, the Project is likely to be a dominant element in the landscape. Turbines are visually apparent and a major element in the landscape. However, it is noted that the landscape character surrounding the viewpoint is of low Scenic Quality Rating.
Key Feature Disruption: There are no key features identified within the view. As a result, no key features will be disrupted as a result of the Project from this location.

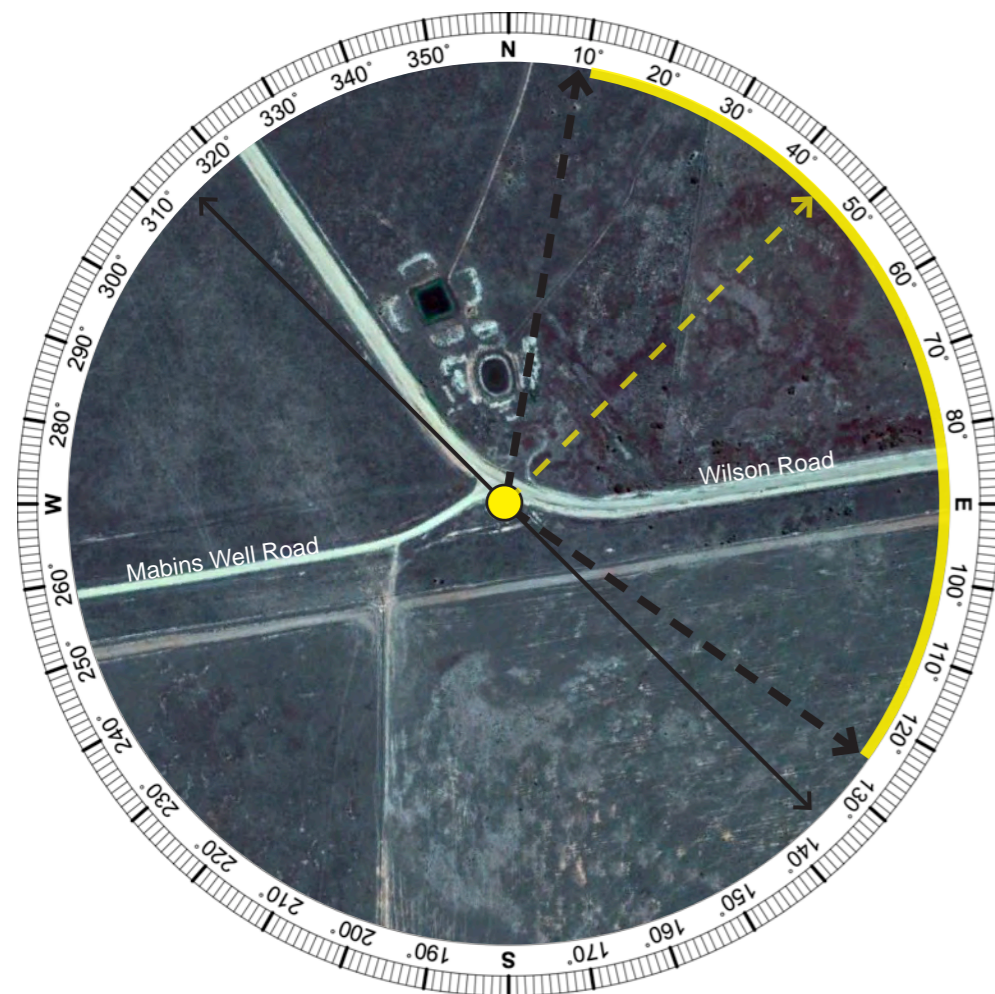
VP15b Corner Mabins Well Road & Wilson Road, Argoon

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP15b (Aerial Image Source: Six Maps)

VIEWPOINT VP15b

Viewpoint Summary:	
Location:	Elevation:
Corner Mabins Well Road & Wilson Road, Argoon	107 m
Coordinates:	Viewing Direction:
35° 1'45.15"S 145°34'42.90"E	Northeast
Distance to nearest WTG:	Visibility Distance Zone:
0.43 km	Near Foreground (NF)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy Plains	Low
Visual Influence Zone:	
VIZ2	

Existing Landscape Character Description:	
This viewpoint was taken at the corner of Mabins Well Road and Wilson Road. The terrain is characterised as relatively flat and gently undulates towards to the north. Surrounding land currently supports agricultural activity and grazing. Vegetation character is defined as native grasses and low lying shrubs including saltbush. Scattered tree species are visible to the east aligning the road edge. Views are open and expansive from this location.	
Potential Visual Impact:	
Due to close proximity of the viewpoint to the turbines, there will be clear views of the Project from this location.	
A photomontage has been prepared from this viewpoint, refer PM14b of Appendix D. Photomontages and Wireframes	
Visual Performance Objectives:	
Visual Magnitude: Views in up to two (2) 60 degree sectors (120 degrees) are likely to be available from this location. This is deemed acceptable in accordance with the Bulletin.	
Landscape Scenic Integrity: Due to the close proximity, the Project is likely to be a dominant element in the landscape. Turbines are visually apparent and a major element in the landscape. However, it is noted that the landscape character surrounding the viewpoint is of low Scenic Quality Rating.	
Key Feature Disruption: There are no key features identified within the view. As a result, no key features will be disrupted as a result of the Project from this location.	

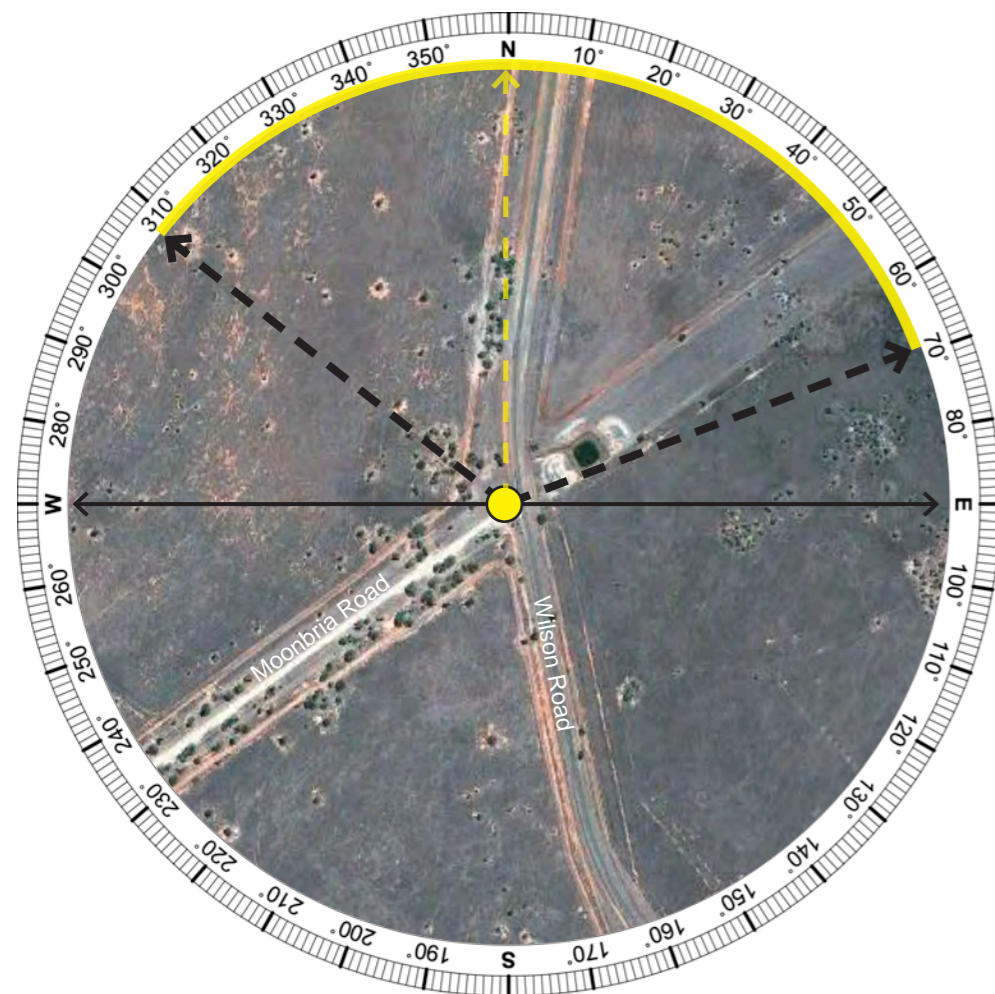
VP16 Corner Moonbria Road & Wilson Road, Jerilderie

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP16 (Aerial Image Source: Six Maps)

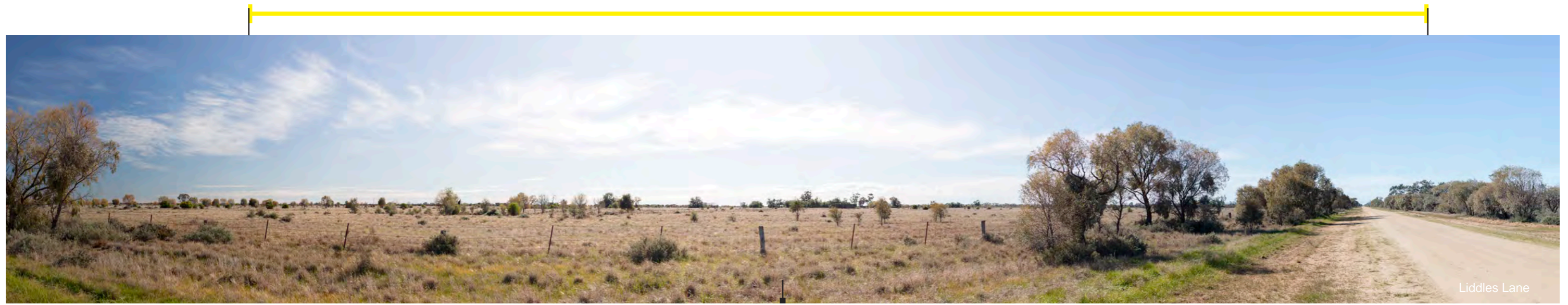
VIEWPOINT VP16

Viewpoint Summary:	
Location:	Elevation:
Corner Moonbria Road & Wilson Road, Jerilderie	106 m
Coordinates:	Viewing Direction:
35° 7'49.80"S 145°34'42.21"E	North
Distance to nearest WTG:	Visibility Distance Zone:
9.19 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:	
This viewpoint was taken at the intersection of Moonbria Road and Wilson Road. The terrain is flat. Surrounding land supports agricultural activity and grazing. Vegetation character is defined as native grasses, low lying shrub varieties and scattered trees to the northwest and along horizon.	
Potential Visual Impact:	
Due to the relatively flat terrain in this location, there will be clear views of the Project to the north, with filtered views towards some turbines to the northwest.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

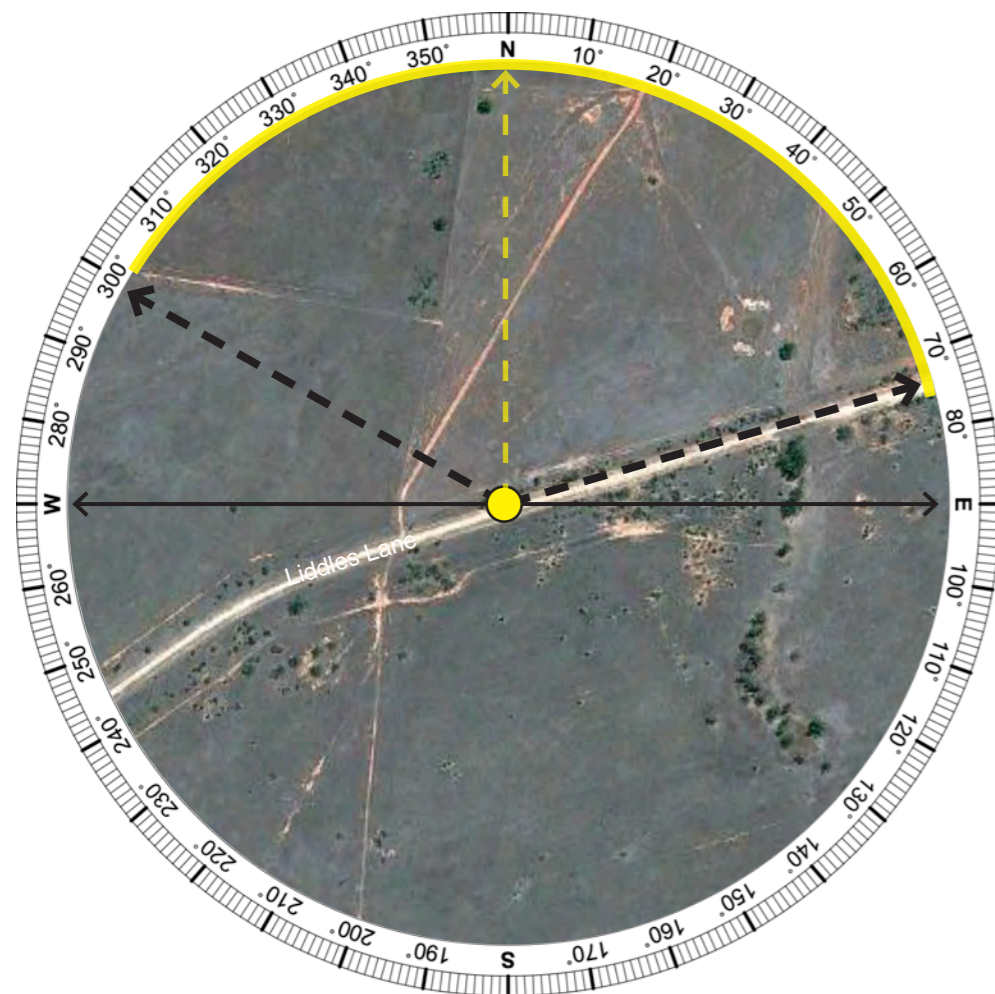
VP17 Liddles Lane, Jerilderie

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



VIEWPOINT VP17

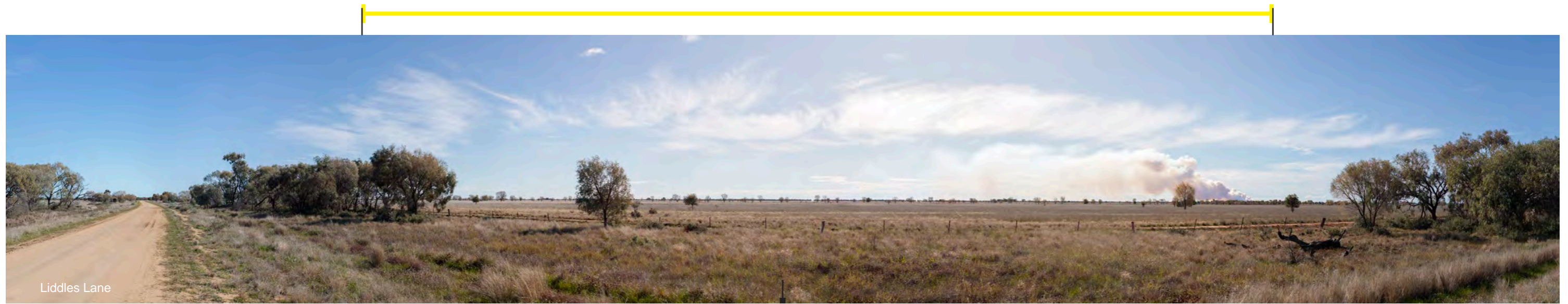
Viewpoint Summary:	
Location:	Elevation:
Liddles Lane, Jerilderie	107 m
Coordinates:	Viewing Direction:
35° 6'36.57"S 145°36'45.11"E	North
Distance to nearest WTG:	Visibility Distance Zone:
5.89 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along unsealed Liddles Lane. The terrain is characterised as flat and supports agricultural activity and grazing. Vegetation character is scattered, defined as grasses, low lying shrubs and scattered tree species aligning Liddles Lane within the road corridor.
Potential Visual Impact:
Due to the flat terrain in this location, there will be clear views of the Project to the north. Views towards some turbines may be filtered and screened by the scattered vegetation aligning Liddles Lane particularly to the northeast.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

Aerial Image VP17 (Aerial Image Source: Six Maps)

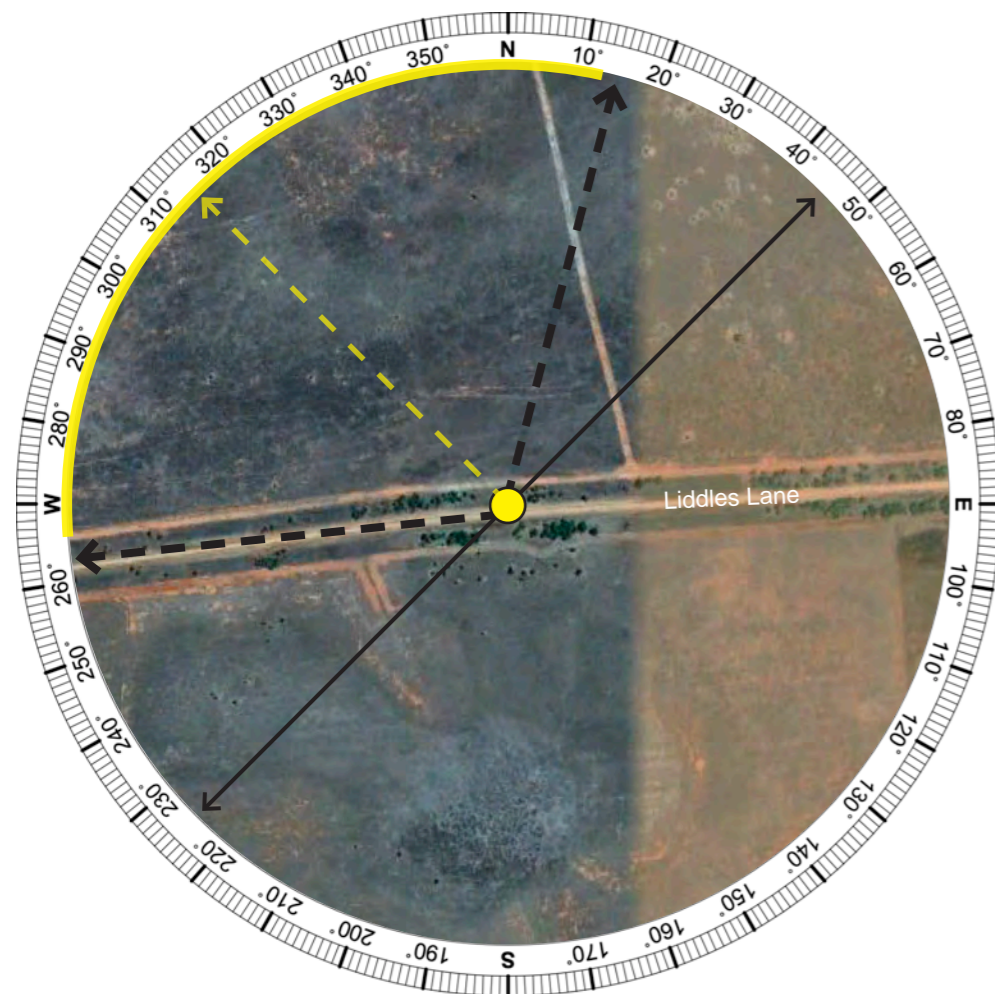
VP18 Liddles Lane, Jerilderie

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



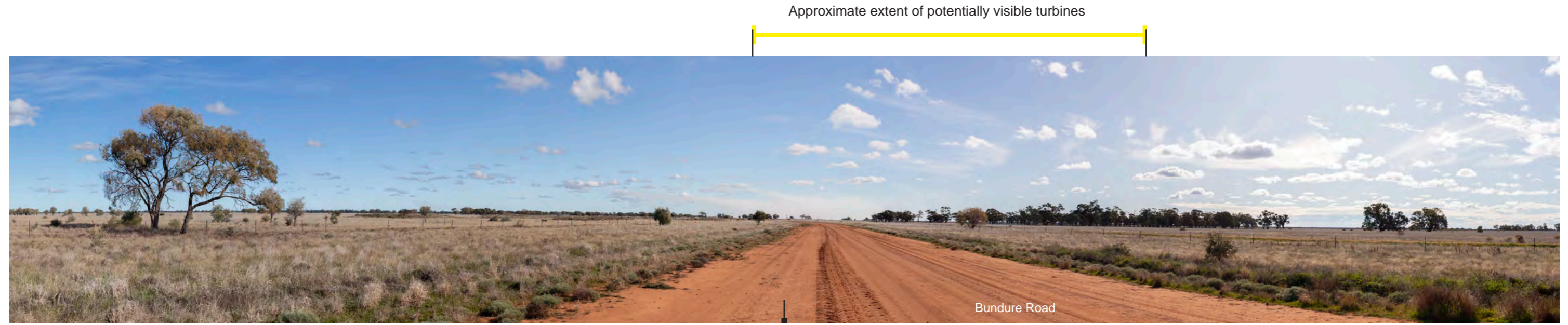
Aerial Image VP18 (Aerial Image Source: Six Maps)

VIEWPOINT VP18

Viewpoint Summary:	
Location:	Elevation:
Liddles Lane, Jerilderie	113 m
Coordinates:	Viewing Direction:
35° 5'17.43"S 145°44'45.67"E	Northwest
Distance to nearest WTG:	Visibility Distance Zone:
3.32 km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

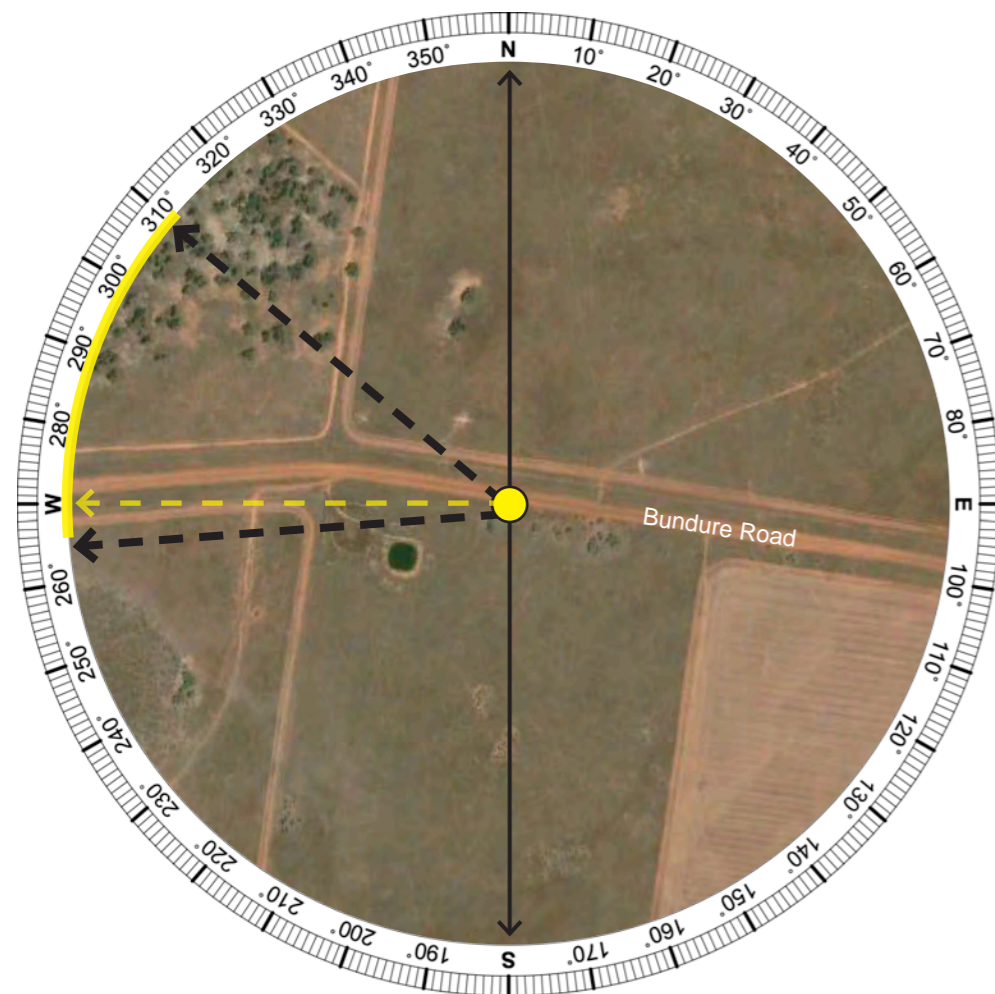
Existing Landscape Character Description:	
This viewpoint was taken along Liddles Lane. The flat terrain supports agricultural activity and grazing. Scattered trees dot the adjoining paddocks and vegetation within the road corridor aligning the property fencelines.	
Potential Visual Impact:	
Due to the flat terrain, there will be clear views of the Project to the northwest. Views towards some turbines in the distance may be filtered and screened by the vegetation aligning Liddles Lane to the west.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

VP19 Bundure Road, Bundure



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



VIEWPOINT VP19

Viewpoint Summary:	
Location:	Elevation:
Bundure Road, Bundure	116 m
Coordinates:	Viewing Direction:
35° 4'57.74"S 145°50'53.30"E	West
Distance to nearest WTG:	Visibility Distance Zone:
9.77 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:	
This viewpoint was taken along unsealed Bundure Road towards Kidman Way. The terrain is flat. Supporting lands are used for agricultural activity and grazing. Scattered patches of vegetation exists throughout adjoining paddocks along the horizon.	
Potential Visual Impact:	
Due to the flat terrain in this location, there will be clear views of the Project to the west. Because of the viewpoint distance from the turbines. Views towards some turbines may be filtered and screened by the vegetation to the northwest.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

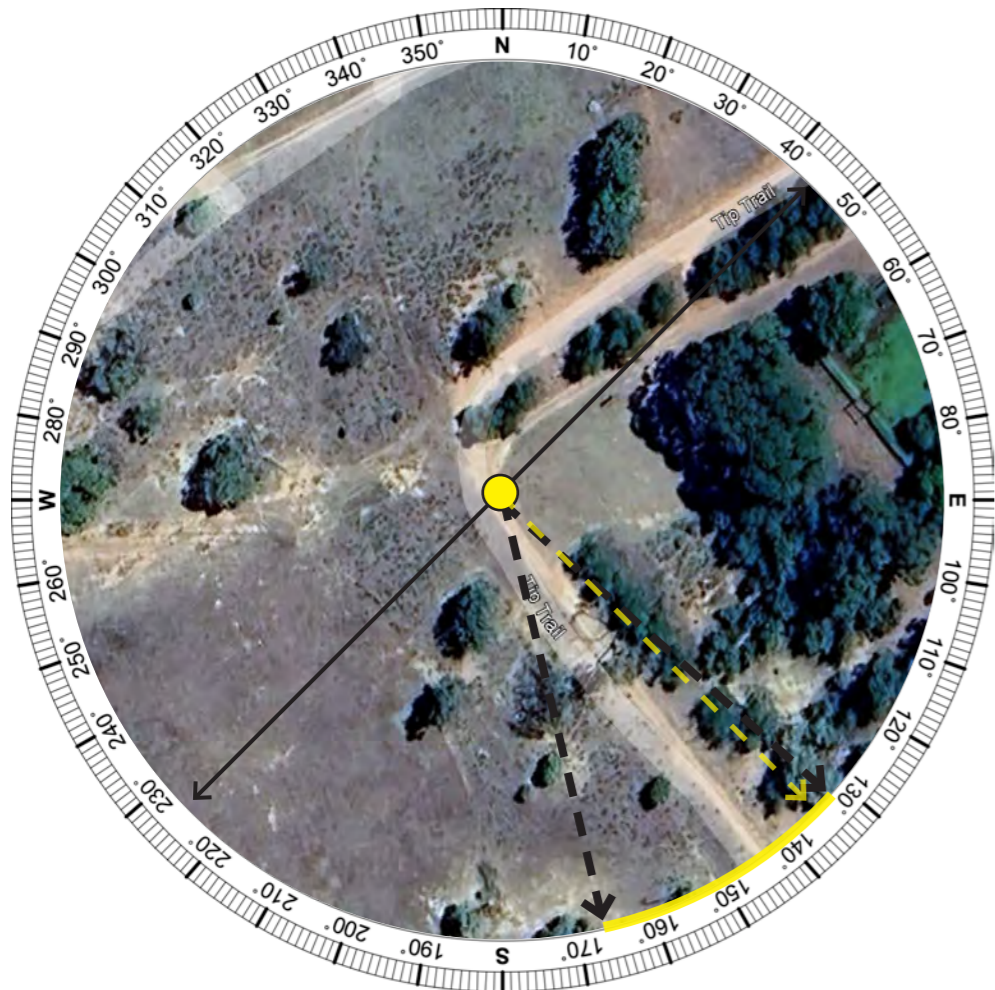
Aerial Image VP19 (Aerial Image Source: Six Maps)

VP20 Oolambeyan Homestead Picnic Area, Oolambeyan National Park



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP20 (Aerial Image Source: Six Maps)

VIEWPOINT VP20

Viewpoint Summary:	
Location:	Elevation:
Oolambeyan Homestead Picnic Area, Oolambeyan National Park	105 m
Coordinates:	Viewing Direction:
34°40'40.87"S 145°17'46.70"E	Southeast
Distance to nearest WTG:	Visibility Distance Zone:
24.6 km	Far Background (FB)
Land Use:	Viewer Sensitivity Level:
National Park Heritage Building	Level 1 - High
LCU:	Scenic Quality Rating:
LCU01: Grassy Woodlands	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken at Oolambeyan Homestead Picnic Area in Oolambeyan National Park. The terrain is flat and land parcels outside the fenceline are used for grazing. Land within the National Park is characterised as predominantly grassland with patches of woodlands including species such as Grey Box, White Cypress Pine and Yellow Box. Trees are dispersed across the middleground and in clusters along the distant horizon .
Potential Visual Impact:
Due to the viewpoint distance from the Project, it is likely that the Project will not be visible at this location.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

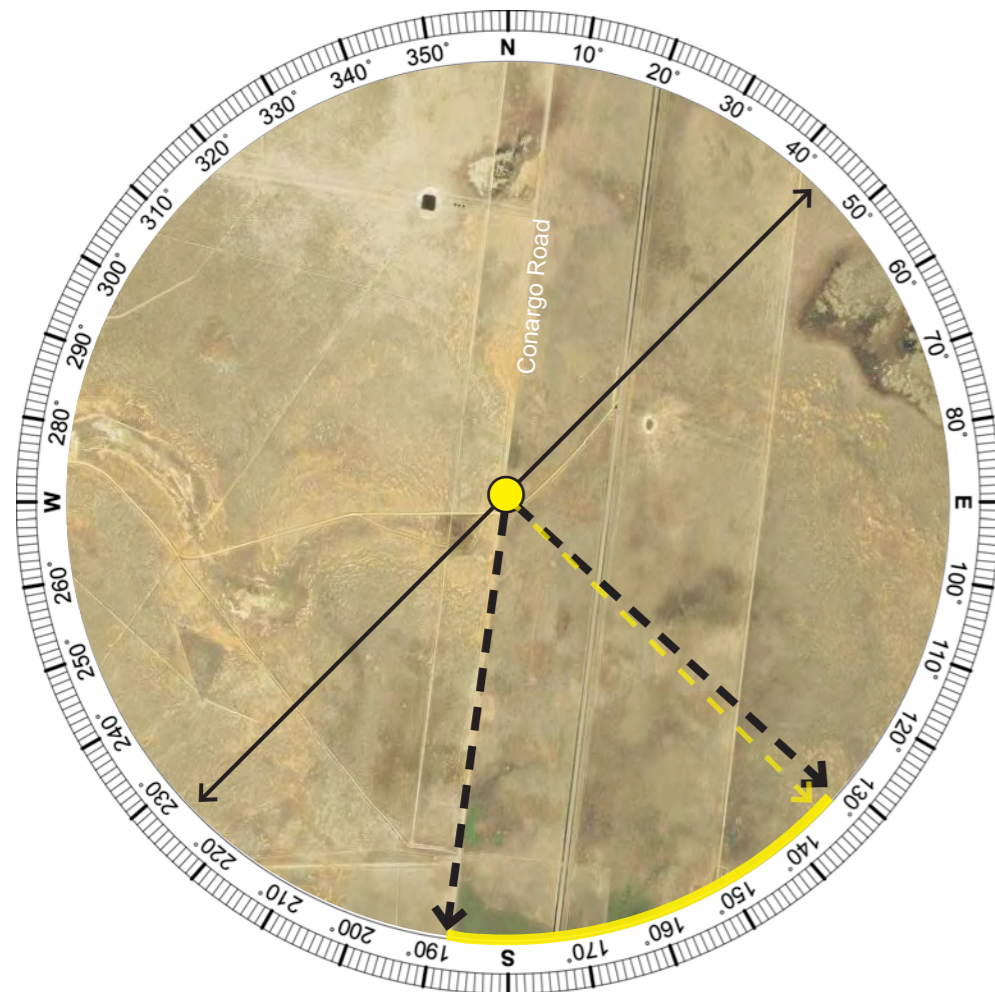
VP21 Off Conargo Road, Four Corners

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP21 (Aerial Image Source: Six Maps)

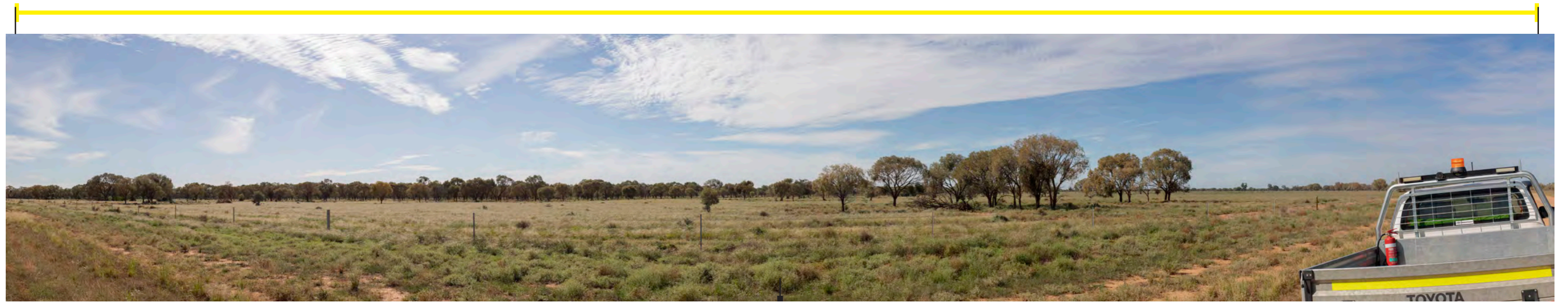
VIEWPOINT VP21

Viewpoint Summary:	
Location:	Elevation:
Off Conargo Road, Four Corners	107 m
Coordinates:	Viewing Direction:
34°45'42.46"S 145°25'32.43"E	Southeast
Distance to nearest WTG:	Visibility Distance Zone:
11.52 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU02: Seasonal Water Corridors	Moderate
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken off Conargo Road. The terrain is flat and supports agricultural activity and grazing. Vegetation is scattered within grassland to the southeast.
Potential Visual Impact:
Due to the flat terrain in this location, there will be views of the Project to the southeast. In combination with the viewpoint distance from the turbines, views towards some turbines in the distance may be filtered and screened by the scattered vegetation within paddocks.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

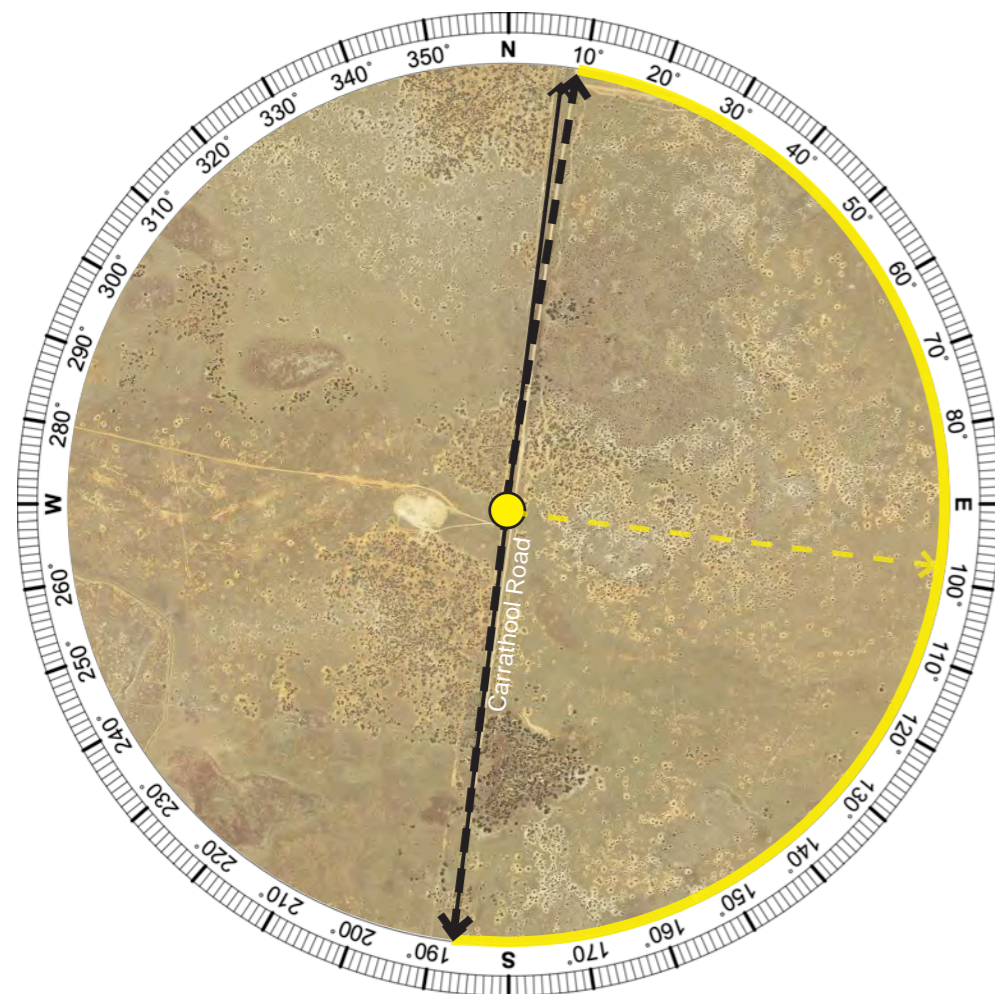
VP22 Carrathool Road, Steam Plains

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP22 (Aerial Image Source: Six Maps)

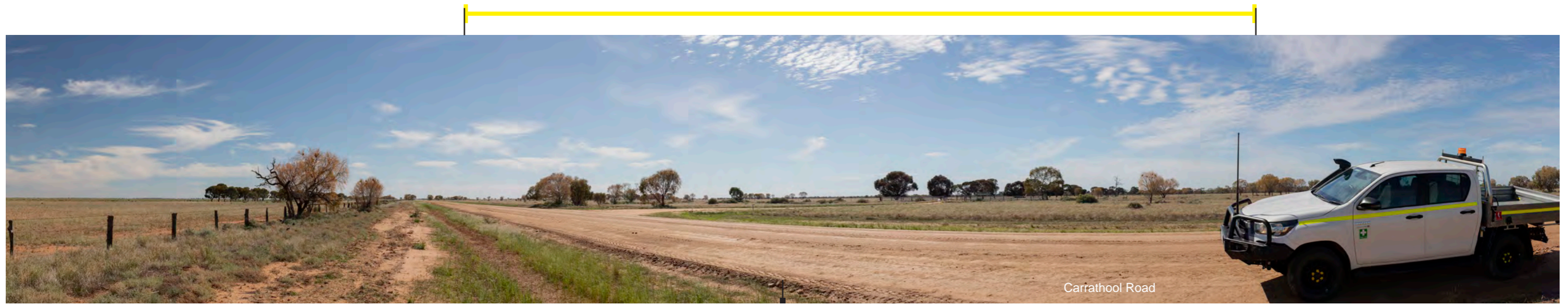
VIEWPOINT VP22

Viewpoint Summary:	
Location:	Elevation:
Carrathool Road, Steam Plains	106 m
Coordinates:	Viewing Direction:
34°56'25.88"S 145°24'6.34"E	East
Distance to nearest WTG:	Visibility Distance Zone:
0.24 km	Near Foreground (NF)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ2	

Existing Landscape Character Description:
This viewpoint was taken along Carrathool Road. The terrain is flat and supports agricultural activity and grazing outside the road corridor. The vegetation character is low-lying and dense along the horizon. Scattered trees are visible within the middleground in the adjoining paddocks to the east.
Potential Visual Impact:
Due to close proximity of the viewpoint to the turbines, there will be clear views of the Project from this location. A photomontage has been prepared from this viewpoint, refer PM15 of Appendix D. Photomontages and Wireframes
Visual Performance Objectives:
Visual Magnitude: Views in up to three (3) 60 degree sectors (180 degrees) are likely to be available from this location.
Landscape Scenic Integrity: Due to the close proximity, the Project is likely to be a dominant element in the landscape. Turbines are visually apparent and a major element in the landscape. However, it is noted that the landscape character surrounding the viewpoint is of low Scenic Quality Rating.
Key Feature Disruption: There are no key features identified within the view. As a result, no key features will be disrupted as a result of the Project from this location.

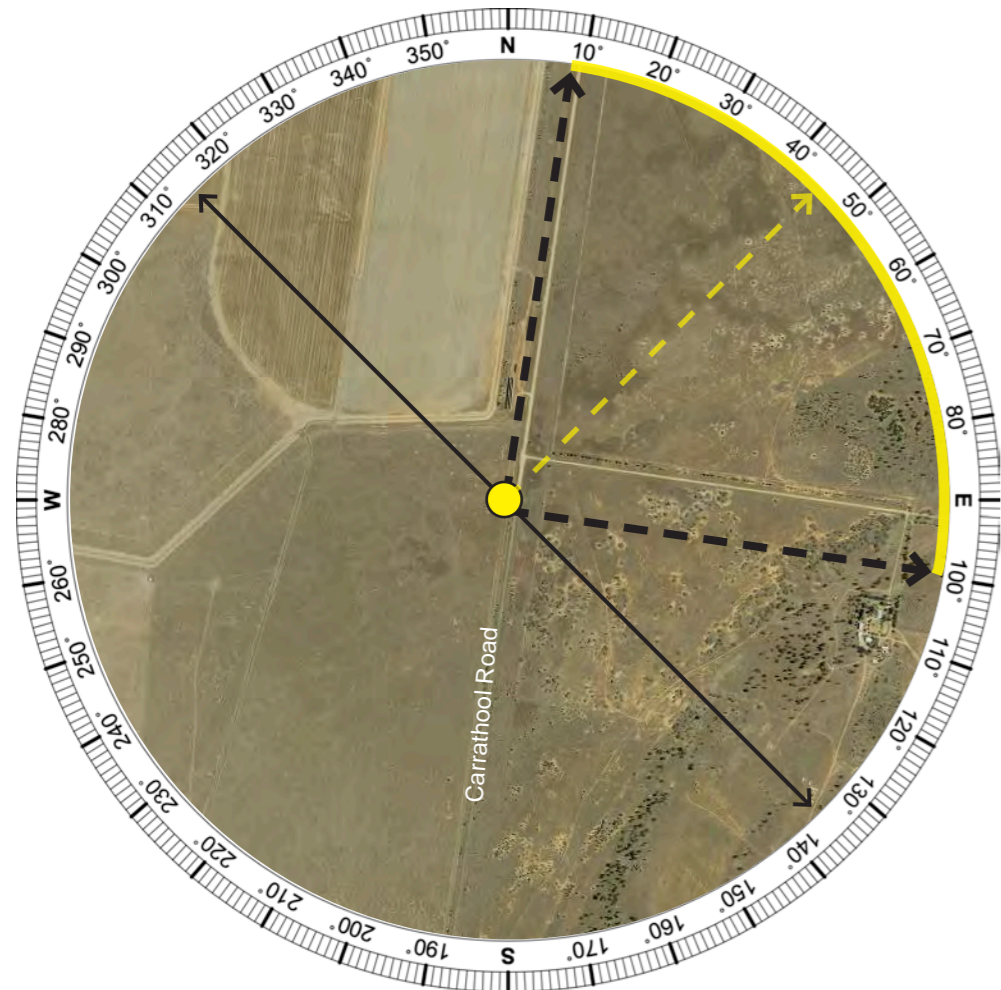
VP23 Carrathool Road, Steam Plains

Approximate extent of potentially visible turbines



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



VIEWPOINT VP23

Viewpoint Summary:	
Location:	Elevation:
Carrathool Road, Steam Plains	102 m
Coordinates:	Viewing Direction:
35°2'52.60"S 145°22'59.03"E	Northeast
Distance to nearest WTG:	Visibility Distance Zone:
3.98 km	Near Middleground (NM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:	
This viewpoint was taken along unsealed Carrathool Road. The terrain is flat in this location, with parcels supporting agricultural activity and grazing outside the road corridor. The vegetation is Scattered in pockets across the middleground.	
Potential Visual Impact:	
Due to the flat terrain in this location, there will be views of the Project to the northeast. Views towards some turbines may be filtered and screened by the scattered vegetation in the middleground to the northeast.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

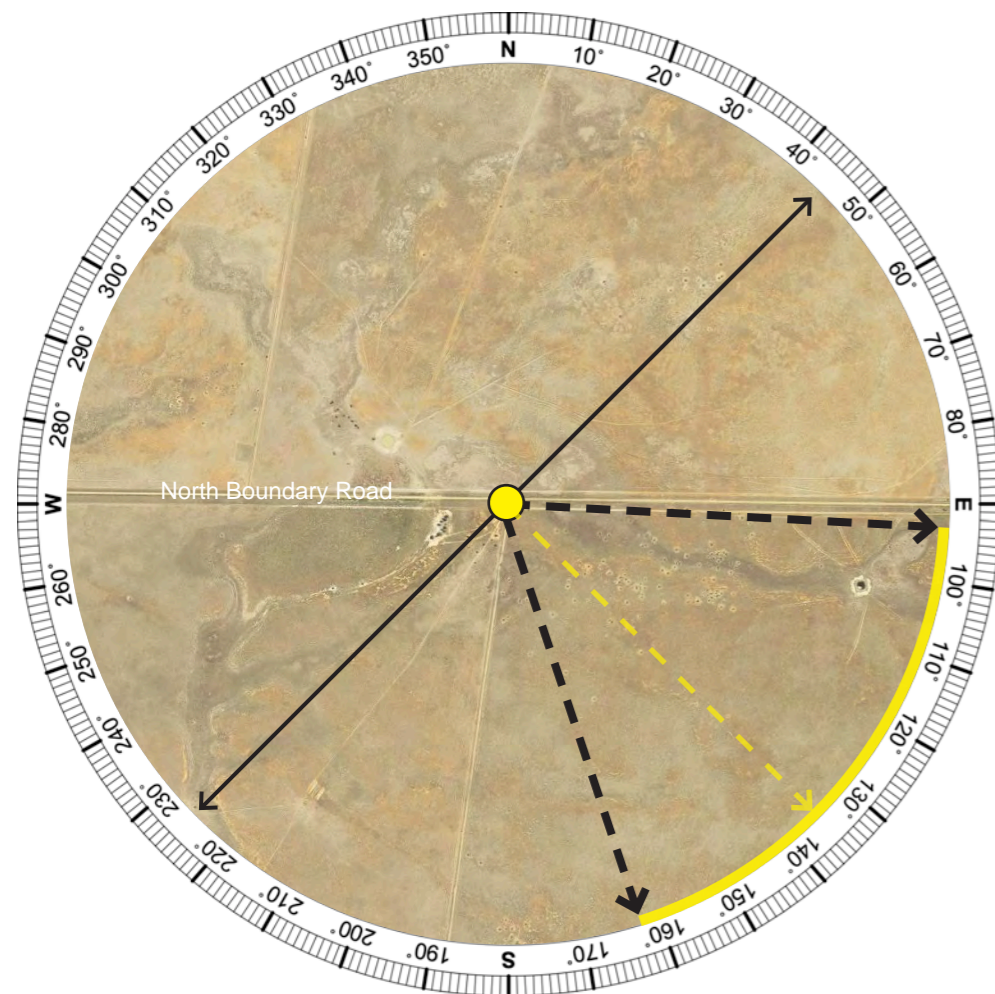
Aerial Image VP23 (Aerial Image Source: Six Maps)

VP24 North Boundary Road, Steam Plains



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



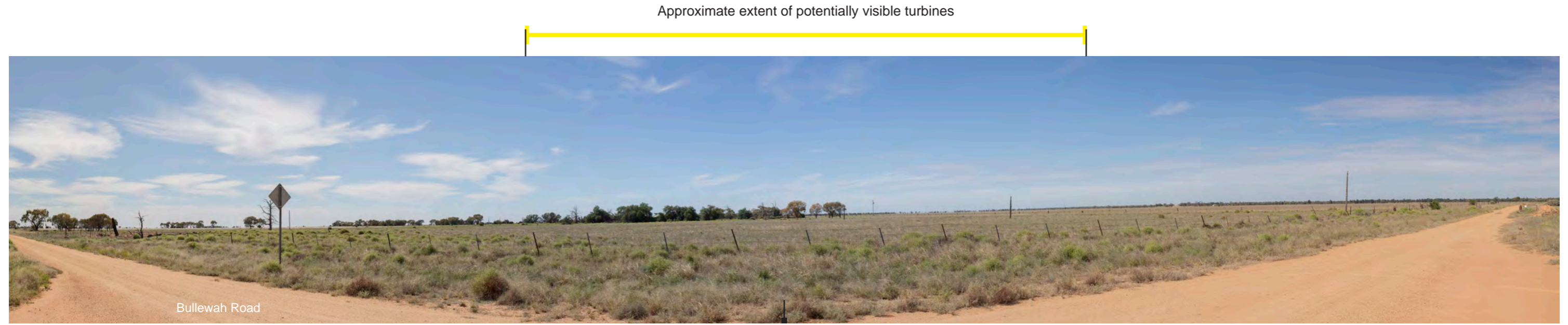
VIEWPOINT VP24

Viewpoint Summary:	
Location:	Elevation:
North Boundary Road, Steam Plains	104 m
Coordinates:	Viewing Direction:
34°51'11.98"S 145°20'1.64"E	Southeast
Distance to nearest WTG:	Visibility Distance Zone:
7.92 km	Far Middleground (FM)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:	
This viewpoint was taken along unsealed Carrathool Road. The terrain is flat with parcels supporting agricultural activity and grazing outside the road corridor. Vegetation is scattered within the adjoining paddocks. A transmission line is visible running along North Boundary Road to the east.	
Potential Visual Impact:	
Due to the flat terrain in this location, there will be views of the Project to the northeast. Views towards some turbines may be filtered and screened by the scattered vegetation in the middleground to the east.	
Visual Performance Objectives:	
No visual performance objectives apply to this viewpoint due to VIZ3.	

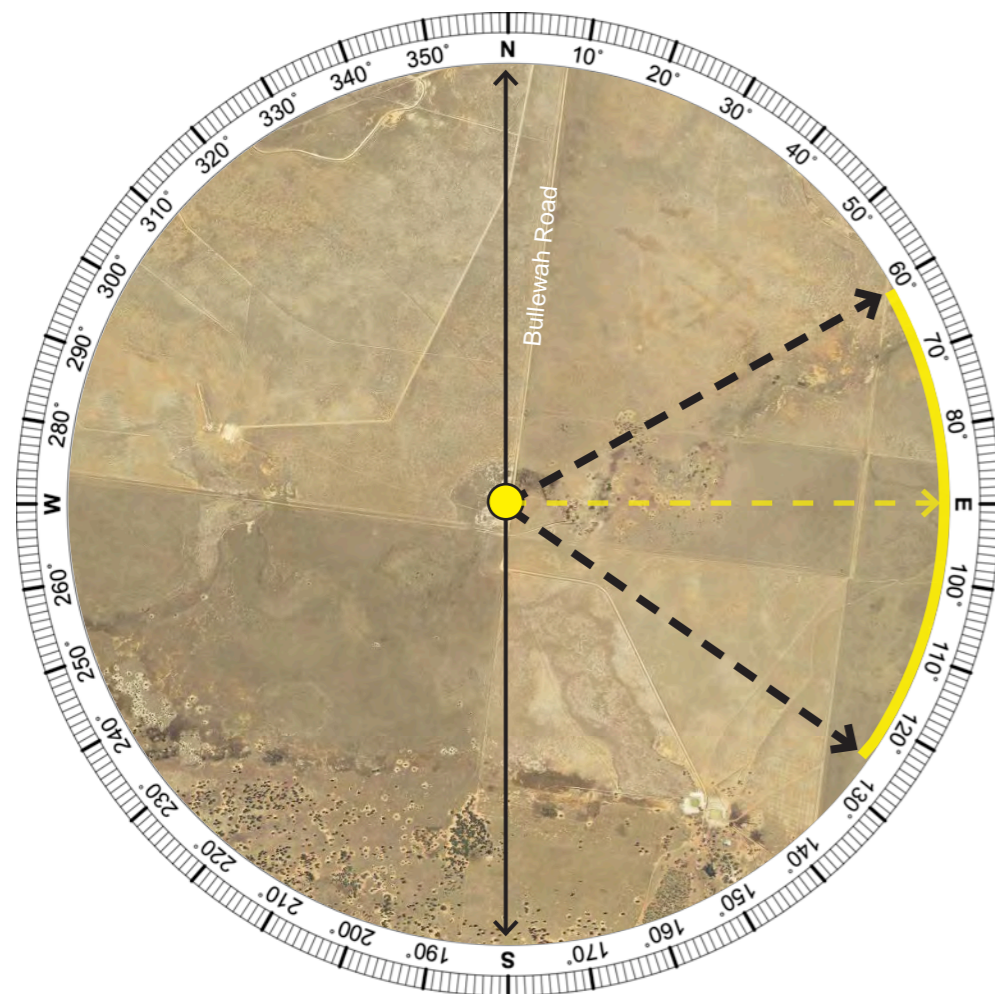
Aerial Image VP24 (Aerial Image Source: Six Maps)

VP25 Bullewah Road, Steam Plains



LEGEND

- Viewing direction and centre of panorama
- Extent of panorama
- Direction of potentially visible turbines
- Extent of potentially visible turbines



Aerial Image VP25 (Aerial Image Source: Six Maps)

VIEWPOINT VP25

Viewpoint Summary:	
Location:	Elevation:
Bullewah Road, Steam Plains	102 m
Coordinates:	Viewing Direction:
34°56'33.38"S 145°16'14.16"E	East
Distance to nearest WTG:	Visibility Distance Zone:
11.97 km	Near Background (NB)
Land Use:	Viewer Sensitivity Level:
Low Use Road	Level 3 - Low
LCU:	Scenic Quality Rating:
LCU04: Grassy plains	Low
Visual Influence Zone:	
VIZ3	

Existing Landscape Character Description:
This viewpoint was taken along unsealed Bullewah Road. The terrain is flat, with parcels being used to support agricultural activity outside road corridor. Pockets of dense vegetation are visible from this location surrounding a rural dwelling to the east and to the southeast along the horizon in the far distance .
Potential Visual Impact:
Due to the flat terrain in this location, there will be clear views of the Project to the east. Views towards some of the turbines in the distance may be filtered and screened by the dense vegetation surrounding the rural dwelling to the east.
Visual Performance Objectives:
No visual performance objectives apply to this viewpoint due to VIZ3.

C

Detailed Dwelling Assessments

C.1. Dwelling Assessment Dwelling R143, 823 Fernbank Road, Argoon NSW

DWELLING R143			
Nearest proposed turbine (km):	2.49 km	Visibility Distance Zone:	Near Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	3	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Two (2)	Landscape Character Unit:	LCU02: Seasonal Water Corridor
Number of visible 60° Sectors (Based on 3D Assessment):	Two (2)	Scenic Quality Rating:	Moderate
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ2

Visual Impact Rating: LOW

Assessment Notes:

Aerial imagery indicates existing scattered vegetation surrounding the dwelling, with dense vegetation to the south of the dwelling. A shed is located to the west of the dwelling, and screens views in this direction. The dwelling is located on flat terrain and is accessed via Fernbank Road, Argoon. Views from the dwelling are predominantly directed towards the north and the southwest. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the western side of the dwelling to represent views from the property.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to two (2) 60 degree sectors which is deemed acceptable in accordance with the Bulletin. Existing scattered vegetation to the west and south west is likely to screen the majority of views of turbines. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **LOW**.

Visual Performance Objectives Evaluation (VIZ2):

Visual Magnitude: There are three (3) turbines are located within the black line of visual magnitude and 12 turbines between the black and blue line of visual magnitude.

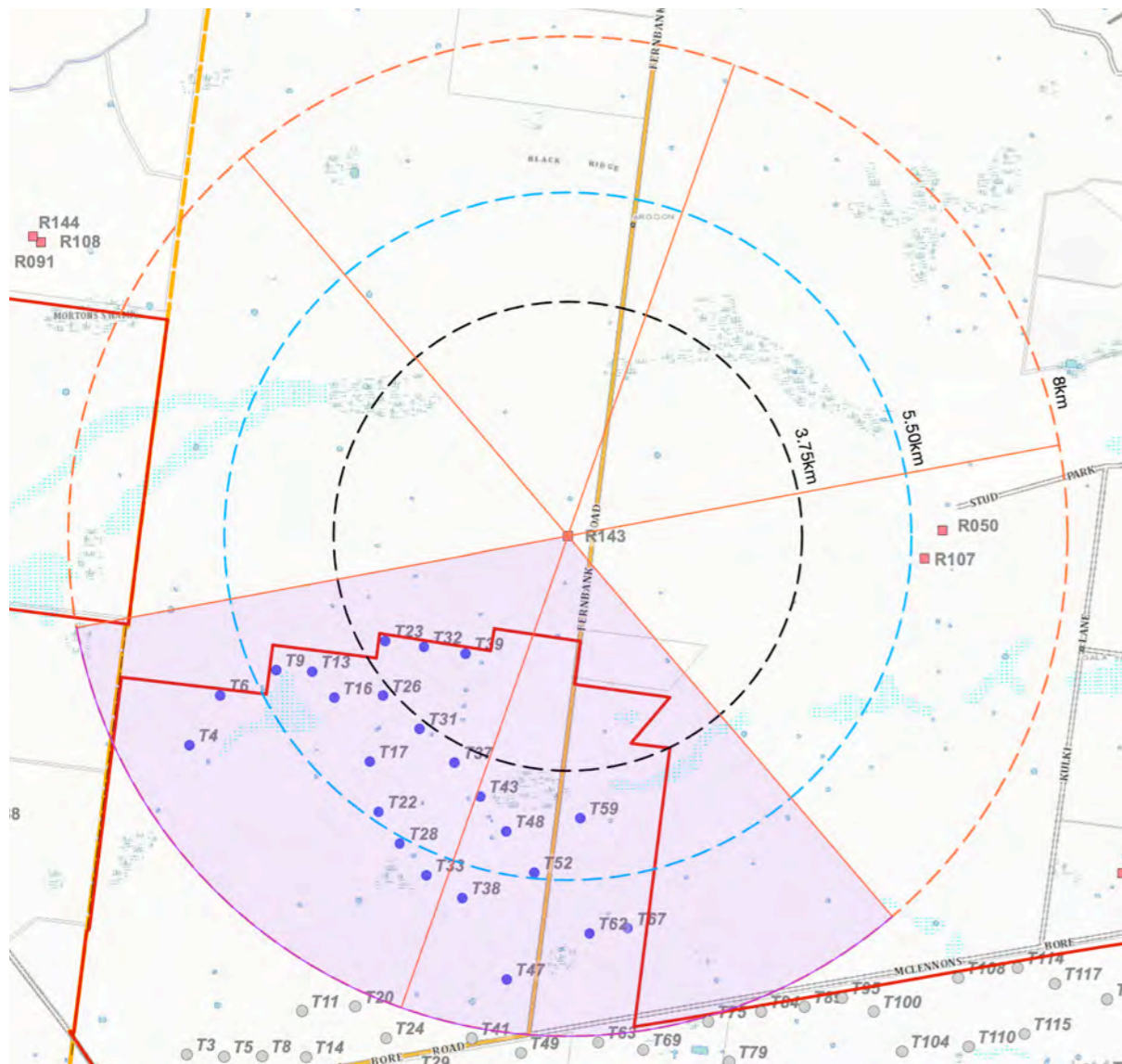
Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to two (2) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Landscape Scenic Integrity: Views towards turbines will be limited due to the existing screen factors including vegetation and built structures. As a result the turbines will not impact the landscape scenic integrity.

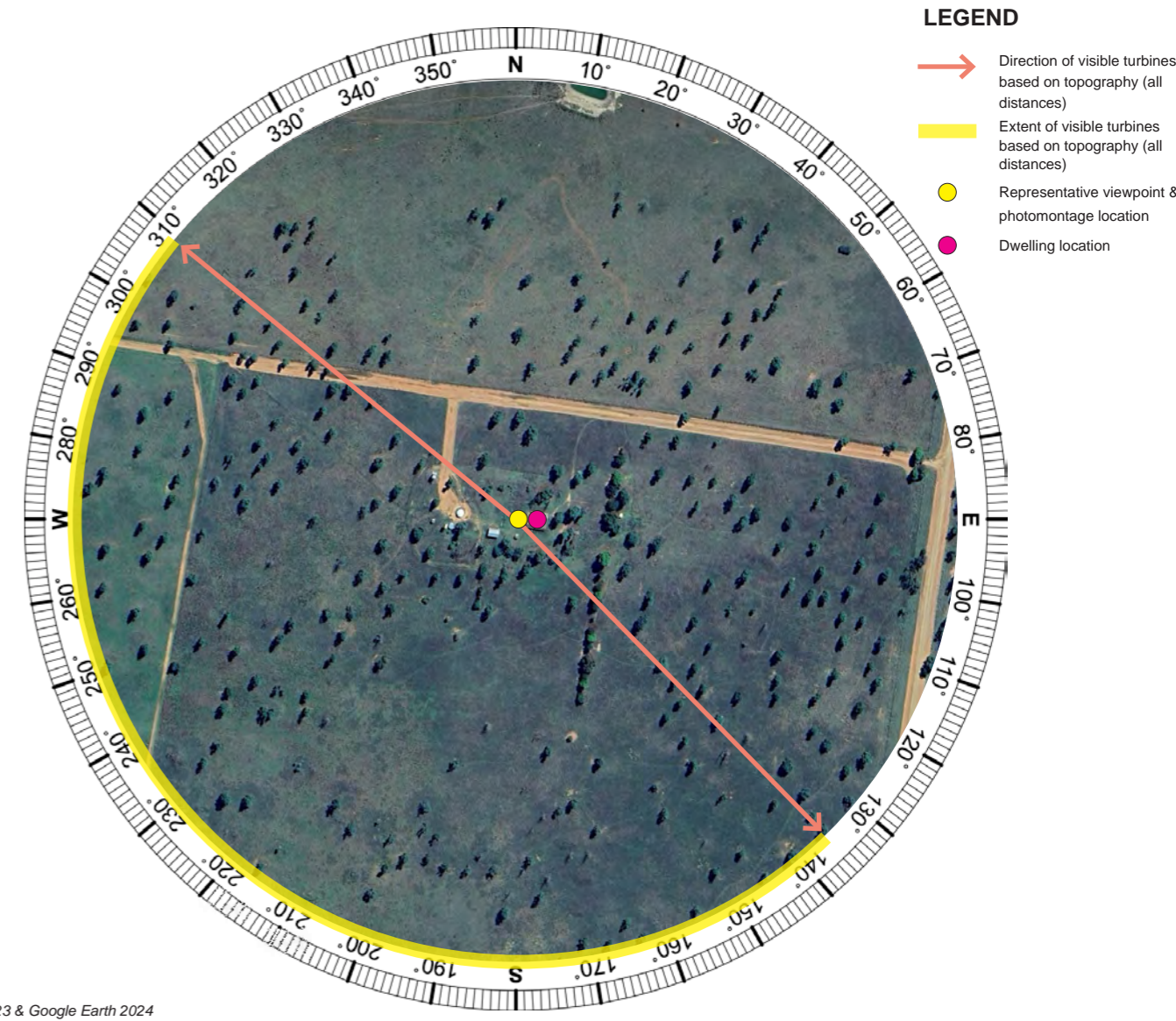
Key Feature Disruption: As views toward turbines are limited, the Project is not likely to disrupt the key landscape features.

Mitigation Measures:

Mitigation Measures are not deemed necessary from this dwelling due to the existing intervening vegetation.



Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024

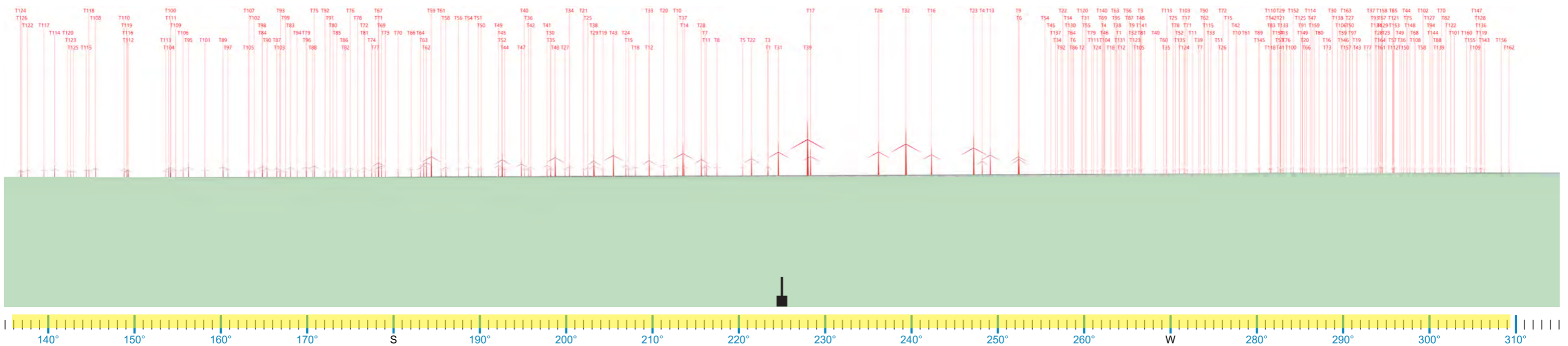


C.1. Dwelling Assessment Dwelling R143, 823 Fernbank Road, Argoon NSW



Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the southwest (assessment based on topography alone). Views of the Project will be limited by existing vegetation and structures.



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 Extent of Turbines based on topography (all distances)

C.2. Dwelling Assessment Dwelling R019 Mclennons Bore Road, Gala Vale NSW

DWELLING R019			
Nearest proposed turbine (km):	2.03 km	Visibility Distance Zone:	Near Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	11	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Two (2)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	Two (2)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ2

Visual Impact Rating: HIGH

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Mclennons Bore Road. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the western side of the dwelling.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to two (2) 60 degree sectors which is deemed acceptable in accordance with the Bulletin. The representative viewpoint suggest that there is low shrub vegetation to the west of the dwelling, which is likely to reduce views towards turbines to the west. Views towards some turbines will be available through gaps in vegetation. There are no key landscape features impacted by the Project. Due to the proximity to the Project, and the lack of tall vegetation coverage, it is determined that the Visual Impact Rating for this dwelling is **HIGH**.

Visual Performance Objectives Evaluation (VIZ2):

Visual Magnitude: There are 11 turbines are located within the black line of visual magnitude and 11 turbines within the between the black and blue line of visual magnitude.

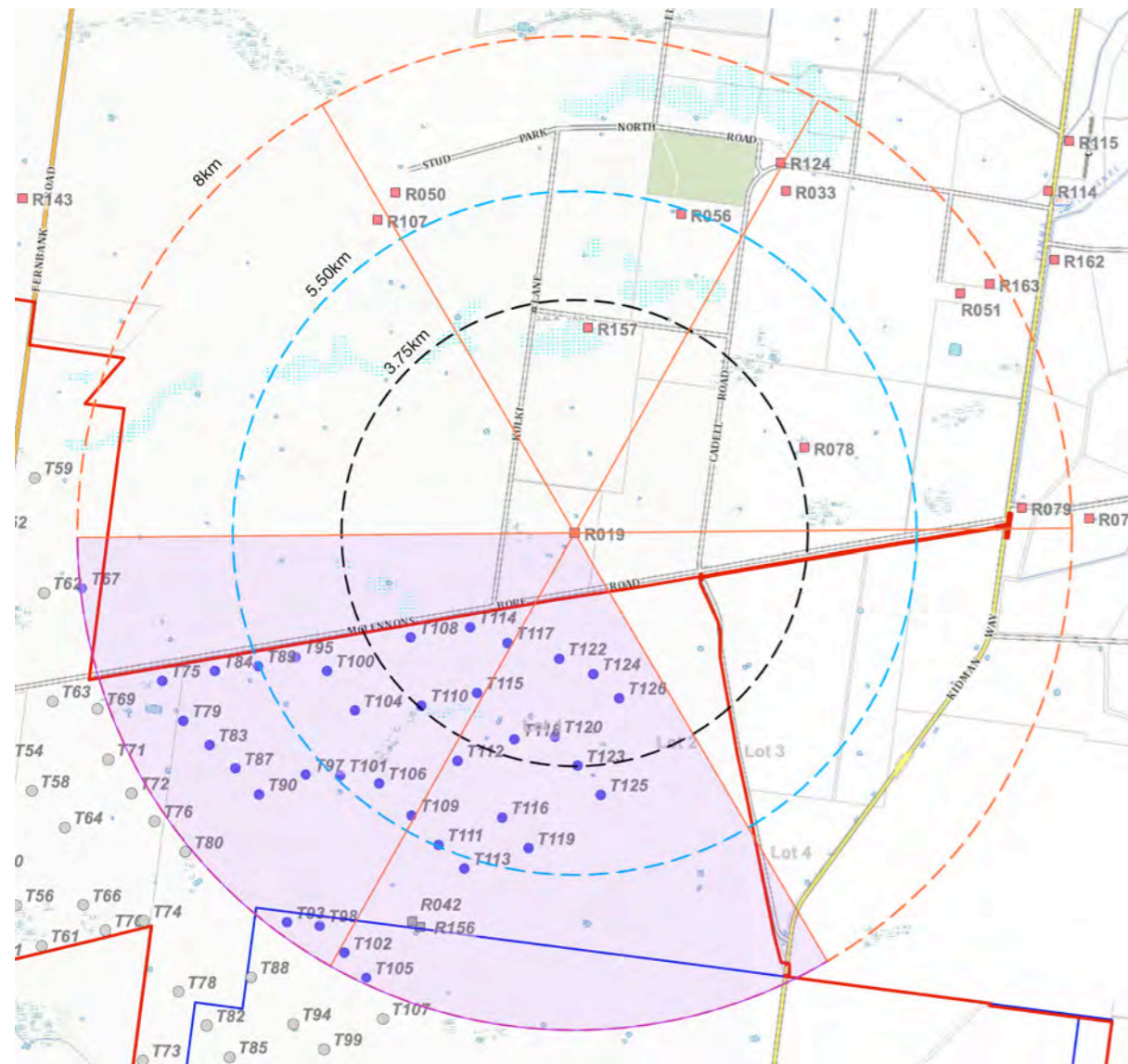
Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to (2) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Landscape Scenic Integrity: Views towards turbines will be available through gaps in vegetation. Some existing vegetation in the foreground of the view will provide some fragmentation. As a result the turbines are likely to impact the landscape scenic integrity from this location.

Key Feature Disruption: There are no key landscape features impacted by the Project.

Mitigation Measures:

Supplementary planting along the existing shrub line to the west of the dwelling will assist in further screening views toward the Project from this location. Proposed planting to be developed in consultation with the landowner.

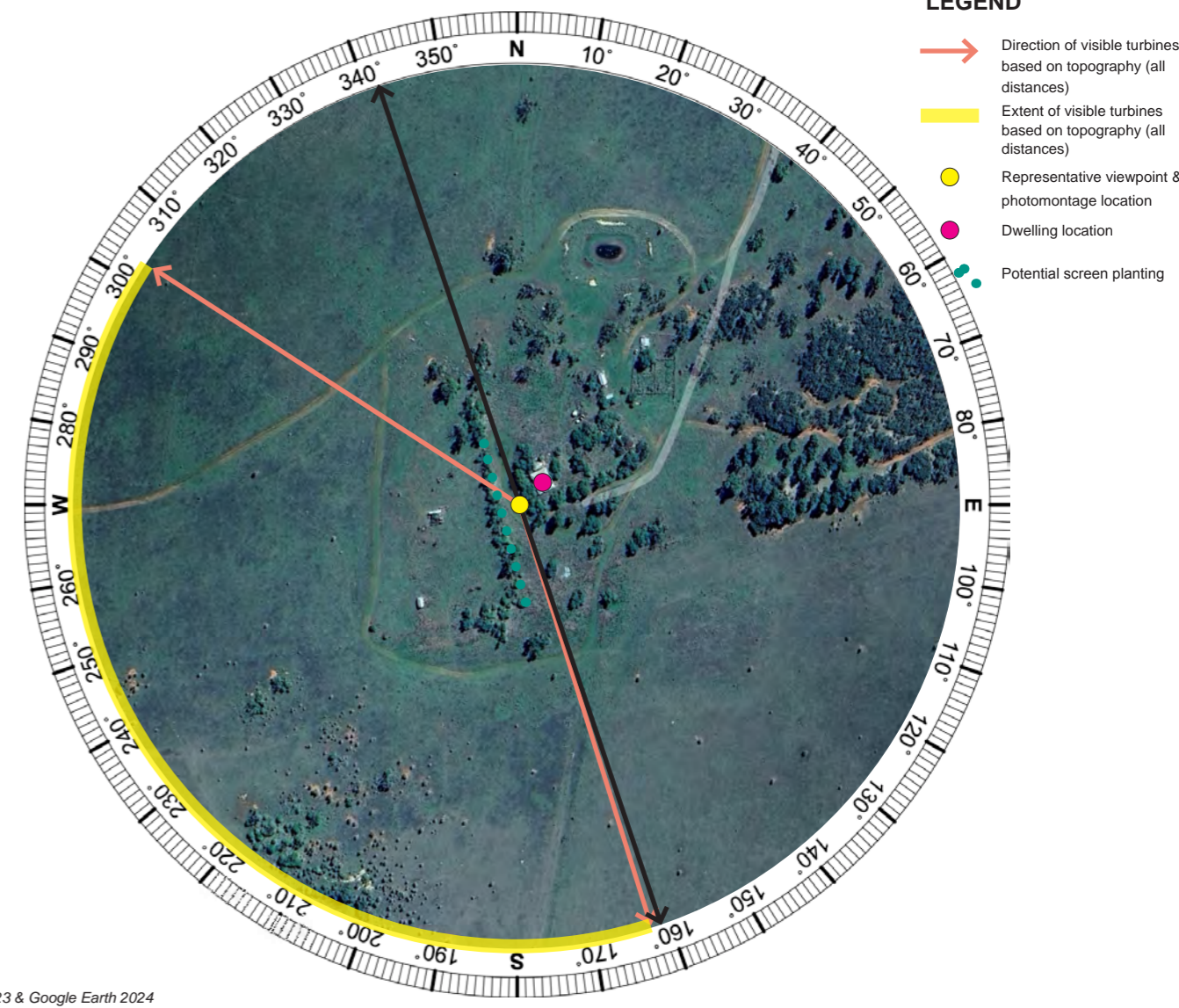


LEGEND

- 280 m Turbine within 8,000 m
- Turbine located in excess of 8,000 m
- Non-associated Dwellings
- Associated Dwellings
- 3,750 m from nearest turbine (Black Line)
- 5,500 m from nearest turbine (Blue Line)
- 8,000 m from nearest turbine
- 60° sector
- 60° sector with turbines



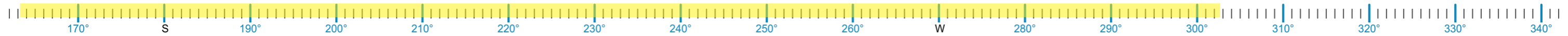
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



LEGEND

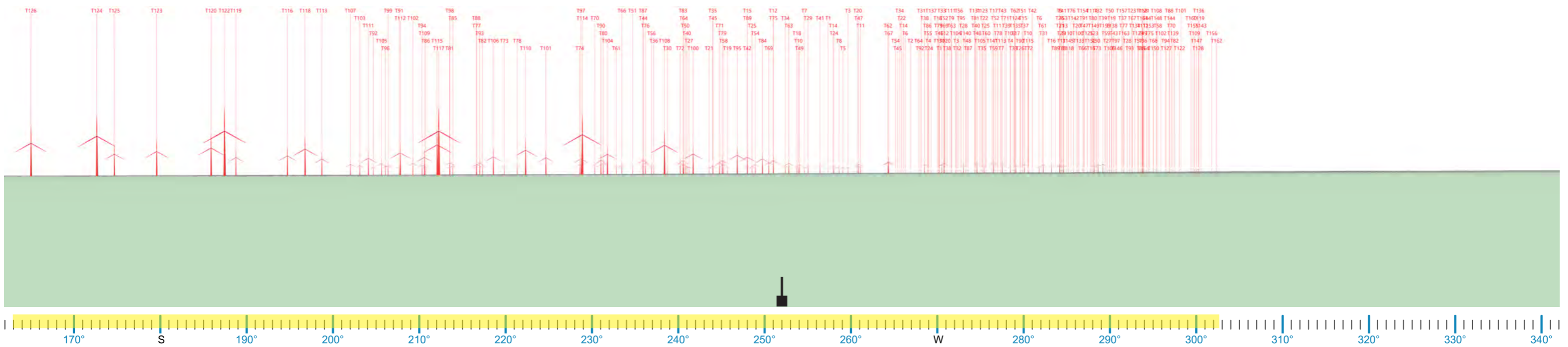
- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Representative viewpoint & photomontage location
- Dwelling location
- Potential screen planting

C.2. Dwelling Assessment Dwelling R019, Mclennons Bore Road, Gala Vale NSW



Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the southwest (assessment based on topography alone). Views of the Project will be fragmented by existing vegetation in the foreground, however views towards turbines will be available through gaps in vegetation, particularly to the south and southwest.



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND

Extent of Turbines based on topography (all distances)

C.3. Dwelling Assessment Dwelling R036 Liddles Lane, Jerilderie NSW

DWELLING R036			
Nearest proposed turbine (km):	3.75 km	Visibility Distance Zone:	Near Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Two (2)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Four (4)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	Four (4)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ2

Visual Impact Rating: NEGLIGIBLE

Assessment Notes:

This dwelling is associated with AWF. Aerial imagery indicates vegetation to the north, east and west of the dwelling. The dwelling is located on flat terrain and is accessed via Liddles Lane. A number of farm buildings and sheds are located to the north of the dwelling. The nearest turbine is located approximately 3,750 m northeast of the dwelling. Views from the dwelling are generally contained by existing vegetation and shed. Moir LA attended the dwelling in March 2024. A viewpoint was selected in consultation with the owner and was taken from the northern side of the dwelling to represent views from the property. There are two (2) turbines within the black line of visual magnitude and 20 turbines within the blue line.

Visual Impact Summary:

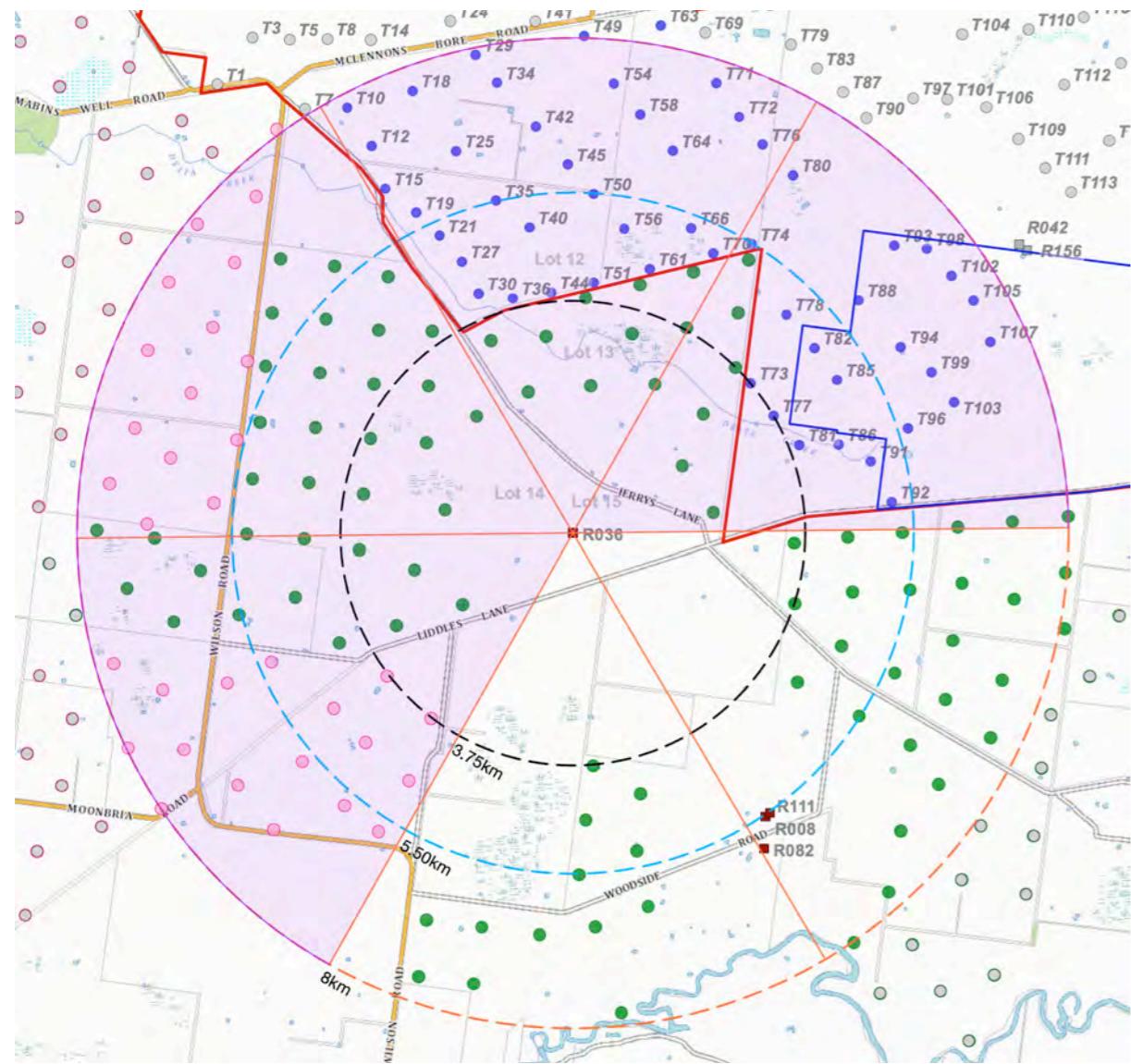
Based on topography alone, the dwelling has the potential to view turbines in up to four (4) 60 degree sectors. R036 is associated with AWF which occupies up to six (6) 60° sectors (up to 360°) alone. Turbines associated with AWF have not been considered in this assessment. The Project occupies up to two (2) 60° sectors and YDWF also occupies up to two (2) 60° sectors, these are all shared with AWF. Existing dense vegetation in the foreground to the north of the dwelling will screen views of the Project from this dwelling. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

Visual Performance Objectives Evaluation (VIZ2):

Visual Magnitude: There are two (2) turbines are located within the black line of visual magnitude and 20 turbines within the blue line of visual magnitude.
Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to four (4) 60 degree sectors, however only two (2) sectors are associated with the Project and vegetation will screen the Project from this dwelling, reducing the sectors to an acceptable level in accordance with the Bulletin.
Landscape Scenic Integrity: Views towards turbines will not screened due to existing vegetation. As a result the turbines will not impact the landscape scenic integrity.
Key Feature Disruption: As views toward turbines are not available, the Project is not likely to disrupt the key landscape features.

Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.



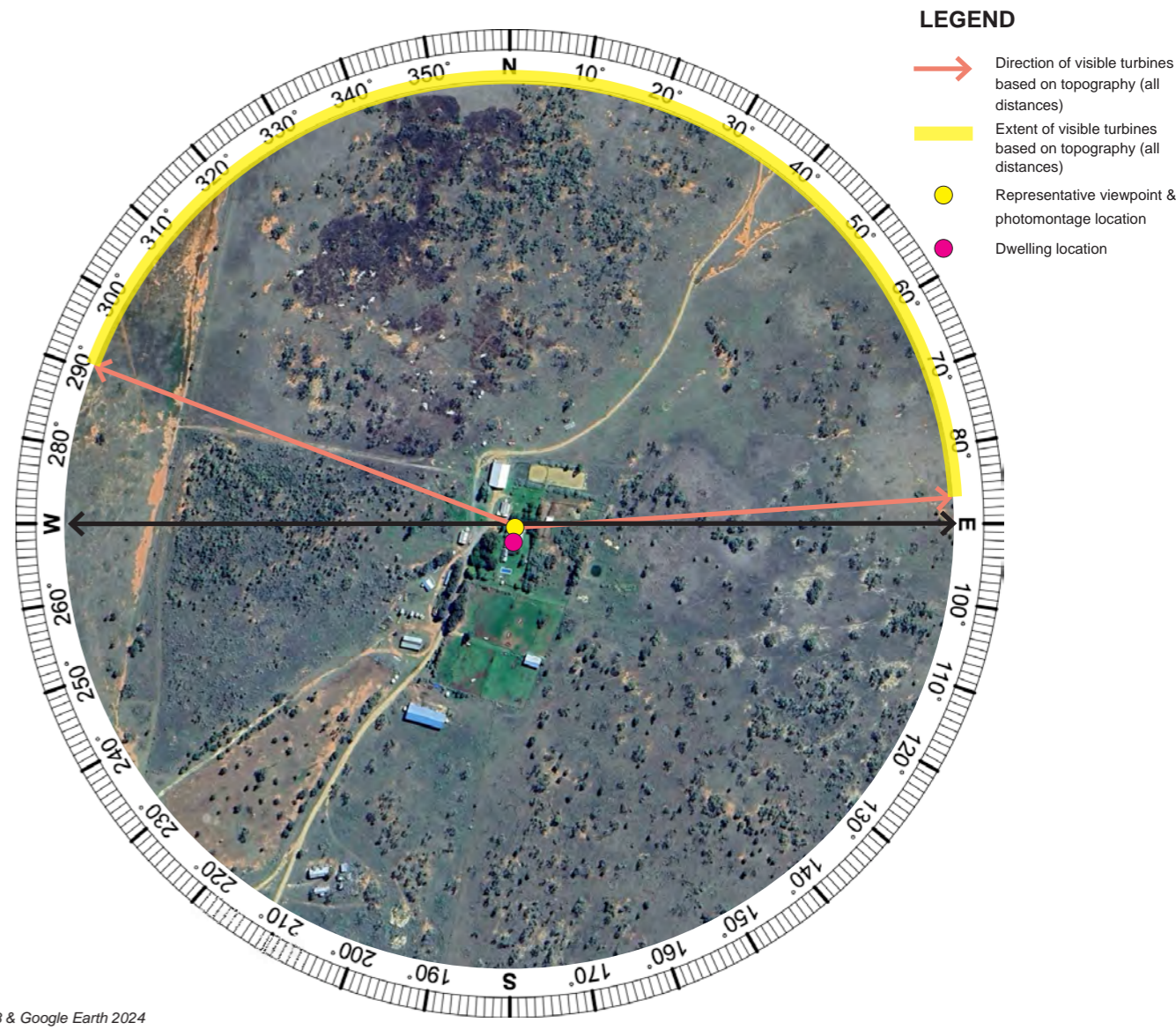
LEGEND

- 280 m Turbine within 8,000 m
- Turbine located in excess of 8,000 m
- Non-associated Dwellings
- Associated Dwellings
- - - 3,750 m from nearest turbine (Black Line)
- - - 5,500 m from nearest turbine (Blue Line)
- - - 8,000 m from nearest turbine
- 60° sector
- 60° sector with turbines
- Turbine associated with YDWF
- Turbine associated with AWF

Note: Dwelling is associated with AWF and therefore turbines associated have not been considered in this assessment



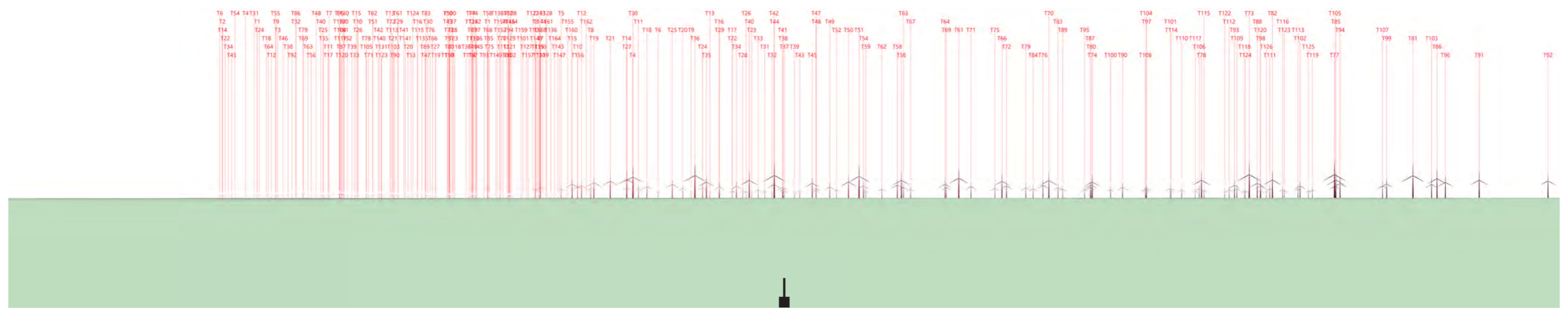
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



C.3. Dwelling Assessment Dwelling R036 Liddles Lane, Jerilderie NSW



Proposed View - 180 degree field of view



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 Extent of Turbines based on topography (all distances)

C.4a. Dwelling Assessment Dwelling R088 Goolgumbla Road, Mabins Well NSW

DWELLING R088			
Nearest proposed turbine (km):	3.75 km	Visibility Distance Zone:	Near Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	One (1)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Four (4)	Landscape Character Unit:	LCU03: Swamps and Floodplains
Number of visible 60° Sectors (Based on 3D Assessment):	Four (4)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ2

Visual Impact Rating: LOW

Assessment Notes:

The dwelling is associated with YDWF. Aerial imagery indicates vegetation surrounds the dwelling. The dwelling is located on flat terrain and is accessed via Goolgumbla Road. The nearest turbine is located approximately 3,750 m north east of the dwelling. Access to the dwelling was unavailable, therefore Moir LA prepared LIDAR wireframes to demonstrate the potential views from the dwelling. There are one (1) turbine within the black line of visual magnitude and four (4) turbines within the blue line.

Visual Impact Summary:

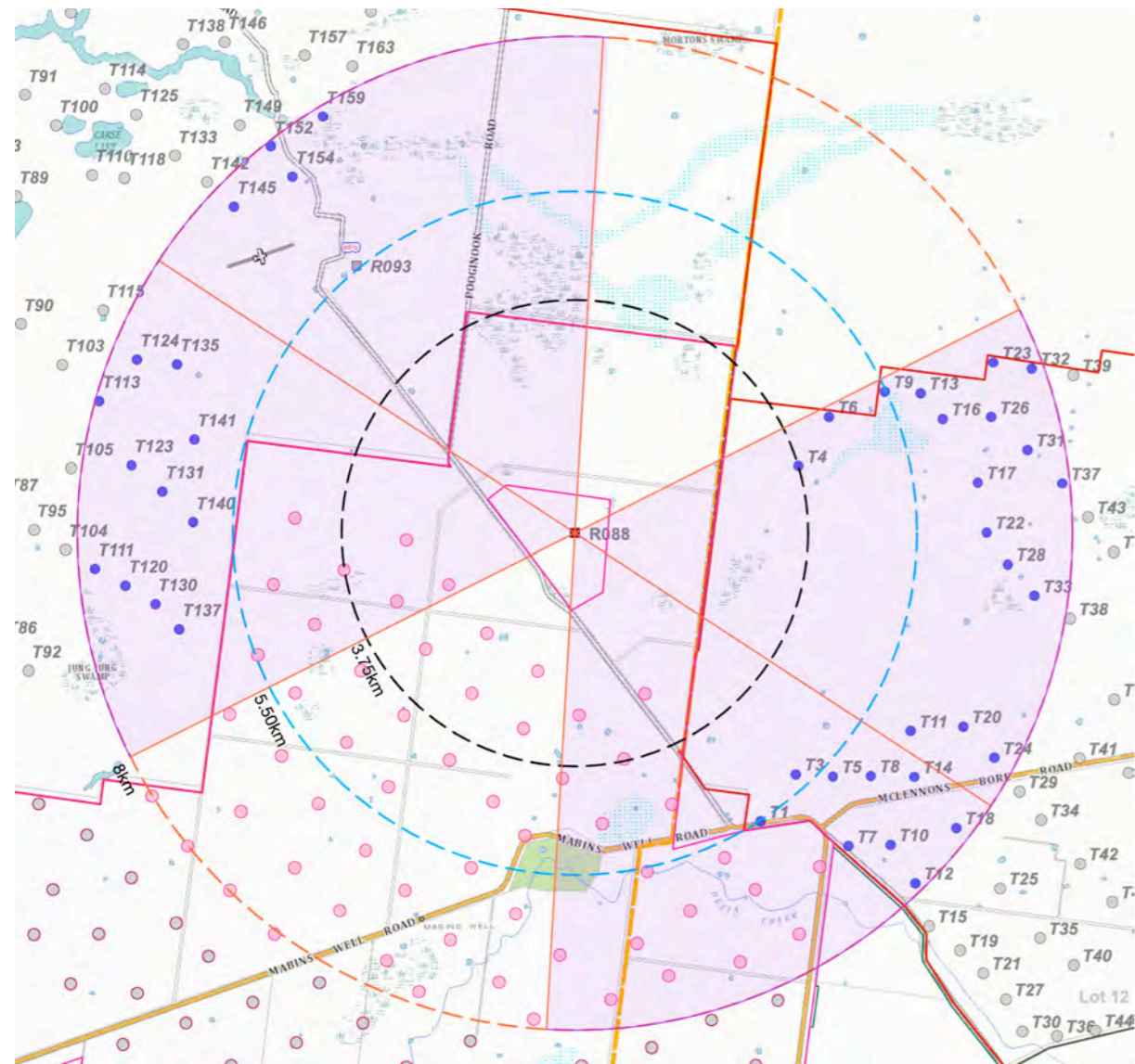
Based on topography alone, the dwelling has the potential to view turbines in up to four (4) 60 degree sectors. R088 is associated with YDWF which occupies up to three 60° sectors (up to 180°) alone. Turbines associated with YDWF have not been considered in this assessment. The Project occupies up to four (4) 60° sectors. The LIDAR wireframe suggests that existing dense vegetation in the foreground to the west is likely to contain views towards the Project in this direction. The LIDAR wireframe also demonstrates that existing vegetation to the east of the dwelling is likely to fragment the majority of views toward the Project, however views towards some turbines located in excess of 5.2 km from the viewpoint may be available through gaps in vegetation. The LIDAR wireframe has been used in the assessment to provide an indication of the size, scale and location of vegetation shown in the aerial, however it is acknowledged that the LIDAR wireframes have limitations with regards to the detail, lighting and other factors that can only be captured using a photomontage. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is LOW.

Visual Performance Objectives Evaluation (VIZ2):

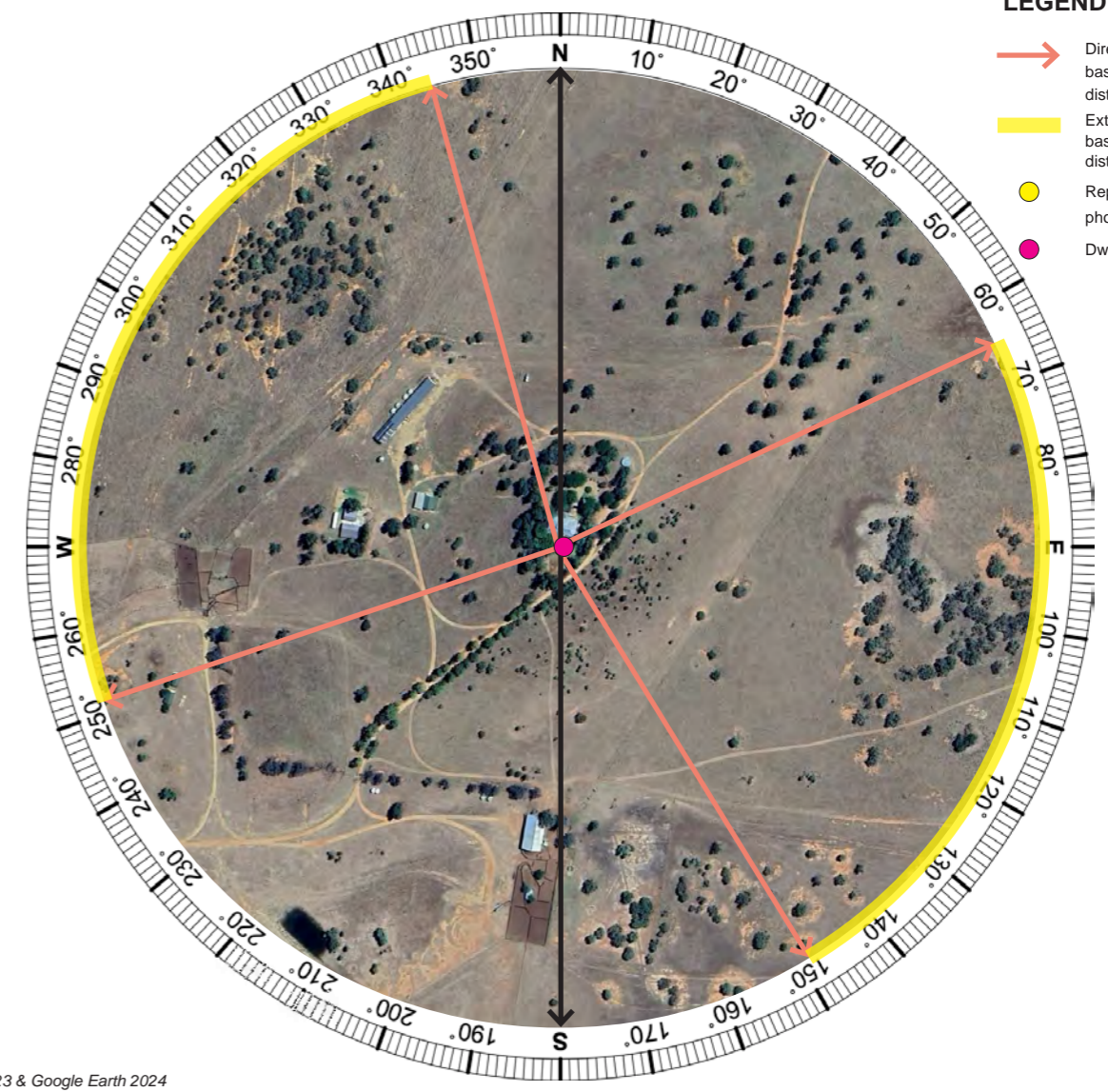
Visual Magnitude: There is one (1) turbine are located within the black line of visual magnitude and four (4) turbines within the blue line of visual magnitude.
Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to four (4) 60 degree sectors. Vegetation is likely to screen the majority of views from this location, reducing these to an acceptable level in accordance with the Bulletin.
Landscape Scenic Integrity: Views towards turbines will be limited due to the existing screen factors including vegetation and built structures. As a result the turbines will not impact the landscape scenic integrity.
Key Feature Disruption: As views toward turbines are limited, the Project is not likely to disrupt the key landscape features.

Mitigation Measures:

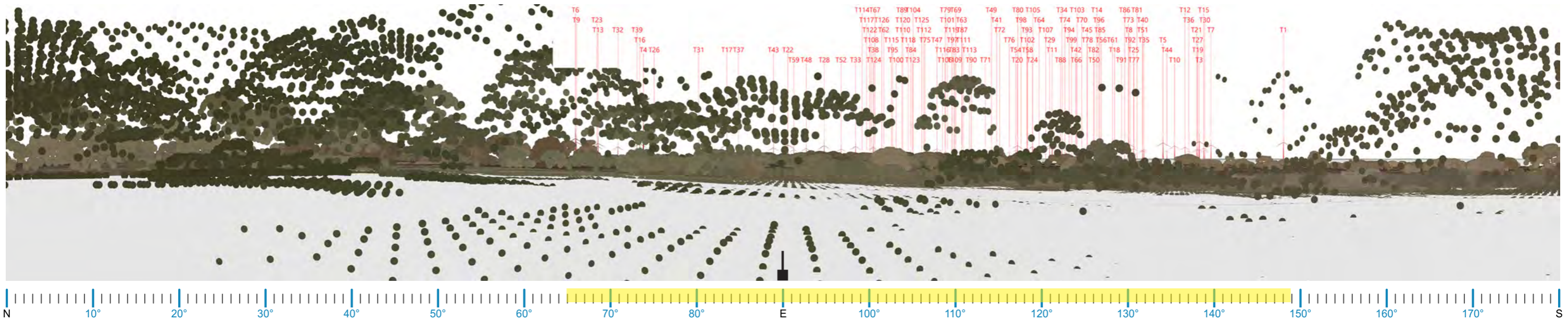
Mitigation measures are not deemed necessary for this dwelling.



Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



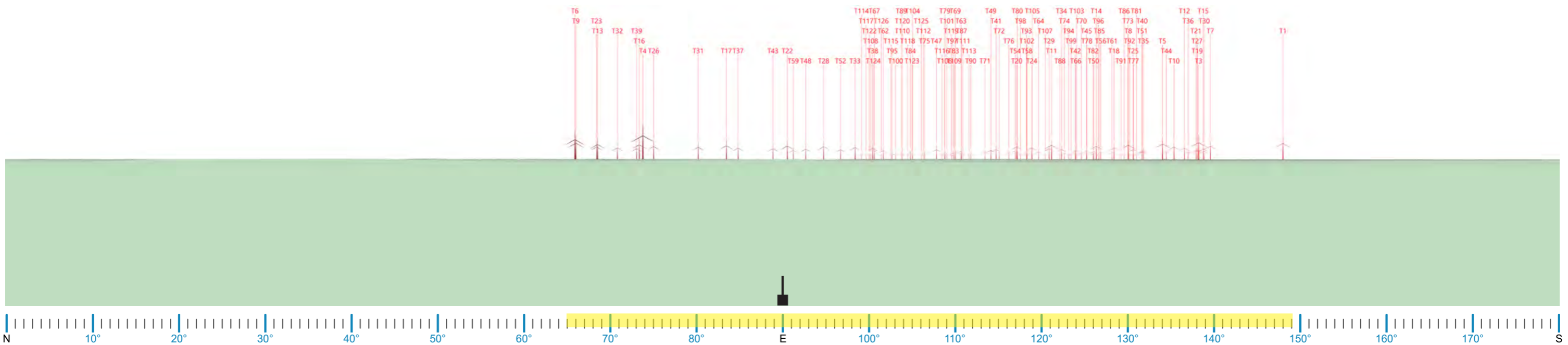
C.4a. Dwelling Assessment R088 Goolgumbra Road, Mabins Well NSW



Proposed View - 180 degree field of view

Note:

1. This LIDAR wireframe is acknowledged as providing an indication of the size, condition and location of surrounding vegetation, however it is not a substitute for a photomontage from this dwelling.
2. LIDAR is an active optical sensor that transmits laser beams toward a external surfaces while moving through specific survey routes. The reflection of the laser from the target is detected and analysed by receivers in the lidar sensor. Each green dot represents a single spatial measurement on the object's surface and together with the other points show the external surface of an object.

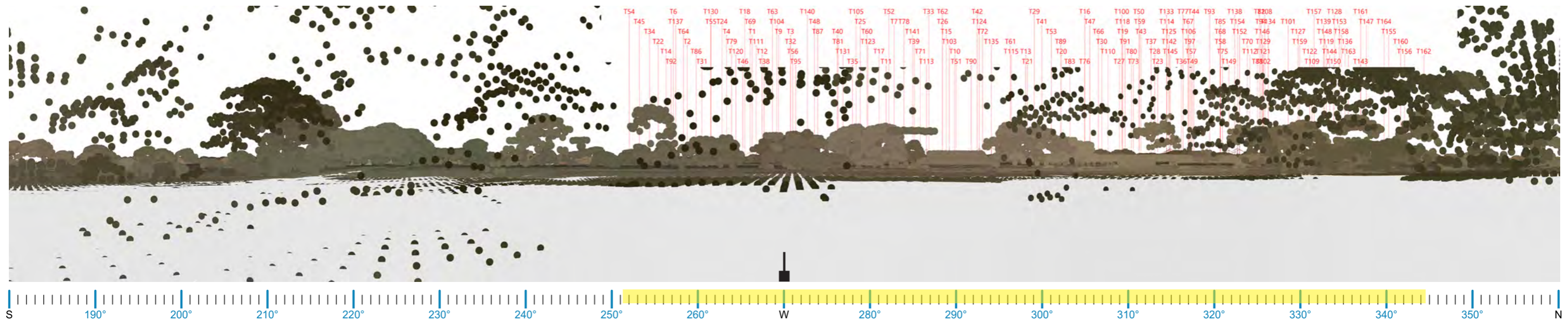


Proposed Wire Frame Diagram - 180 degree field of view

LEGEND

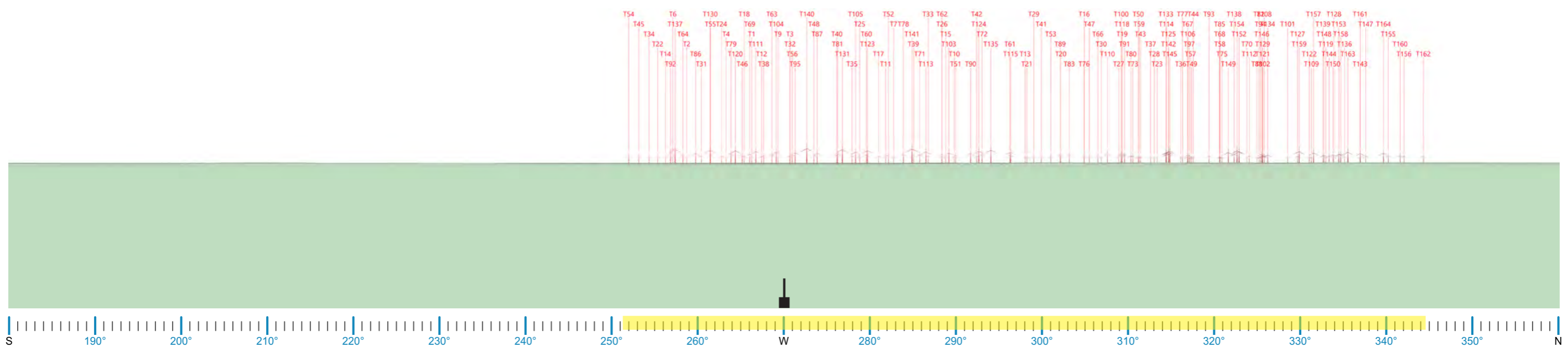
Extent of Turbines based on topography (all distances)

C.4b. Dwelling Assessment R088 Goolgumbra Road, Mabins Well NSW



Proposed View - 180 degree field of view

Note: This LIDAR wireframe is acknowledged as providing an indication of the size, condition and location of surrounding vegetation, however it is not a substitute for a photomontage from this dwelling.



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 Extent of Turbines based on topography (all distances)

C.5. Dwelling Assessment Dwelling R049, 211 Liddles Lane, Jerilderie NSW

DWELLING R049			
Nearest proposed turbine (km):	4.67 km	Visibility Distance Zone:	Far Middleground (FM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	0	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Three (3)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	Three (3)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Liddles Lane. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the northern side of the dwelling to represent views from the property. There are no turbines within the black line of visual magnitude and six (6) turbines within the blue line of visual magnitude of this dwelling.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to three (3) 60 degree sectors, of which two (2) 60 degree sectors are occupied by the AWF and two (2) 60 degree sectors are associated with the Project. Two (2) 60 degree sectors is deemed acceptable in accordance with the Bulletin. Existing dense vegetation in the foreground to the northwest contains views in this direction. As a result, the majority of the Project is screened. Views towards portions of the turbines may be available through gaps in vegetation, however these are likely to be difficult to discern through the treeline. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **LOW**.

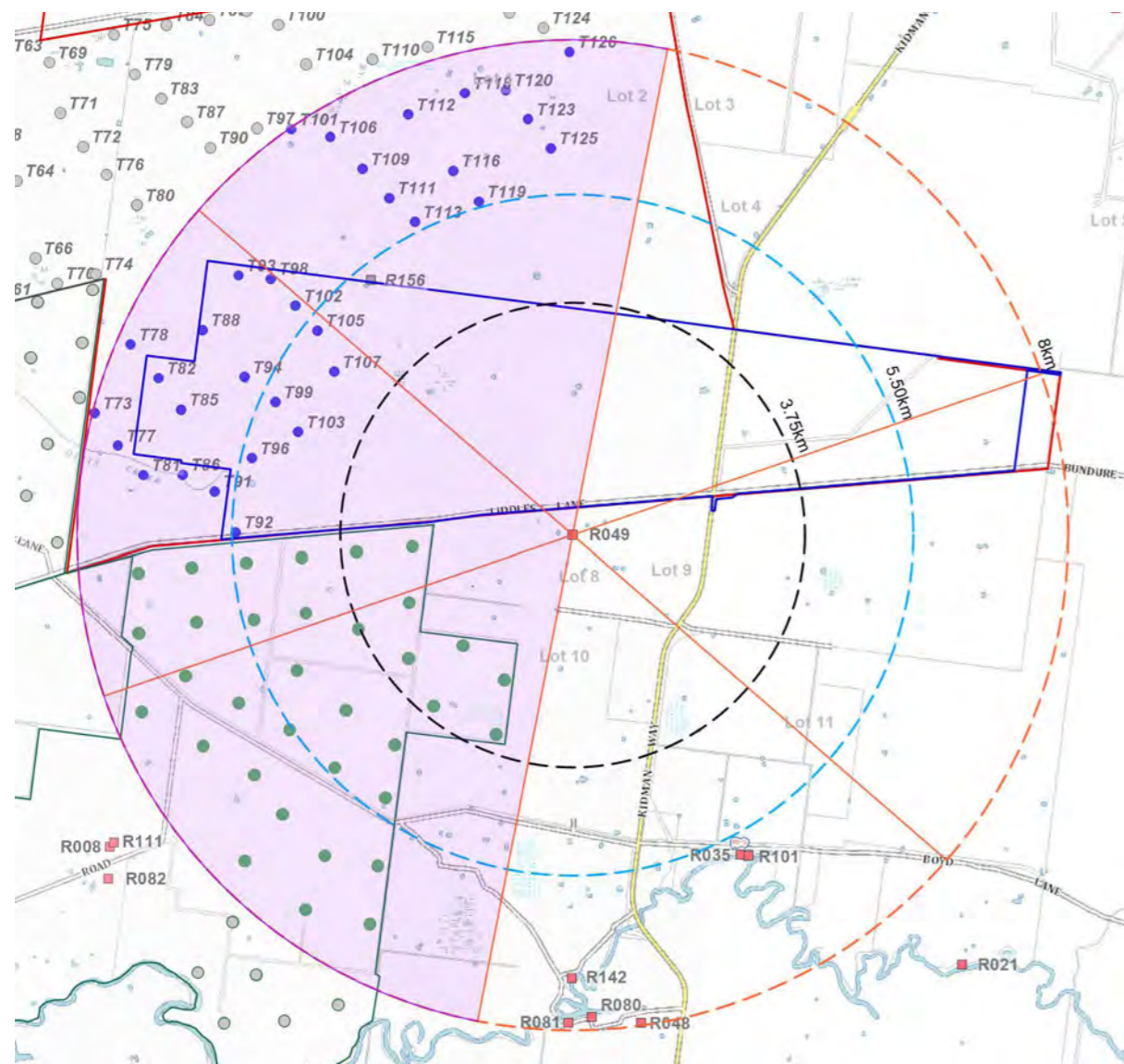
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to three (3) 60 degree sectors, however it is noted that two (2) 60 degree sectors are occupied by the AWF and two (2) 60 degree sectors are occupied by the Project. Views in up to two (2) 60 degree sectors is deemed acceptable in accordance with the Bulletin.

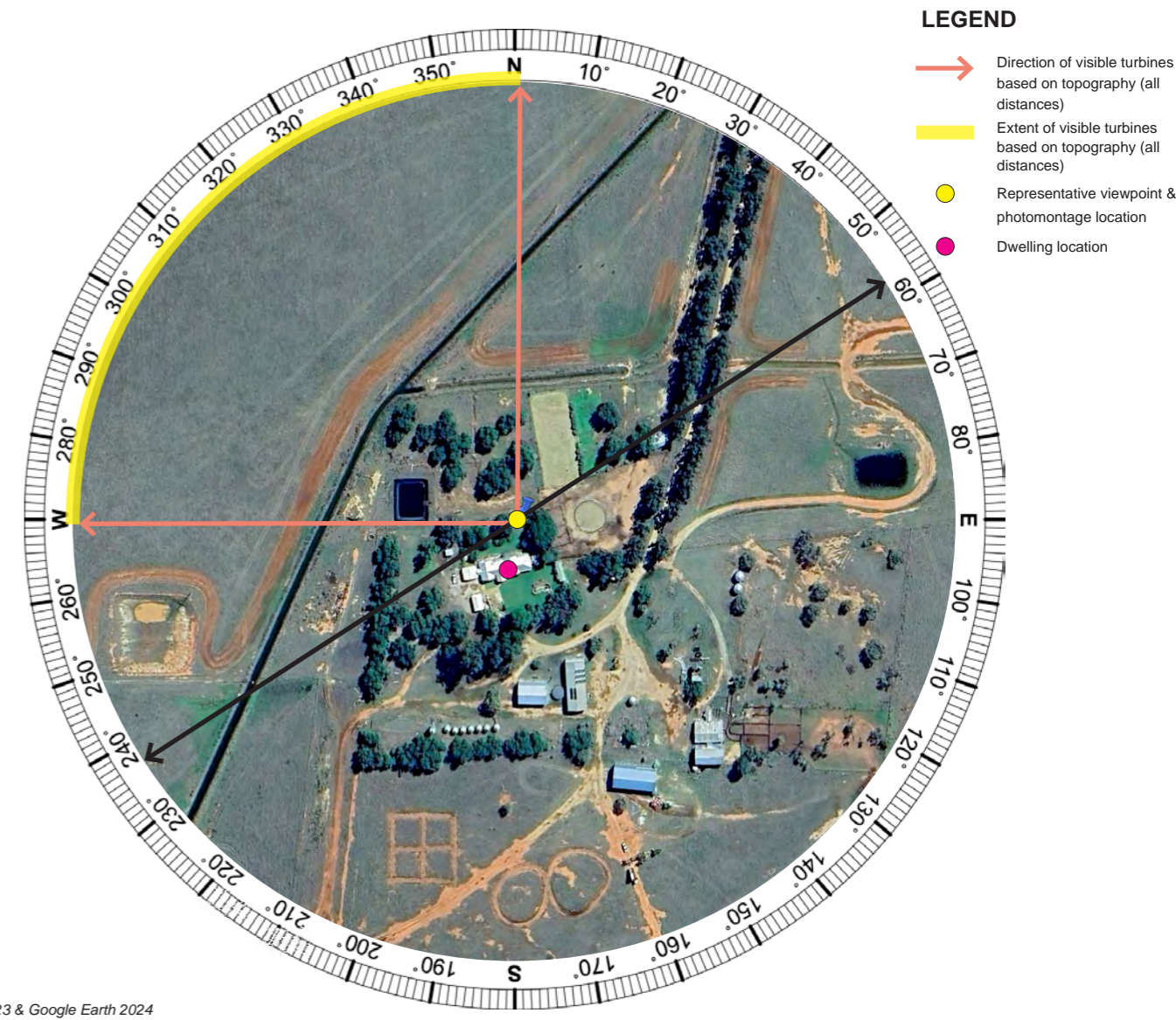
Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.

Visual Impact Rating: **LOW**



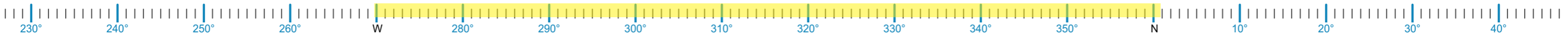
- LEGEND**
- 280 m Turbine within 8,000 m
 - Turbine located in excess of 8,000 m
 - Non-associated Dwellings
 - Associated Dwellings
 - 3,750 m from nearest turbine (Black Line)
 - 5,500 m from nearest turbine (Blue Line)
 - 8,000 m from nearest turbine
 - 60° sector
 - 60° sector with turbines
 - Turbine associated with AWF



- LEGEND**
- Direction of visible turbines based on topography (all distances)
 - Extent of visible turbines based on topography (all distances)
 - Representative viewpoint & photomontage location
 - Dwelling location

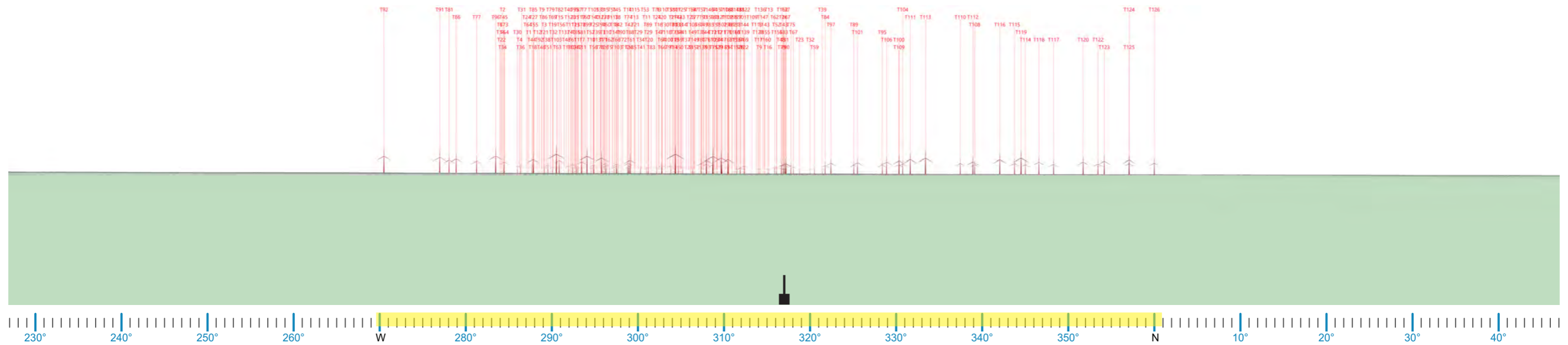
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024

C.5. Dwelling Assessment Dwelling R049, 211 Liddles Lane, Jerilderie NSW




Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the northwest (assessment based on topography alone). Views toward the majority of the Project will be screened vegetation in the foreground.



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 Extent of Turbines based on topography (all distances)

C.6. Dwelling Assessment Dwelling R008, 600 Woodside Road, Jerilderie NSW

DWELLING R008			
Nearest proposed turbine (km):	5.47 km	Visibility Distance Zone:	Far Middleground (FM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	0	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Three (3)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	Three (3)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Visual Impact Rating: NEGLIGIBLE

Assessment Notes:

This dwelling is associated with AWF. The dwelling is located on flat terrain and is accessed via Woodside Road. Views from the dwelling are generally contained by existing vegetation. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the northern side of the dwelling to represent views from the property. There are no turbines within the black line of visual magnitude, one (1) turbine within the blue line and 11 turbines between 5,500m and 8,000 of the nearest turbine.

Visual Impact Summary:

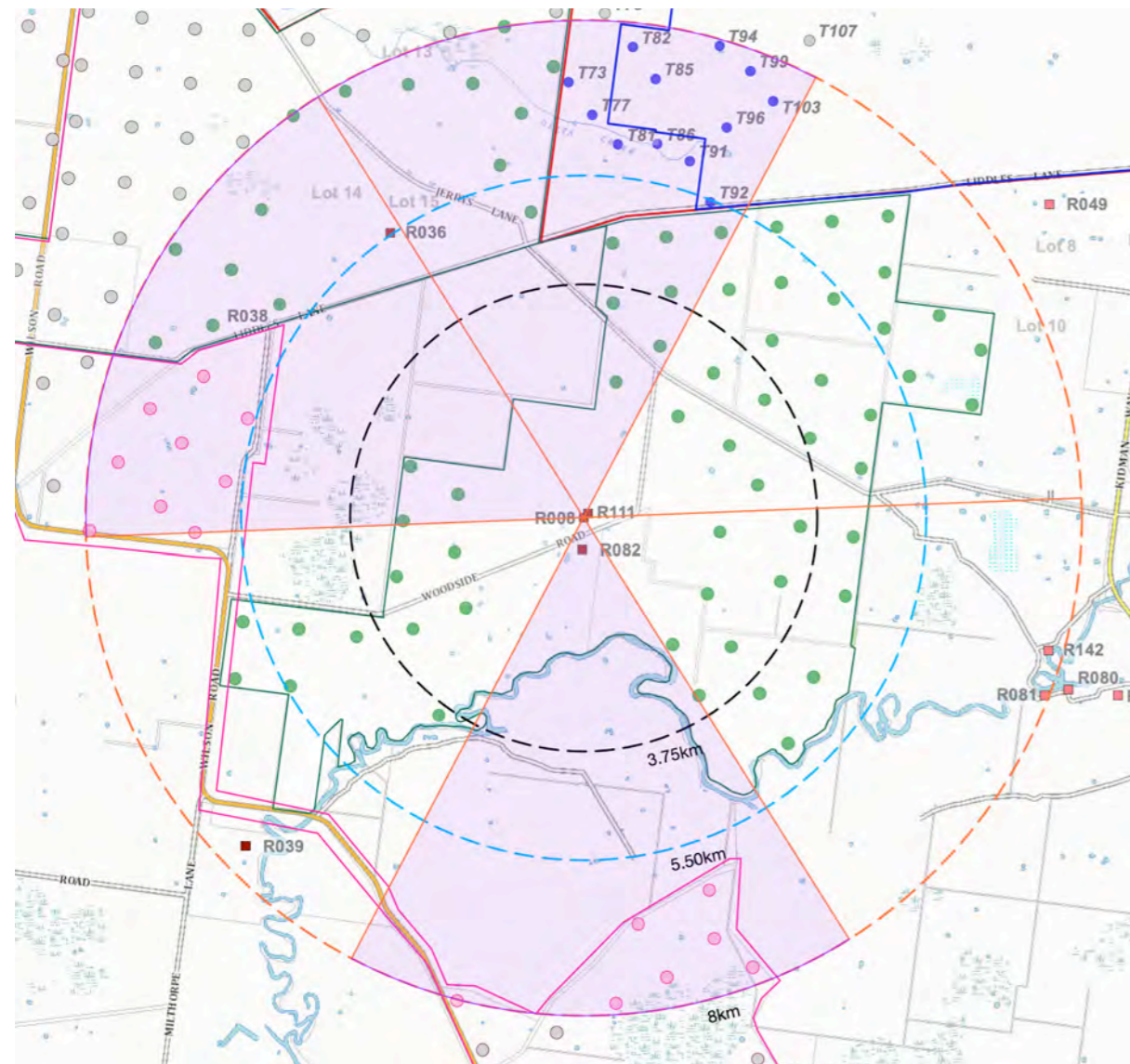
Based on topography alone, the dwelling has the potential to view turbines in up to three (3) 60 degree sectors, however it is noted that YDWF occupies two (2) 60 degree sectors and the Project occupies up to one (1) 60 degree sector which is deemed acceptable in accordance with the Bulletin. Turbines associated with AWF have not been considered in this assessment as the dwelling is associated with AWF. Existing dense vegetation in the foreground to the north is likely to contain views towards the majority of the Project. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to three (3) 60 degree sectors, however it is noted that two (2) 60 degree sectors are occupied by the YDWF and one (1) 60 degree sector is occupied by the Project. Existing vegetation will screen views towards the Project, therefore no sectors will be available.

Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.

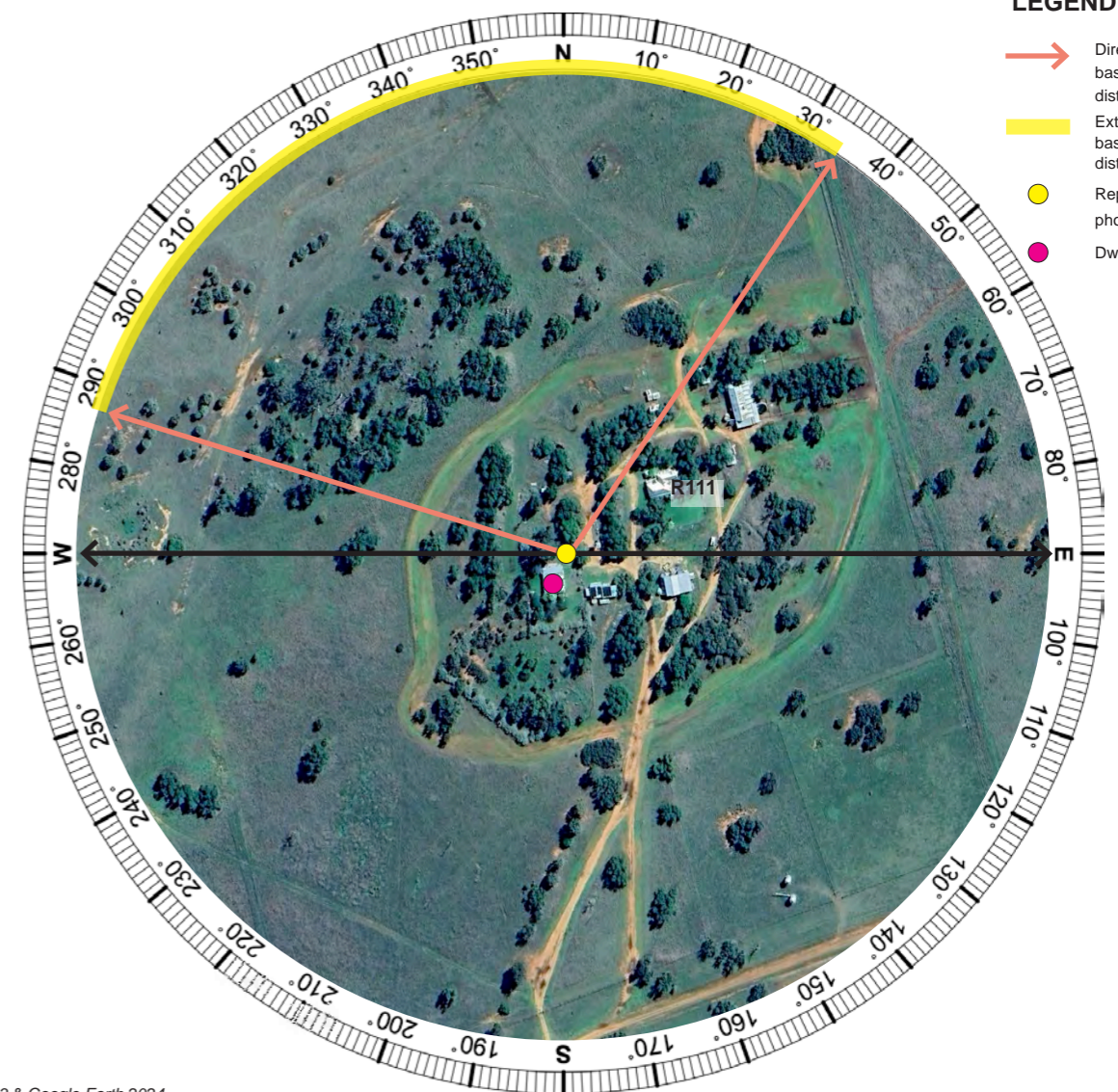


LEGEND

- 280 m Turbine within 8,000 m
 - Turbine located in excess of 8,000 m
 - Non-associated Dwellings
 - Associated Dwellings
 - - - 3,750 m from nearest turbine (Black Line)
 - - - 5,500 m from nearest turbine (Blue Line)
 - - - 8,000 m from nearest turbine
 - 60° sector
 - 60° sector with turbines
 - Turbine associated with YDWF
 - Turbine associated with AWF
- Note: Dwelling is associated with AWF and therefore turbines associated have not been considered in this assessment



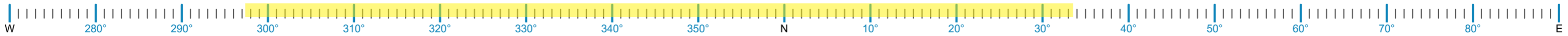
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



LEGEND

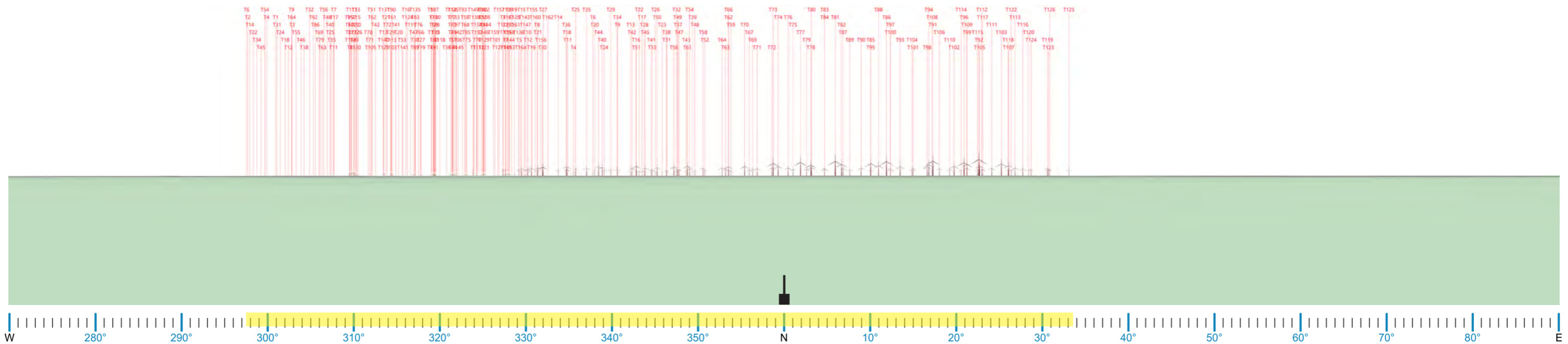
- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Representative viewpoint & photomontage location
- Dwelling location

C.6. Dwelling Assessment Dwelling R008, 600 Woodside Road, Jerilderie NSW



Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the north (assessment based on topography alone). Existing vegetation screens views towards the Project from this location



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 Extent of Turbines based on topography (all distances)

C.7. Dwelling Assessment Dwelling R111 600 Woodside Road, Jerilderie NSW

DWELLING R111			
Nearest proposed turbine (km):	5.40 km	Visibility Distance Zone:	Far Middleground (FM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	0	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Three (3)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	Three (3)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Visual Impact Rating: NEGLIGIBLE

Assessment Notes:

This dwelling is associated with AWF. R111 is located approximately 100m northwest of R008. The dwelling is located on flat terrain and is accessed via Woodside Road. Views from the dwelling are generally contained by existing vegetation. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the western side of the dwelling to represent views from the property. There are no turbines within the black line of visual magnitude, one (1) turbine within the blue line and 11 turbines between 5,500m and 8,000 of the nearest turbine.

Visual Impact Summary:

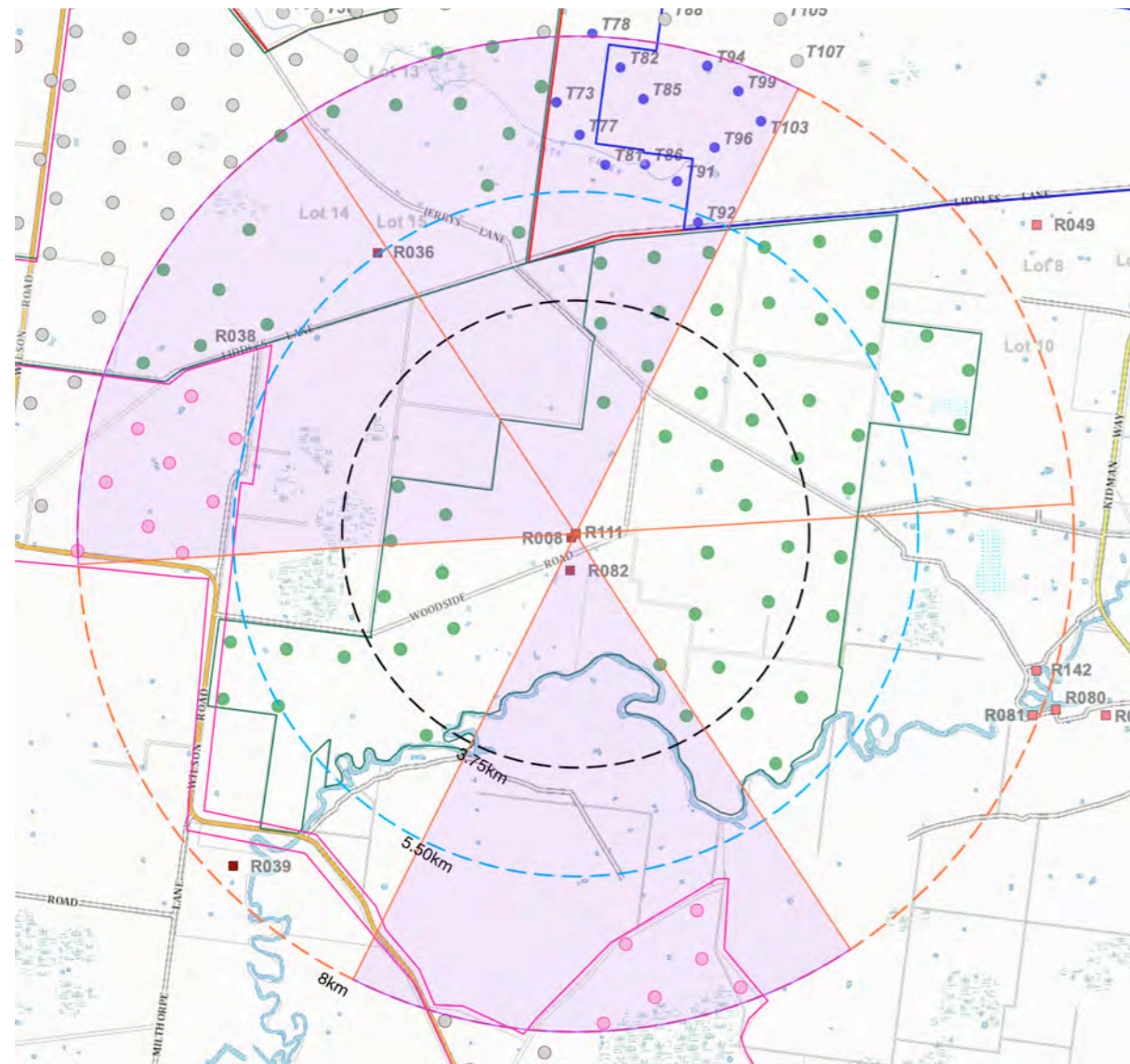
Based on topography alone, the dwelling has the potential to view turbines in up to three (3) 60 degree sectors, however it is noted that YDWF occupies two (2) 60 degree sectors and the Project occupies up to one (1) 60 degree sector which is deemed acceptable in accordance with the Bulletin. Turbines associated with AWF have not been considered in this assessment as the dwelling is associated with AWF. Existing dense vegetation in the foreground to the north is likely to contain views towards the majority of the Project. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to three (3) 60 degree sectors, however it is noted that two (2) 60 degree sectors are occupied by the YDWF and one (1) 60 degree sector is occupied by the Project. Views in up to Two (2) 60 degree sectors is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.

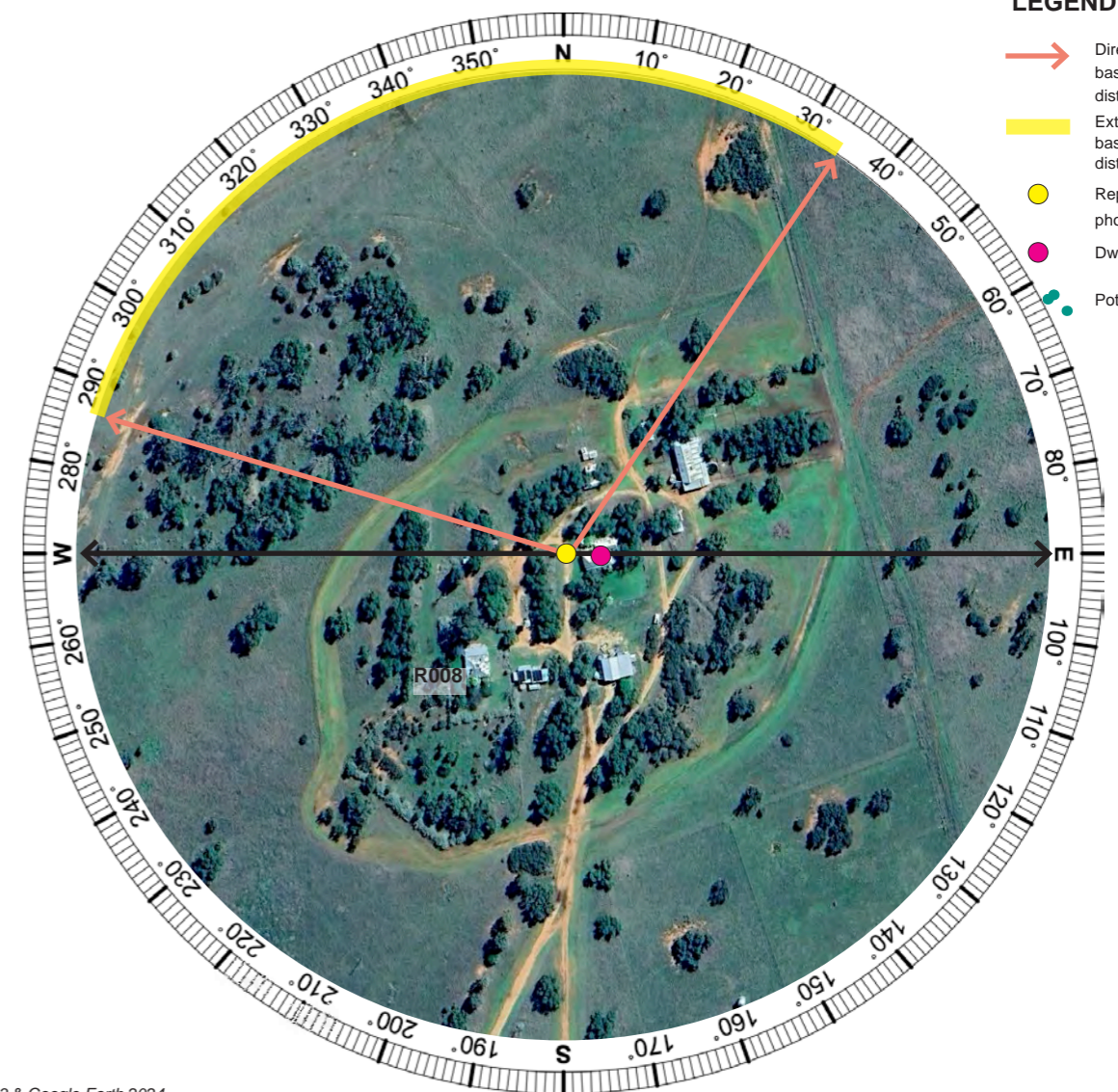


LEGEND

- 280 m Turbine within 8,000 m
 - Turbine located in excess of 8,000 m
 - Non-associated Dwellings
 - Associated Dwellings
 - - - 3,750 m from nearest turbine (Black Line)
 - - - 5,500 m from nearest turbine (Blue Line)
 - - - 8,000 m from nearest turbine
 - - - 60° sector
 - 60° sector with turbines
 - Turbine associated with YDWF
 - Turbine associated with AWF
- Note: Dwelling is associated with AWF and therefore turbines associated have not been considered in this assessment



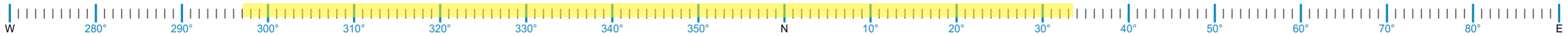
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



LEGEND

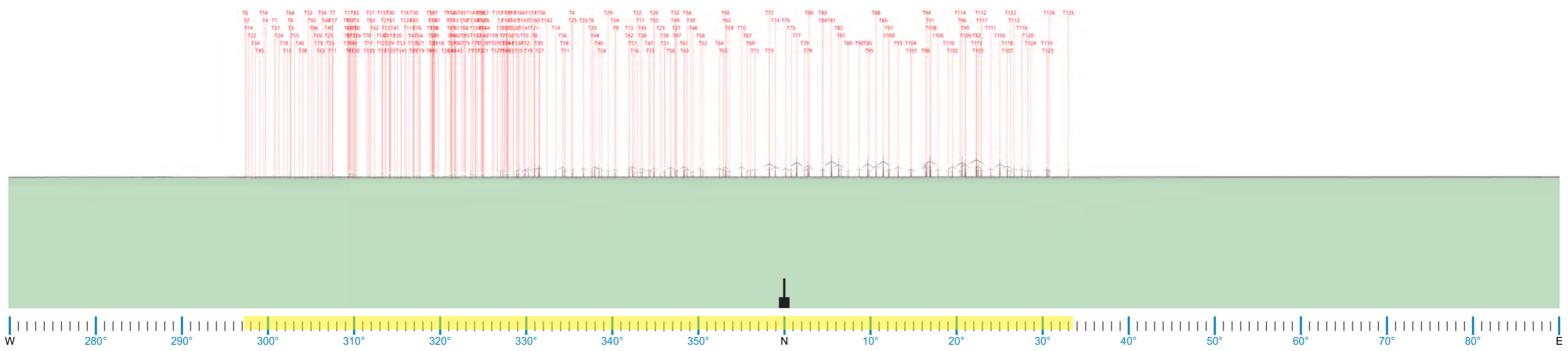
- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Representative viewpoint & photomontage location
- Dwelling location
- Potential screen planting

C.7. Dwelling Assessment Dwelling R111 600 Woodside Road, Jerilderie NSW



Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the north (assessment based on topography alone). Existing vegetation screens views towards the Project from this location



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 Extent of Turbines based on topography (all distances)

C.8. Dwelling Assessment Dwelling R090 Carrathool Road, Steam Plains NSW

DWELLING R090			
Nearest proposed turbine (km):	4.17 km	Visibility Distance Zone:	Far Middleground (FM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	0	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	One (1)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	One (1)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

This dwelling is associated with YDWF. Aerial imagery indicates existing vegetation surrounding the dwelling. The dwelling is located on flat terrain and is accessed via Carrathool Road. Views from the dwelling are generally contained by existing vegetation. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the northern side of the dwelling to represent views from the property. There are no turbines within the black line of visual magnitude, seven (7) turbines within the blue line and 18 turbines between 5,500m and 8,000 of the nearest turbine.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to one (1) 60 degree sector, which is deemed acceptable in accordance with the Bulletin. Turbines associated with YDWF have not been considered in this assessment as the dwelling is associated with YDWF. Existing dense vegetation in the foreground to the north is likely to contain views towards the Project from this dwelling. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

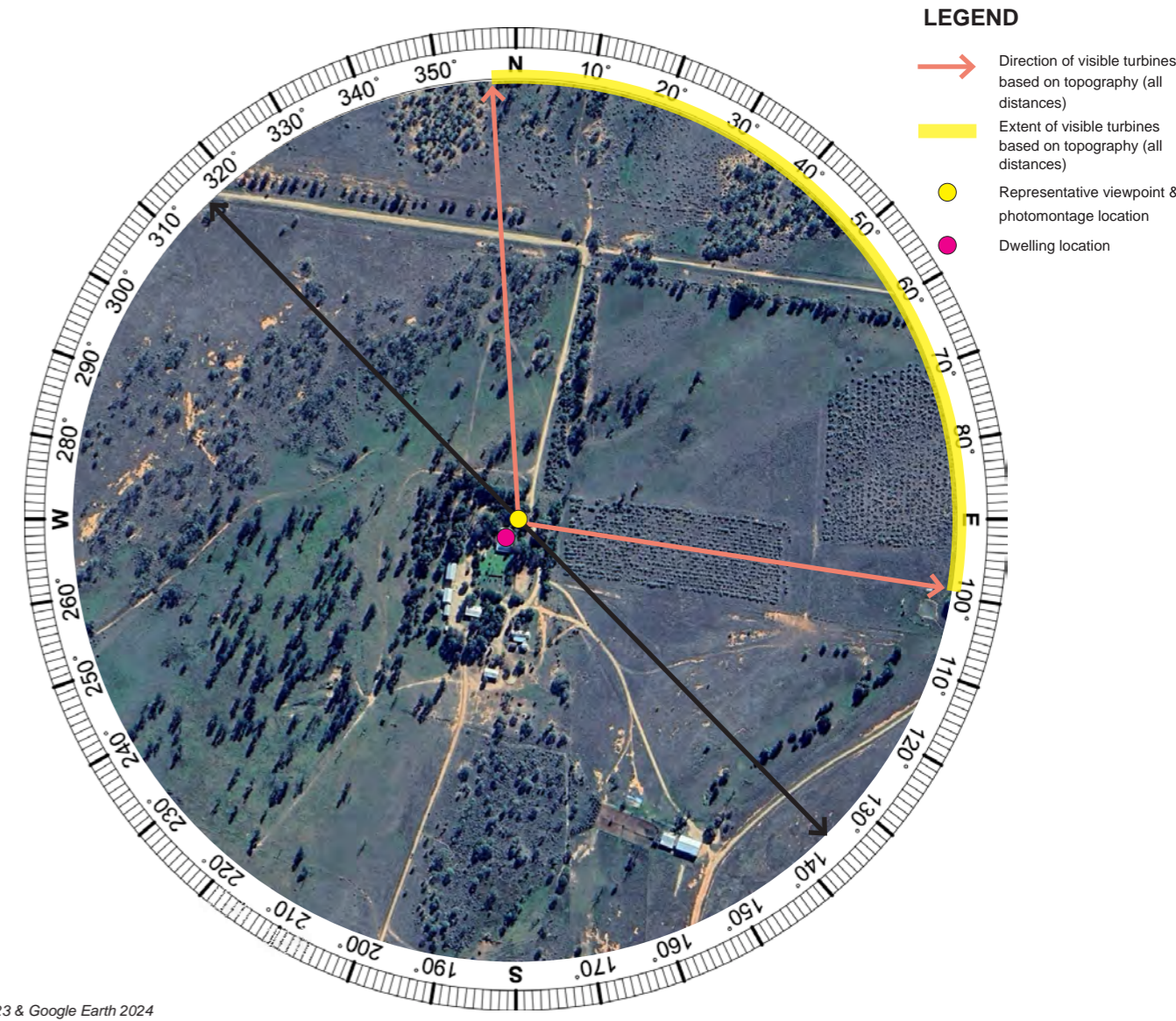
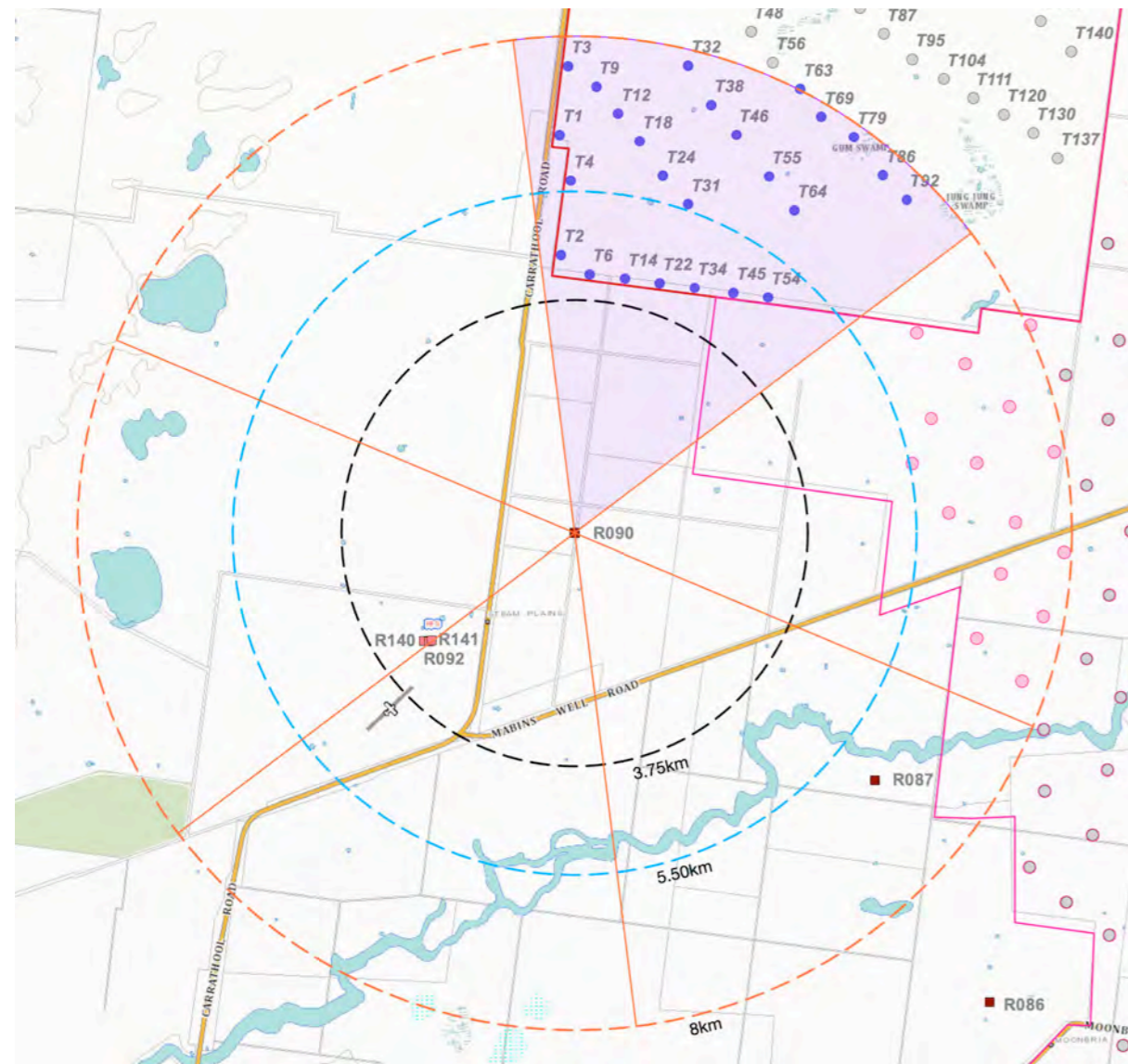
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to one (1) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.

Visual Impact Rating: NEGLIGIBLE

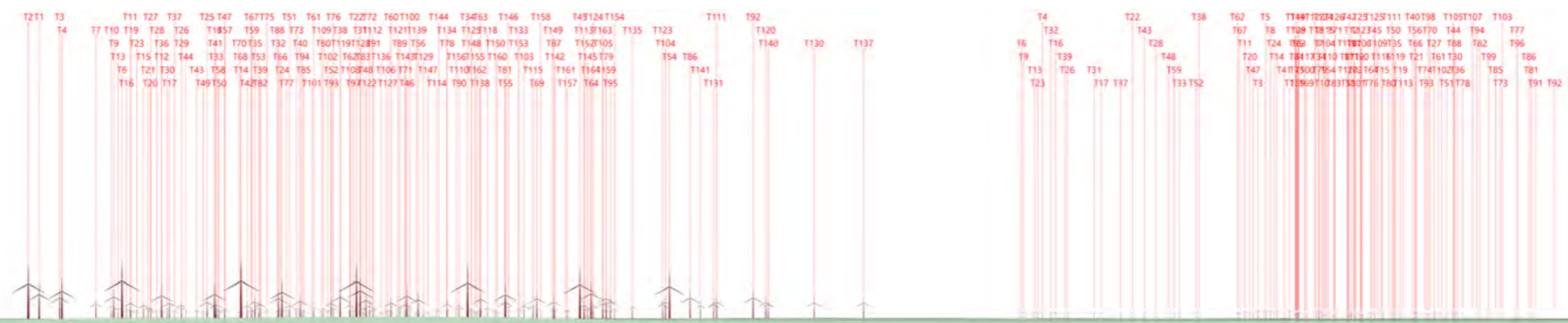


C.8. Dwelling Assessment Dwelling R090 Carrathool Road, Steam Plains NSW



Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the north (assessment based on topography alone). Existing vegetation screens views towards the Project from this location



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND

Extent of Turbines based on topography (all distances)

C.9. Dwelling Assessment Dwelling R078, 884 Cadell Road, Gala Vale NSW

DWELLING R078			
Nearest proposed turbine (km):	5.02 km	Visibility Distance Zone:	Far Middleground (FM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	0	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	One (1)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	One (1)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Visual Impact Rating: NEGLIGIBLE

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Cadell Road. Views from the dwelling are predominantly directed towards the east. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the north eastern side of the dwelling to represent views from the property. There are no turbines within the black line of visual magnitude and three (3) turbines within the blue line of visual magnitude from this dwelling.

Visual Impact Summary:

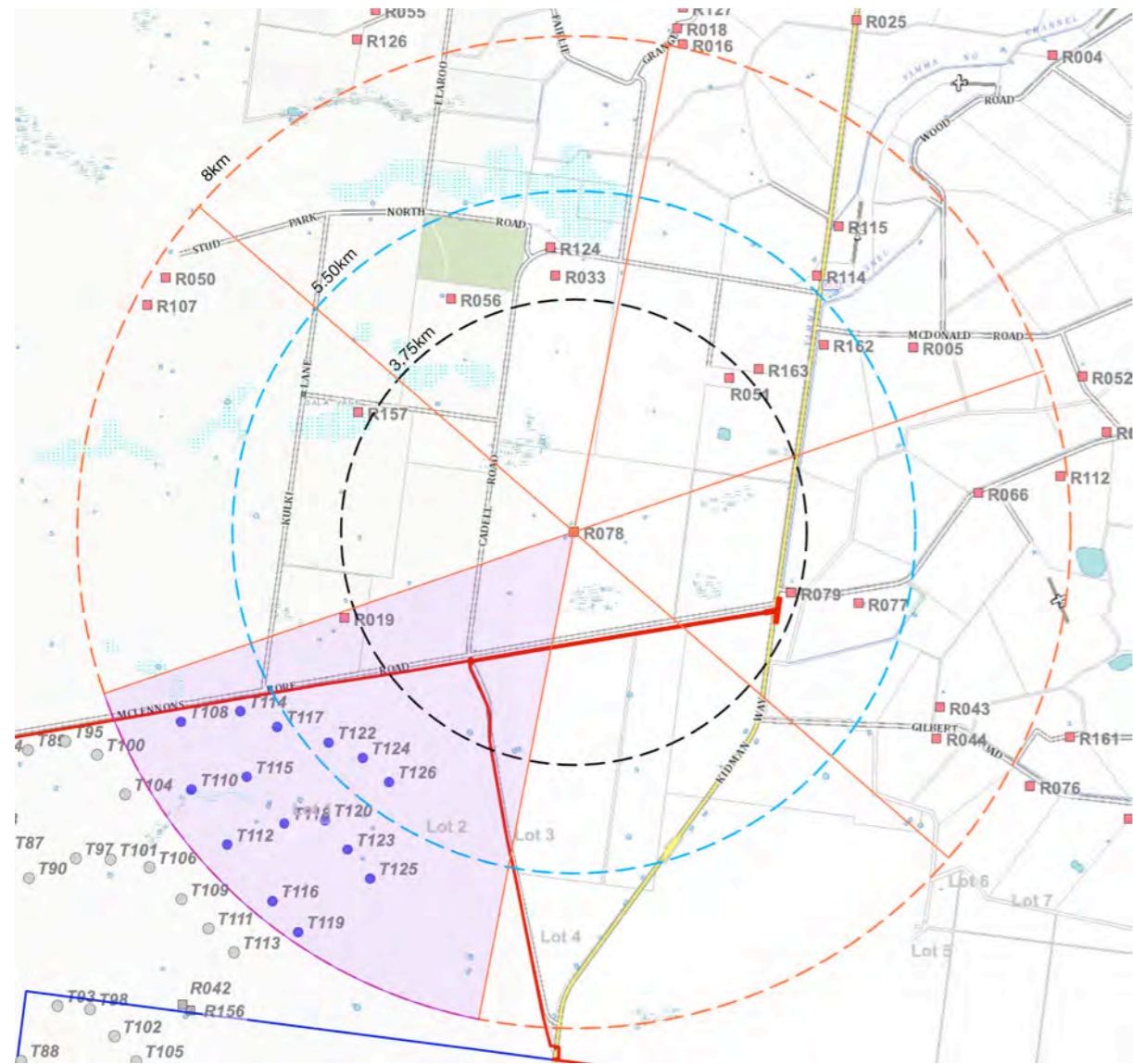
Based on topography alone, the dwelling has the potential to view turbines in up to one (1) 60 degree sector which is deemed acceptable in accordance with the Bulletin. Existing dense vegetation to the south west of the dwelling will contain views toward the Project. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to one (1) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.

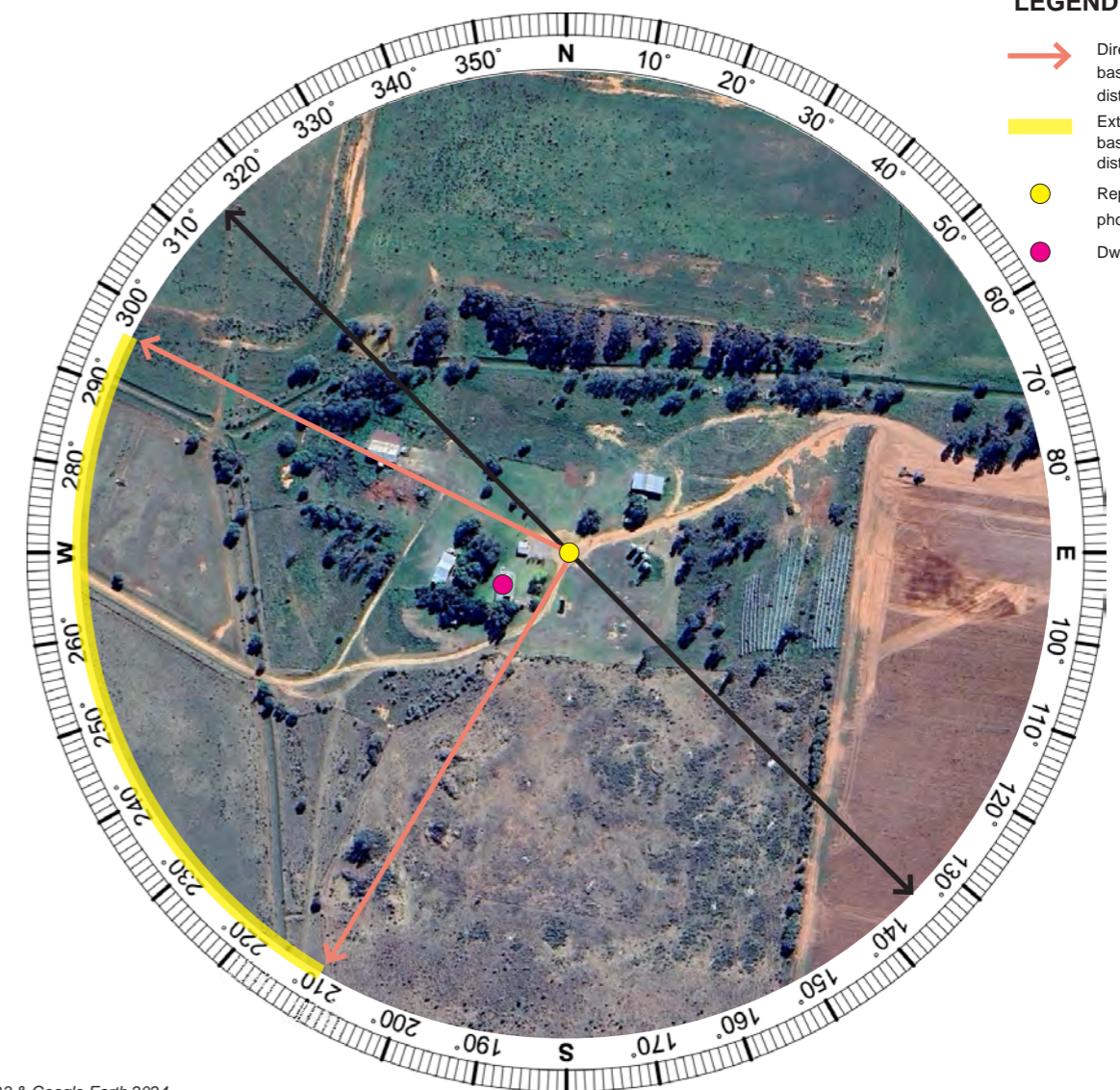


LEGEND

- 280 m Turbine within 8,000 m
- Turbine located in excess of 8,000 m
- Non-associated Dwellings
- Associated Dwellings
- - - 3,750 m from nearest turbine (Black Line)
- - - 5,500 m from nearest turbine (Blue Line)
- - - 8,000 m from nearest turbine
- 60° sector
- 60° sector with turbines



Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



LEGEND

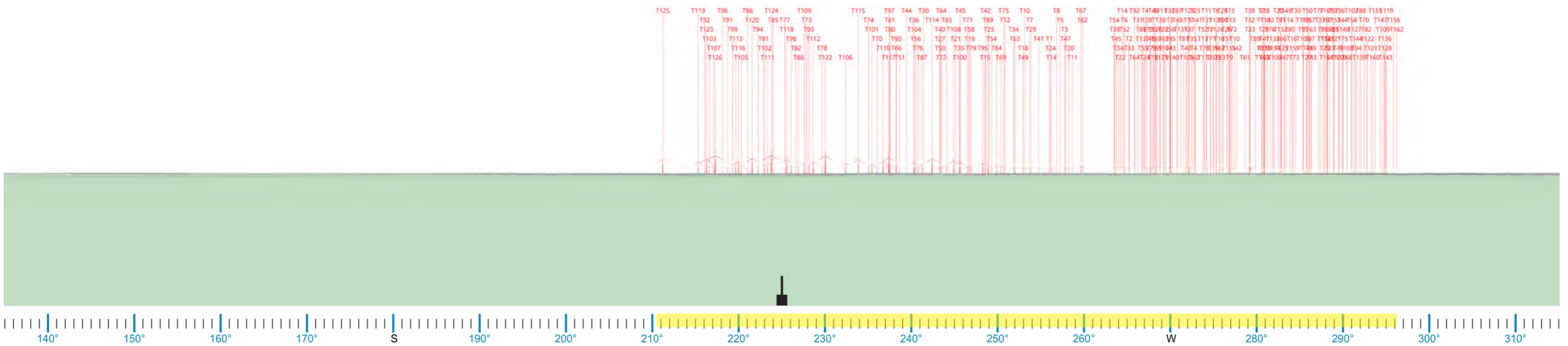
- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Representative viewpoint & photomontage location
- Dwelling location

C.9. Dwelling Assessment Dwelling R078, 884 Cadell Road, Gala Vale NSW




Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the southwest (assessment based on topography alone). Views of the Project will be contained by existing vegetation and structures from this location.



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND

 Extent of Turbines based on topography (all distances)

C.10. Dwelling Assessment Dwelling R157 Gala Vale Road, Gala Vale NSW

DWELLINGR157			
Nearest proposed turbine (km):	5.19 km	Visibility Distance Zone:	Far Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Zero (0)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	One (1)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	Two (2)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Gala Vale Road. The nearest turbine is located in excess of 5.17 km south of the dwelling. Aerial imagery indicates existing dense vegetation associated with the curtilage of the dwelling to the south. Dense native vegetation is also located to the south west of the dwelling. A shed is located to the south. Moir LA attended the dwelling in March 2024. A viewpoint was selected in consultation with the owner and was taken from the northern side of the dwelling to represent views from the property. There are no turbines located within the black or blue lines of visual magnitude and three (3) turbines between 5,500 m and 8,000 m.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to one (1) 60 degree sector which is acceptable in accordance with the Bulletin. Existing dense vegetation to the south and southwest will screen views toward the Project from this dwelling. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

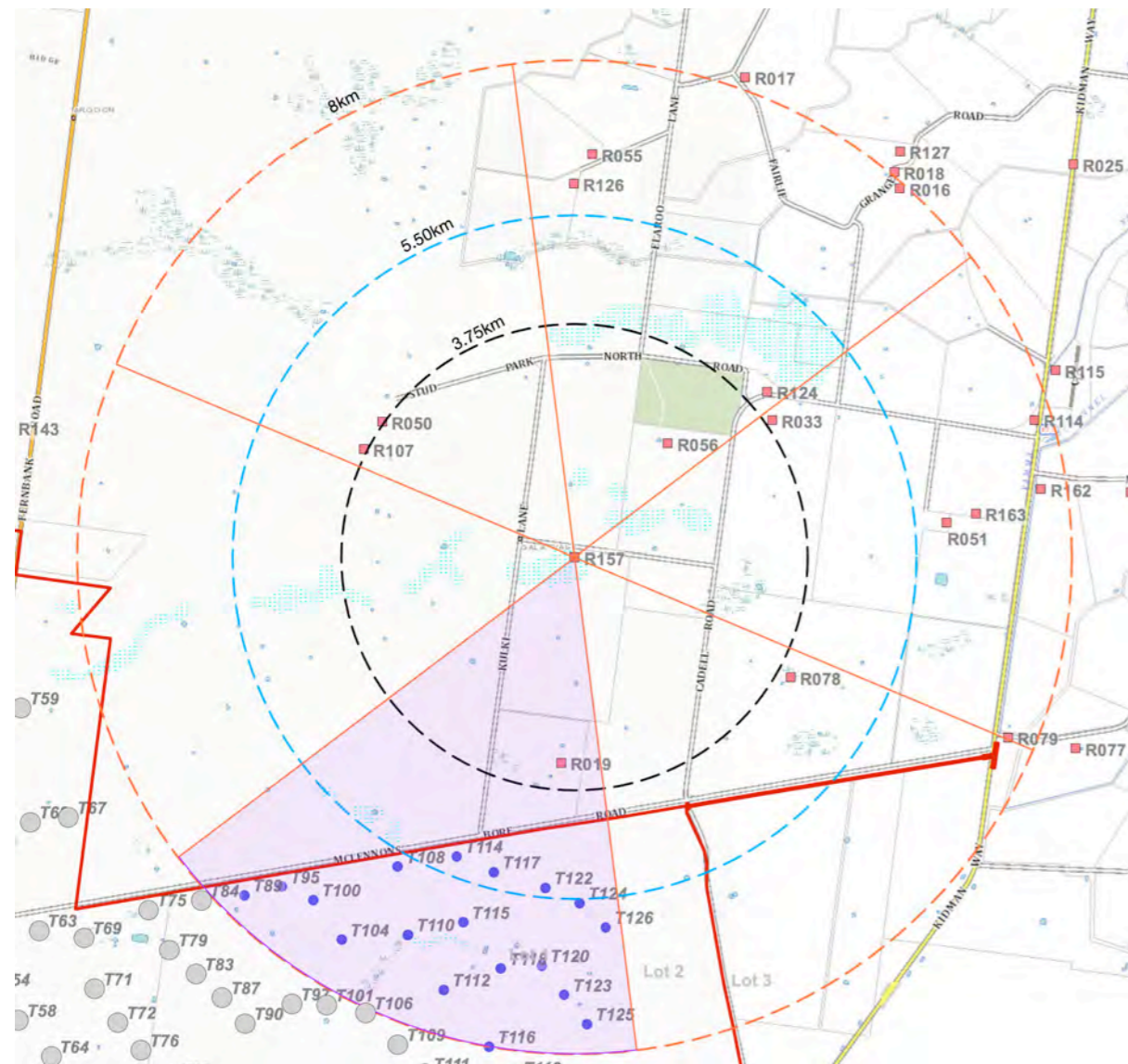
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to one (1) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

Mitigation Measures are not deemed necessary from this dwelling due to the existing screen factors.

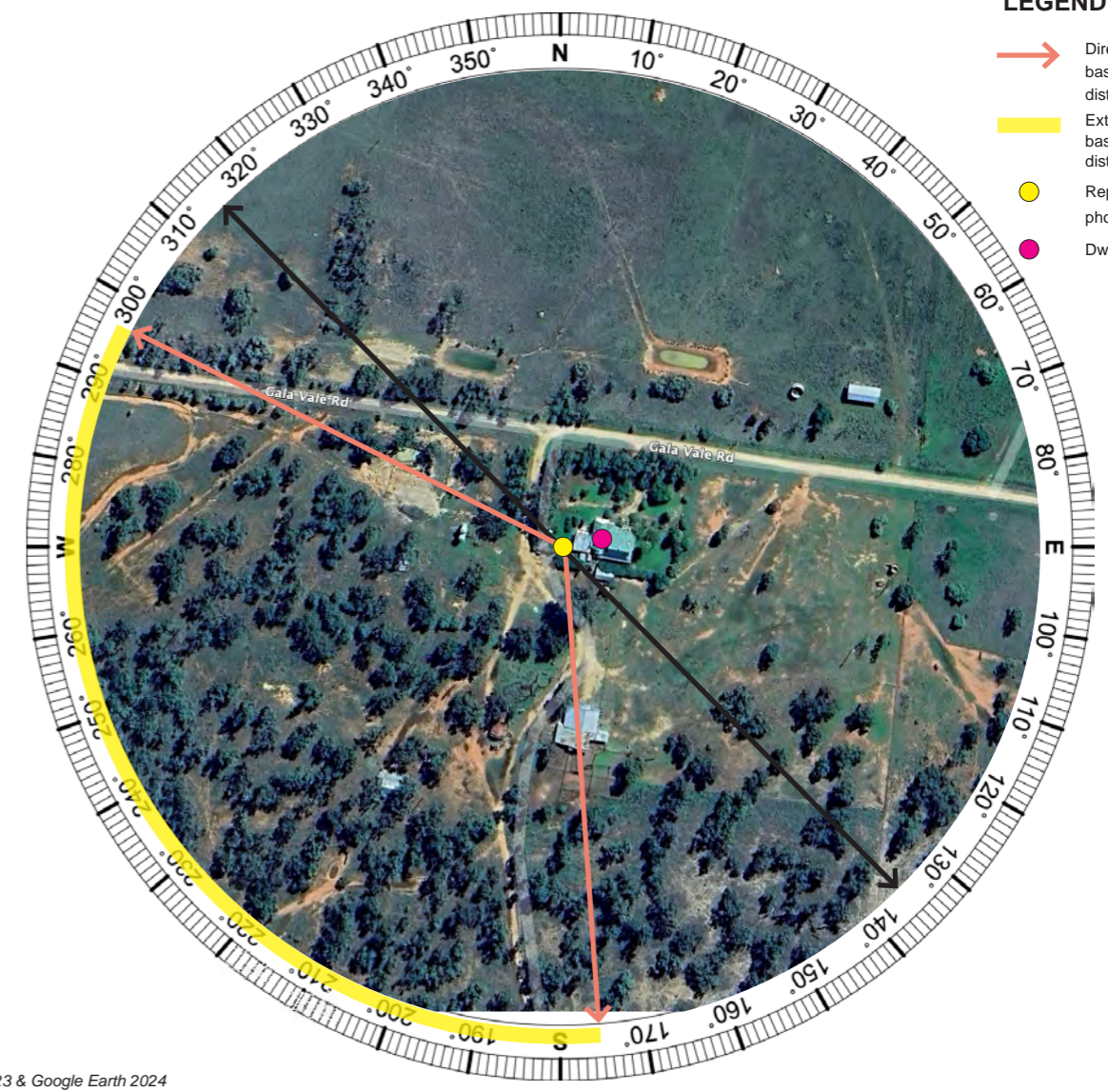
Visual Impact Rating: NEGLIGIBLE



- LEGEND**
- 280 m Turbine within 8,000 m
 - Turbine located in excess of 8,000 m
 - Non-associated Dwellings
 - Associated Dwellings
 - - - 3,750 m from nearest turbine (Black Line)
 - - - 5,500 m from nearest turbine (Blue Line)
 - - - 8,000 m from nearest turbine
 - 60° sector
 - 60° sector with turbines

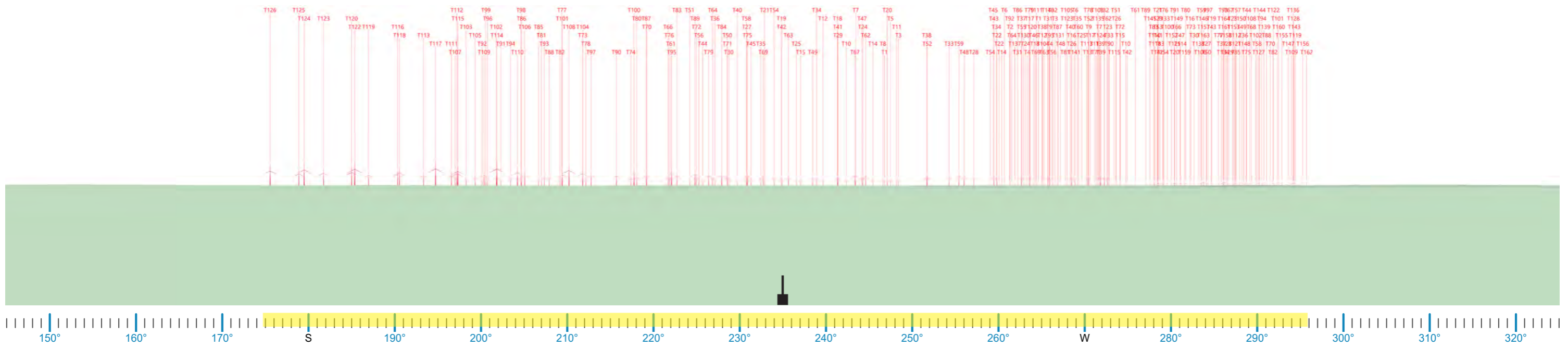


Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



- LEGEND**
- Direction of visible turbines based on topography (all distances)
 - Extent of visible turbines based on topography (all distances)
 - Representative viewpoint & photomontage location
 - Dwelling location

C.10. Dwelling Assessment Dwelling R157 Gala Vale Road, Gala Vale NSW



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
Extent of Turbines based on topography (all distances)

C.11.a. Dwelling Assessment Dwelling R091 Pooginook Road, Mabins Well NSW

DWELLING R091			
Nearest proposed turbine (km):	3.88 km	Visibility Distance Zone:	Near Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Zero (0)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Three (3)	Landscape Character Unit:	LCU03: Swamps and Floodplains
Number of visible 60° Sectors (Based on 3D Assessment):	Three (3)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ2

Visual Impact Rating: LOW

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Pooginook Road. This assessment is representative of R144 and R108 which are located nearby. The nearest turbine is located approximately 3,880 m west of the dwelling. Aerial imagery indicates vegetation surrounds the dwelling. Farm buildings are located to the west and northwest of the dwelling. The combination of these factors is likely to fragment the majority of views towards the Project from this dwelling. There are no turbines within the black line of visual magnitude and eight (8) turbines within the blue line.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to three (3) 60 degree sectors. Existing dense vegetation in the foreground to the east and west contains views in these directions. As a result, the majority of the Project is screened from this dwelling. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **LOW**.

Visual Performance Objectives Evaluation (VIZ2):

Visual Magnitude: There are no turbines located within the black line of visual magnitude and eight (8) turbines within the blue line of visual magnitude.

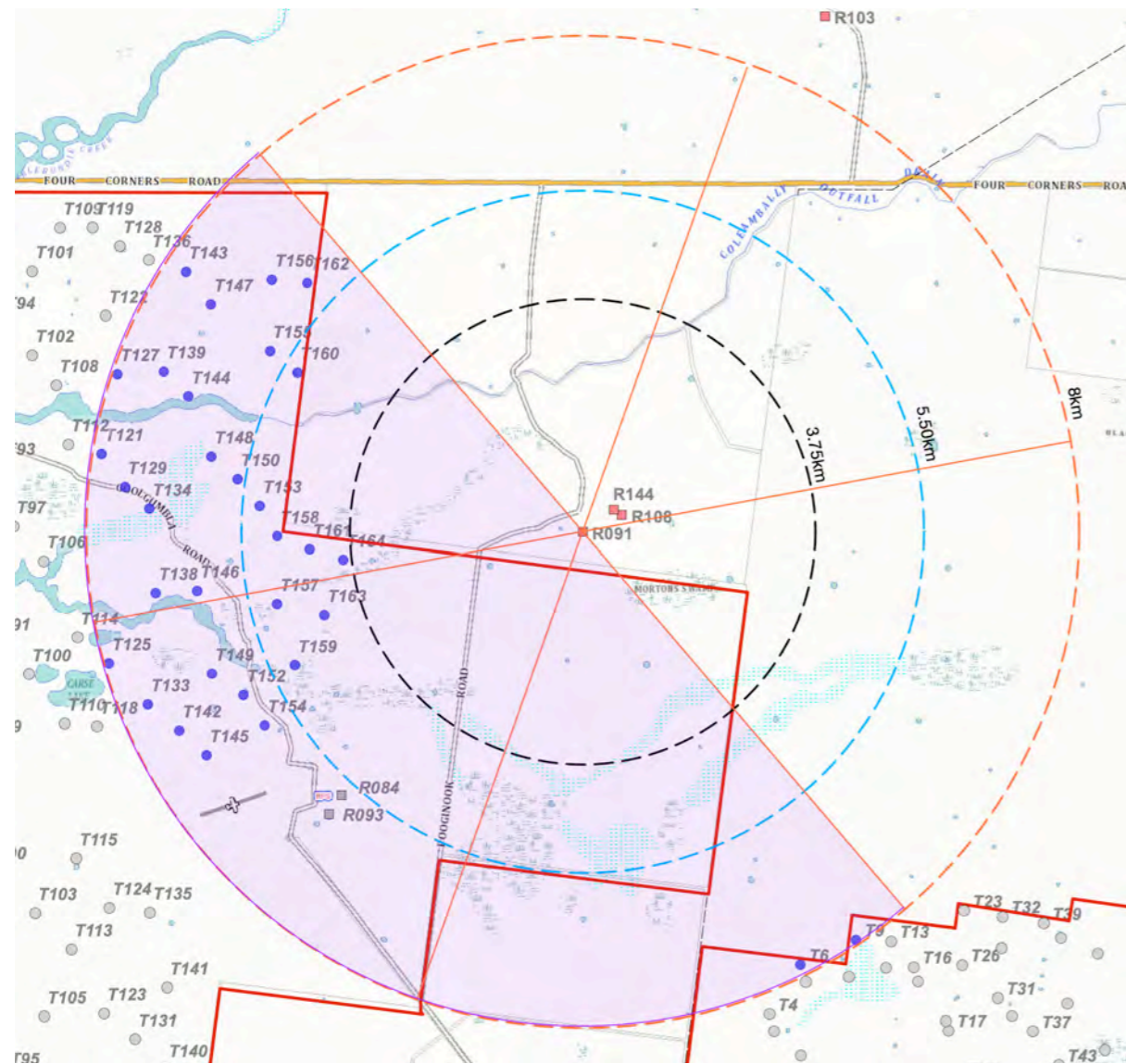
Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to three (3) 60 degree sectors. Vegetation is likely to screen the majority of views from this location. Reducing these to an acceptable level in accordance with the Bulletin.

Landscape Scenic Integrity: Views towards turbines will be limited due to the existing screen factors including vegetation and built structures. As a result the turbines will not impact the landscape scenic integrity.

Key Feature Disruption: As views toward turbines are limited, the Project is not likely to disrupt the key landscape features.

Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.

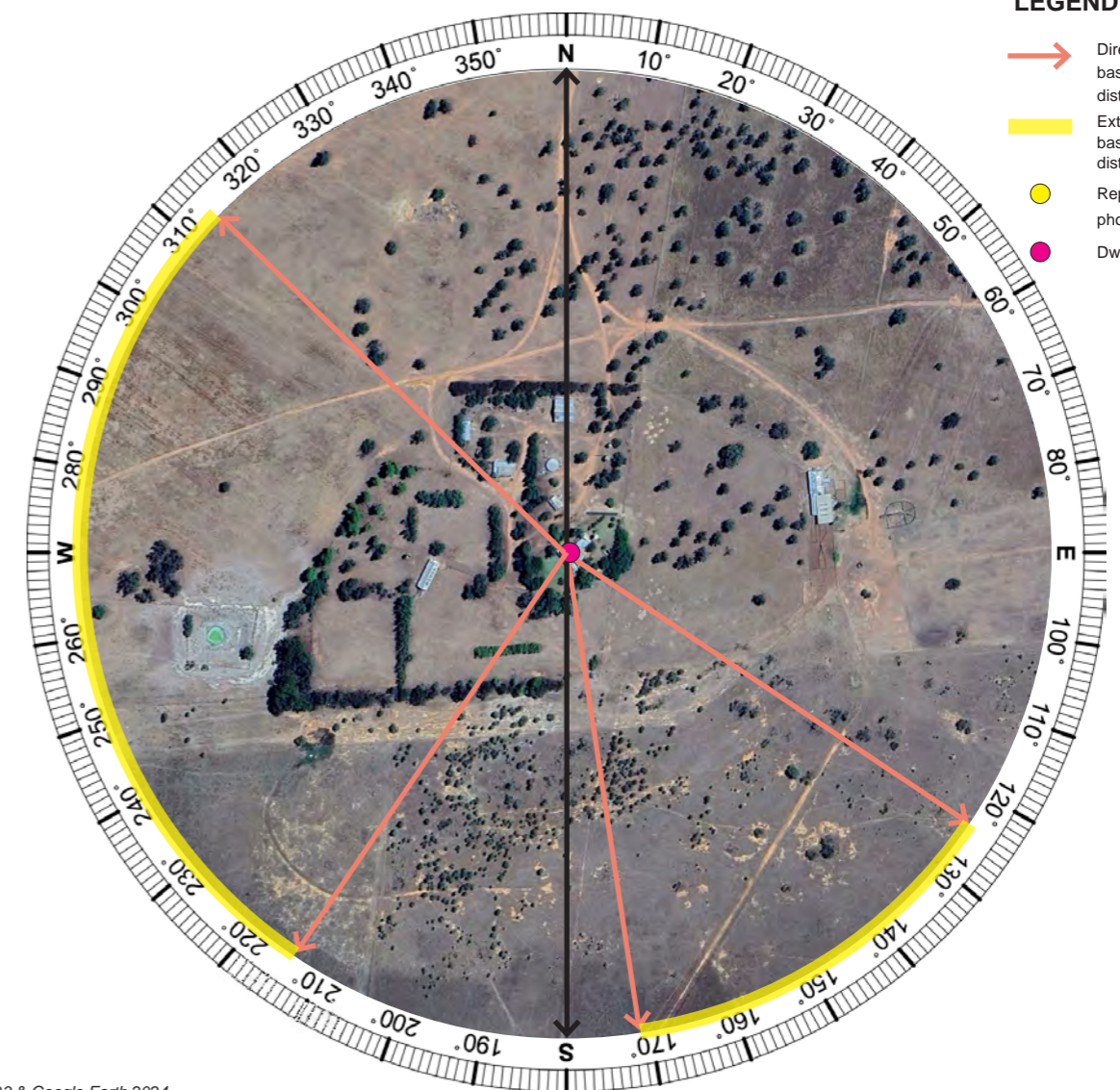


LEGEND

- 280 m Turbine within 8,000 m
- Turbine located in excess of 8,000 m
- Non-associated Dwellings
- Associated Dwellings
- 3,750 m from nearest turbine (Black Line)
- - - 5,500 m from nearest turbine (Blue Line)
- 8,000 m from nearest turbine
- 60° sector
- 60° sector with turbines
- Turbine associated with YDWF



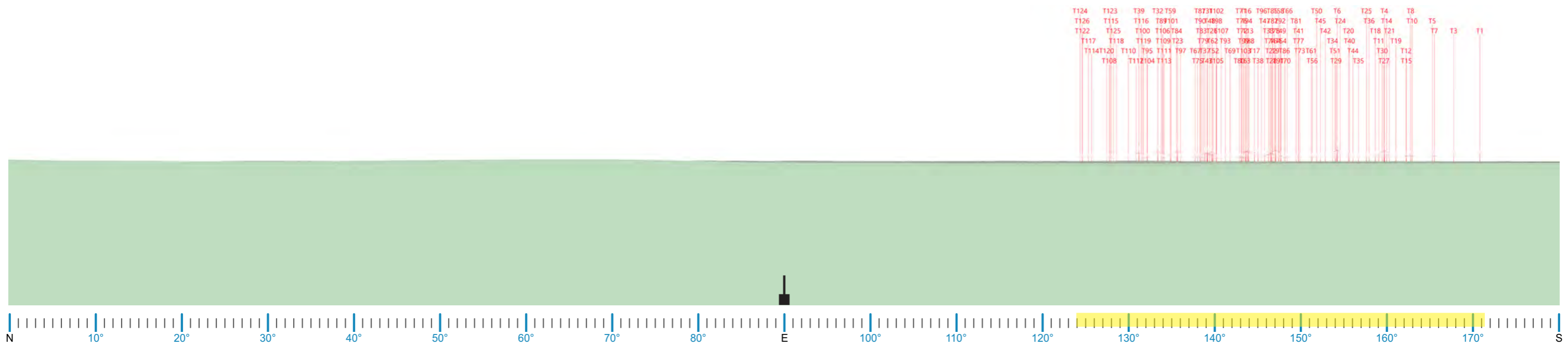
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



LEGEND

- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Representative viewpoint & photomontage location
- Dwelling location

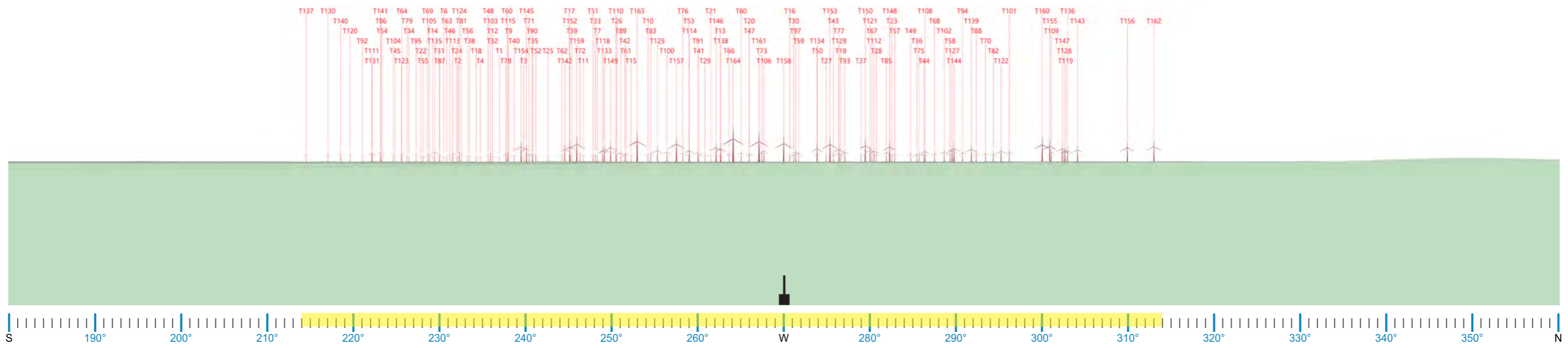
C.11.a. Dwelling Assessment R091 Pooginook Road, Mabins Well NSW



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
Extent of Turbines based on topography (all distances)

C.11.b. Dwelling Assessment R091 Pooginook Road, Mabins Well NSW



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
Extent of Turbines based on topography (all distances)

C.12. Dwelling Assessment Dwelling R082, 601 Woodside Road, Jerilderie NSW

DWELLING R082			
Nearest proposed turbine (km):	5.95 km	Visibility Distance Zone:	Far Middleground (FM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	0	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Three (3)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	three (3)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

The dwelling is associated with AWF (Argoon Wind Farm). The dwelling is located on flat terrain and is accessed via Woodside Road. Moir LA attended the dwelling in August 2023. A viewpoint was selected in consultation with the owner and was taken from the northern side of the dwelling to represent views from the property. There are no turbines within the black or blue lines of visual magnitude and nine (9) turbines between 5,500m and 8,000 of the nearest turbine.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to three (3) 60 degree sectors, however it is noted that YDWF (Yanco Delta Wind Farm) occupies two (2) 60 degree sectors and the Project occupies up to one (1) 60 degree sector which is deemed acceptable in accordance with the Bulletin. Turbines associated with AWF have not been considered in this assessment as the dwelling is associated with AWF. Existing scattered vegetation in the middleground to the north is likely to limit views towards the Project, however some views towards turbines located in excess of 6km of the dwelling are likely to be available. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **LOW**.

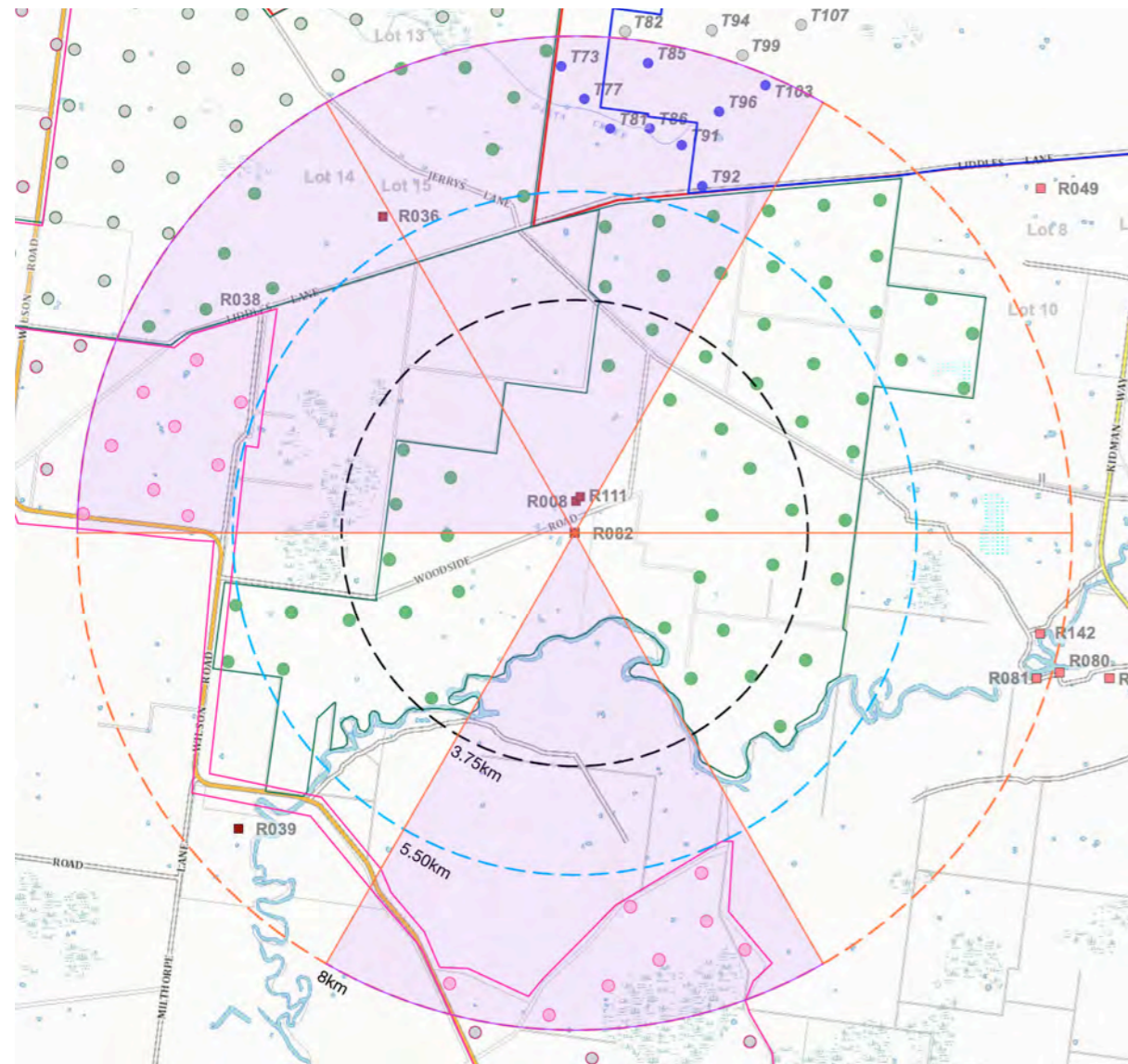
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to three (3) 60 degree sectors, however it is noted that two (2) 60 degree sectors are occupied by the YDWF and one (1) 60 degree sector is occupied by the Project. Views in up to Two (2) 60 degree sectors is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

Mitigation measures are not deemed necessary for this dwelling.

Visual Impact Rating: LOW

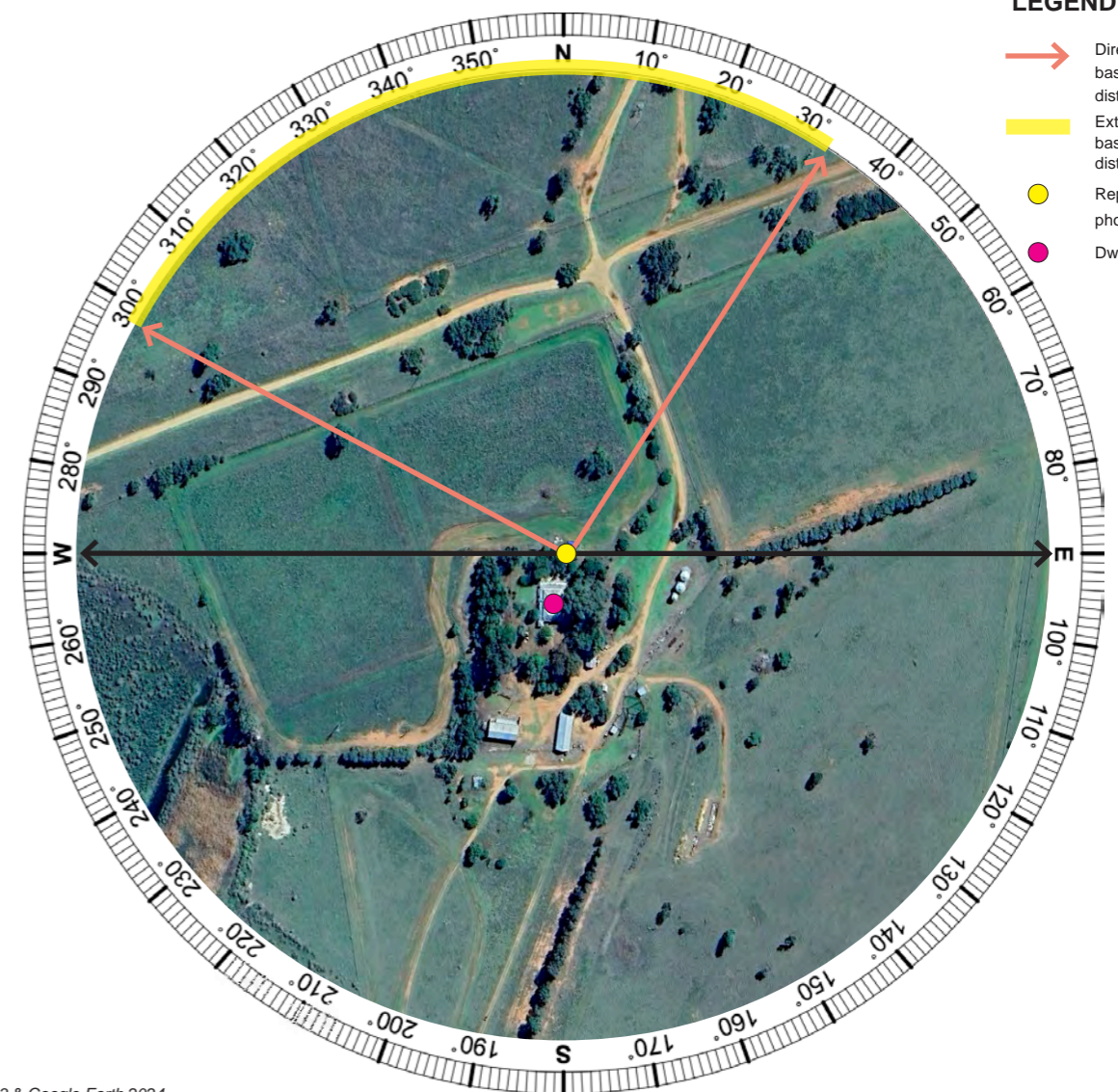


LEGEND

- 280 m Turbine within 8,000 m
 - Turbine located in excess of 8,000 m
 - Non-associated Dwellings
 - Associated Dwellings
 - - - 3,750 m from nearest turbine (Black Line)
 - - - 5,500 m from nearest turbine (Blue Line)
 - - - 8,000 m from nearest turbine
 - - - 60° sector
 - 60° sector with turbines
 - Turbine associated with YDWF
 - Turbine associated with AWF
- Note: Dwelling is associated with AWF and therefore turbines associated have not been considered in this assessment



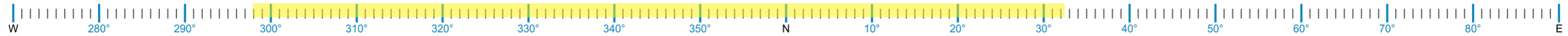
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



LEGEND

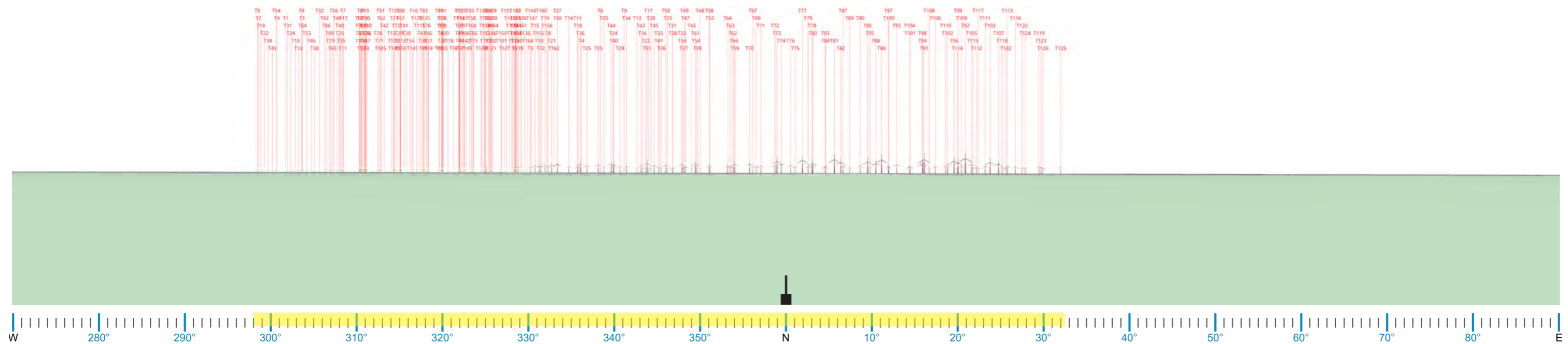
- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Representative viewpoint & photomontage location
- Dwelling location

C.12. Dwelling Assessment Dwelling R082, 601 Woodside Road, Jerilderie NSW



Proposed View - 180 degree field of view

Wire Frame Diagram indicates that all turbines will be visible generally in the north (assessment based on topography alone). Existing vegetation screens views towards some turbines. Views toward turbines to the northeast will be available, however turbines are located in excess of 6km from the dwelling.



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND

Extent of Turbines based on topography (all distances)

C.13. Dwelling Assessment Dwelling R141 Carrathool Road, Steam Plains NSW

DWELLING R141			
Nearest proposed turbine (km):	6.43 km	Visibility Distance Zone:	Far Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Zero (0)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	One (1)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	One (1)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Visual Impact Rating: LOW

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Carrathool Road. This assessment is representative of R140 and R092 which are located nearby and has been selected as worst-case. The nearest turbine is located in excess of 6.4 km north of the viewpoint. Aerial imagery indicates existing dense vegetation to the north and east of the dwelling. A combination of these factors are likely to assist in fragmenting views to some turbines, however views are likely to be available through a gap in vegetation to the north of the dwelling. It is noted that these turbines are located in excess of 6.4 km away, and are likely to occupy a small portion of the view from this dwelling. Moir LA attended the dwelling in March 2024. A viewpoint was selected in consultation with the owner and was taken from the northern side of the dwelling to represent views from the property. There are no turbines located within the black or blue lines of visual magnitude and eight (8) turbines between 5,500 m and 8,000 m.

Visual Impact Summary:

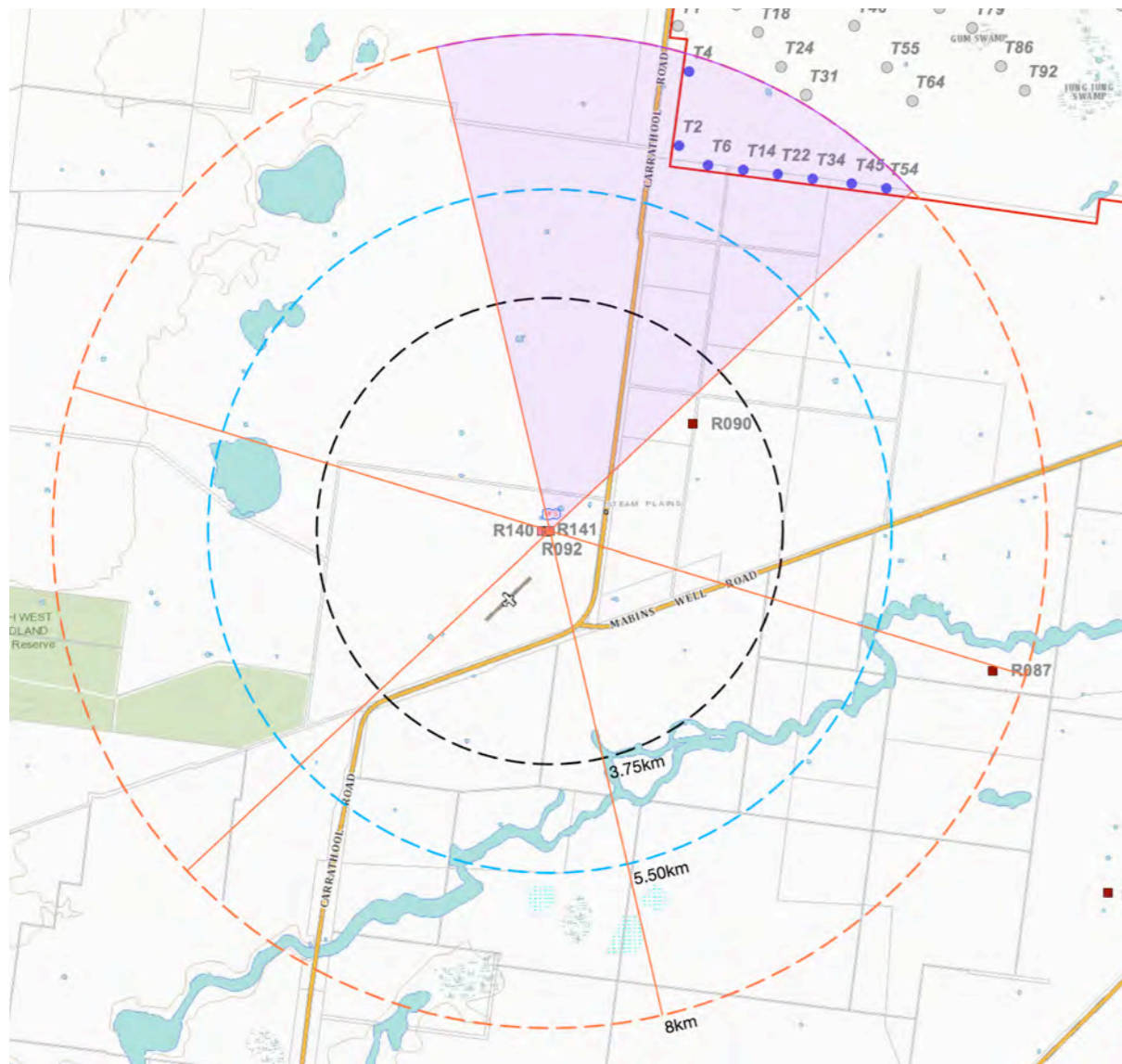
Based on topography alone, the dwelling has the potential to view turbines in up to one (1) 60 degree sector which is acceptable in accordance with the Bulletin. Existing dense vegetation to the north and east of the dwelling fragments views in this directions. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **LOW**.

Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to one (1) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

Mitigation Measures are not deemed necessary from this dwelling due to the existing screen factors.

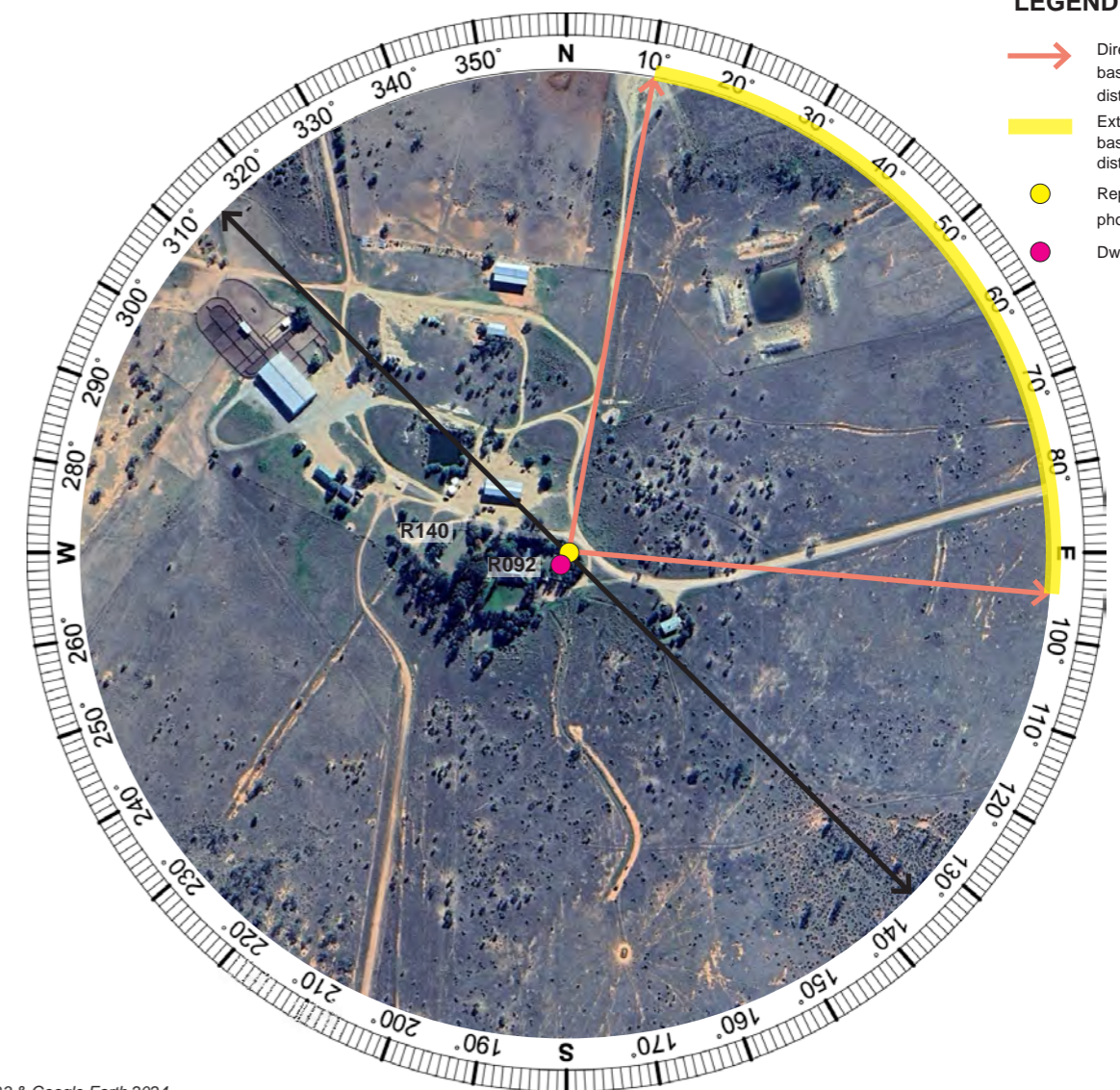


LEGEND

- 280 m Turbine within 8,000 m
- Turbine located in excess of 8,000 m
- Non-associated Dwellings
- Associated Dwellings
- 3,750 m from nearest turbine (Black Line)
- 5,500 m from nearest turbine (Blue Line)
- 8,000 m from nearest turbine
- 60° sector
- 60° sector with turbines
- Turbine associated with YDWF



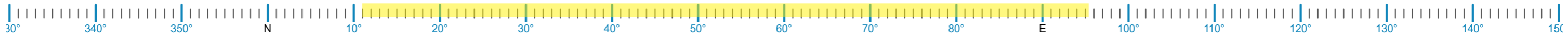
Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



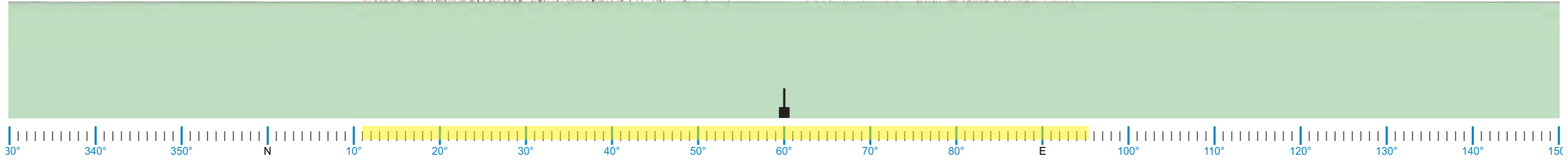
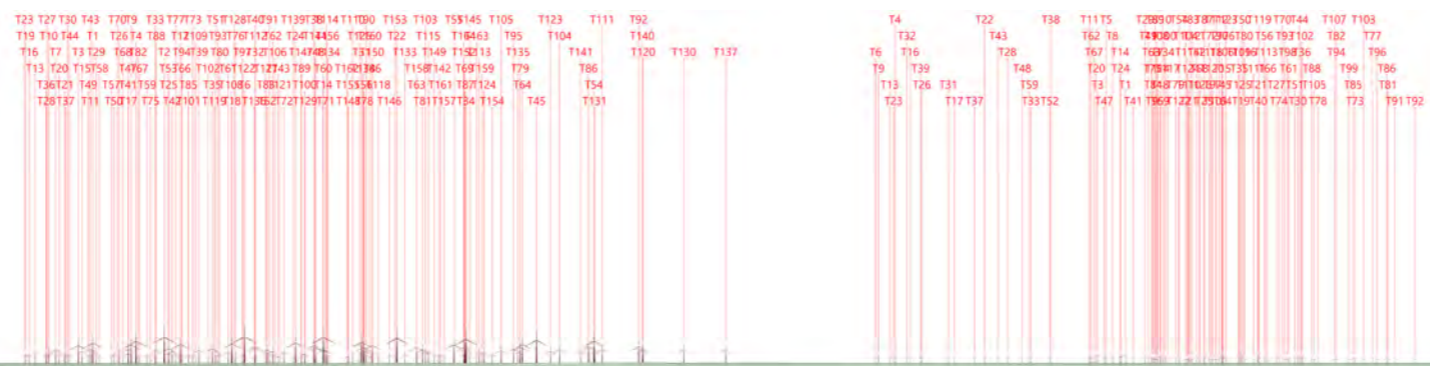
LEGEND

- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Representative viewpoint & photomontage location
- Dwelling location

C.13. Dwelling Assessment R141 Carrathool Road, Steam Plains NSW



Proposed View - 180 degree field of view



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
Extent of Turbines based on topography (all distances)

C.14. Dwelling Assessment Dwelling R087 Mabins Well Road, Moonbria NSW

DWELLING R087			
Nearest proposed turbine (km):	7.95 km	Visibility Distance Zone:	Far Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Zero (0)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	One (1)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	One (1)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

This dwelling is associated with YDWF. The dwelling is located on flat terrain and is accessed via Mabins Well Road. The nearest turbine is located in excess of 7.95 km northeast of the viewpoint. Aerial imagery indicates existing dense vegetation to the north of the dwelling with scattered vegetation to the east. The nearest turbine is located in excess of 7.95 km north of the viewpoint. Existing vegetation to the north is likely to screen views towards turbines in this direction. Views towards turbines associated with the eastern portion of the Project may be available through gaps in vegetation, however it is noted that these turbines are located in excess of 16 km of the dwelling and will be difficult to discern. There are no turbines located within the black or blue lines of visual magnitude and one (1) turbine between 5,500 - 8,000 m.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to one (1) 60 degree sector which is acceptable in accordance with the Bulletin. It is noted that only one (1) turbine occupies the sector and existing vegetation is likely to screen the majority of views from this location. Existing vegetation to the north and east is likely to screen the majority of views towards turbine. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

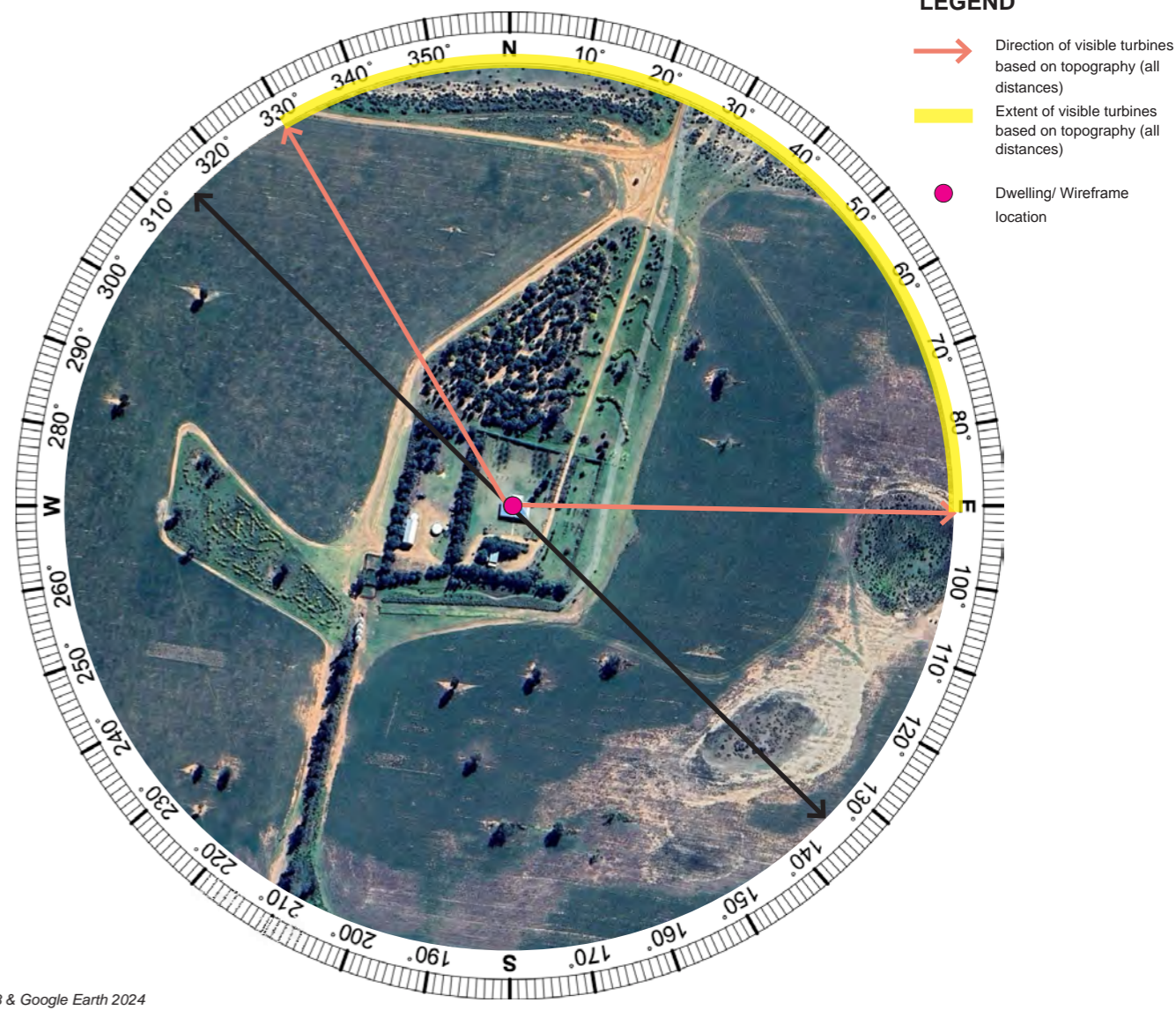
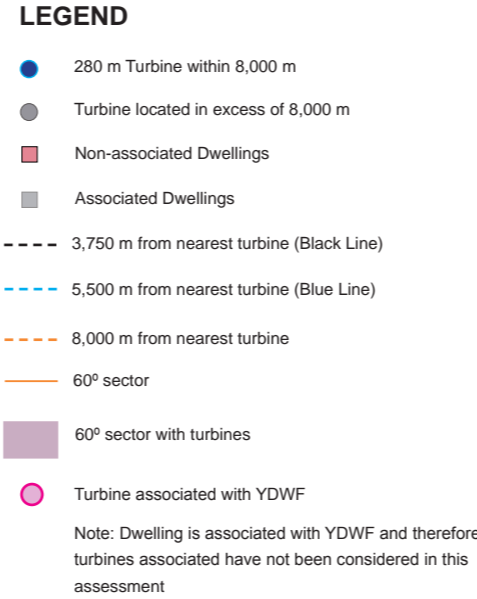
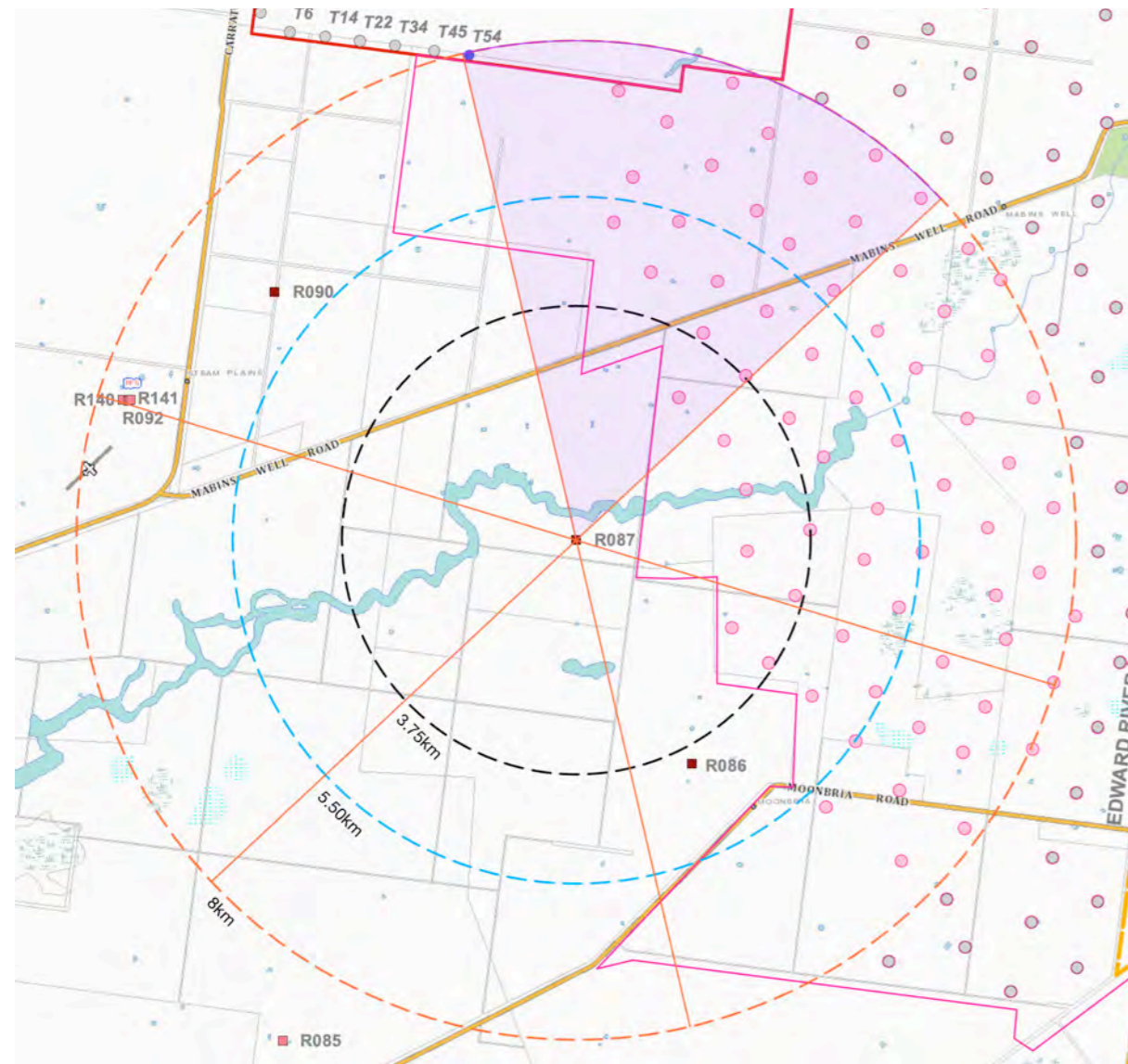
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to one (1) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

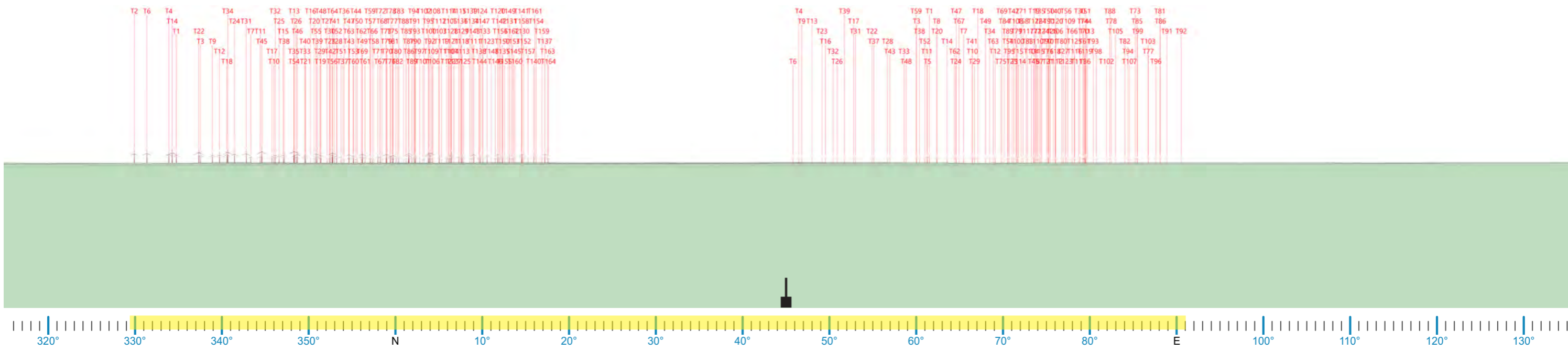
Mitigation Measures are not deemed necessary from this dwelling due to the existing screen factors.

Visual Impact Rating: NEGLIGIBLE



Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024

C.14. Dwelling Assessment R087 Mabins Well Road, Moonbria NSW



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 ■ Extent of Turbines based on topography (all distances)

C.15. Dwelling Assessment Dwelling R079 Graham Road, Coleambally NSW

DWELLING R079			
Nearest proposed turbine (km):	7.16 km	Visibility Distance Zone:	Far Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Zero (0)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	One (1)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	One (1)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Graham Road. The nearest turbine is located in excess of 7 km to the southwest of the dwelling. Aerial imagery suggests that there is dense vegetation to the south and west (adjoining Kidman Way) of the dwelling. A combination of these factors is likely to screen views of the Project from this dwelling. There are no turbines located within the black or blue lines of visual magnitude and three (3) turbines between 5,500 m and 8,000 m.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to one (1) 60 degree sector which is acceptable in accordance with the Bulletin, however it is noted that existing vegetation is likely to screen the majority of views from this location. Existing dense vegetation to the south and west (adjoining Kidman Way) is likely to screen views towards the Project from this dwelling. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

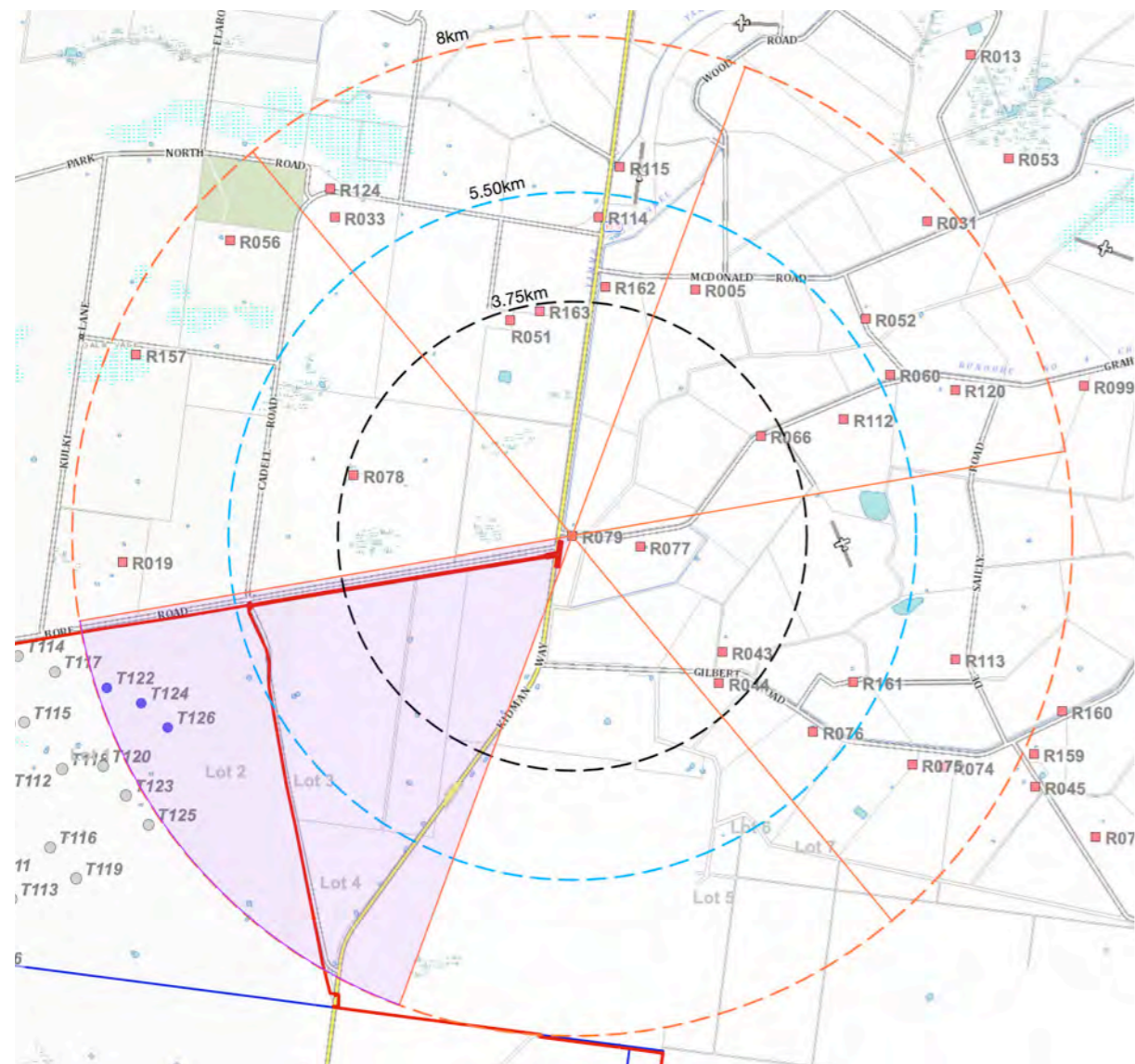
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to one (1) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

Mitigation Measures are not deemed necessary from this dwelling due to the existing screening factors.

Visual Impact Rating: NEGLIGIBLE



- LEGEND**
- 280 m Turbine within 8,000 m
 - Turbine located in excess of 8,000 m
 - Non-associated Dwellings
 - Associated Dwellings
 - - - 3,750 m from nearest turbine (Black Line)
 - - - 5,500 m from nearest turbine (Blue Line)
 - - - 8,000 m from nearest turbine
 - 60° sector
 - 60° sector with turbines
 - Turbine associated with YDWF

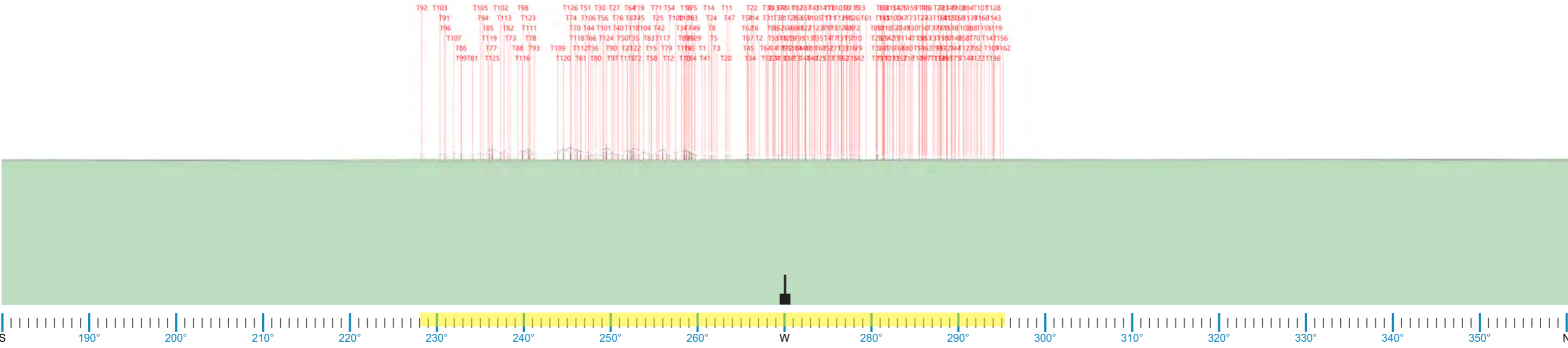


Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024



- LEGEND**
- Direction of visible turbines based on topography (all distances)
 - Extent of visible turbines based on topography (all distances)
 - Dwelling/ Wireframe location

C.15. Dwelling Assessment R079 Graham Road, Coleambally NSW



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND
 ■ Extent of Turbines based on topography (all distances)

C.16. Dwelling Assessment Dwelling R056 Cadell Road, Gala Vale NSW

DWELLING R056			
Nearest proposed turbine (km):	7.45 km	Visibility Distance Zone:	Far Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Zero (0)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	One (1)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	One (1)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Cadell Road. The nearest turbine is located in excess of 7.4 km to the south of the dwelling. Aerial imagery suggests that there is dense vegetation surrounding the dwelling. Farm buildings are also located to the south west of the dwelling. A combination of these factors is likely to screen views of the Project from this dwelling. There are no turbines located within the black or blue lines of visual magnitude and five (5) turbines between 5,500 m and 8,000 m.

Visual Impact Summary:

Based on topography alone, the dwelling has the potential to view turbines in up to one (1) 60 degree sector which is acceptable in accordance with the Bulletin, however it is noted that existing vegetation is likely to screen the majority of views from this location. A combination of existing dense vegetation surrounding the dwelling in addition to farm buildings to the west will screen views towards the Project from this dwelling. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **NEGLIGIBLE**.

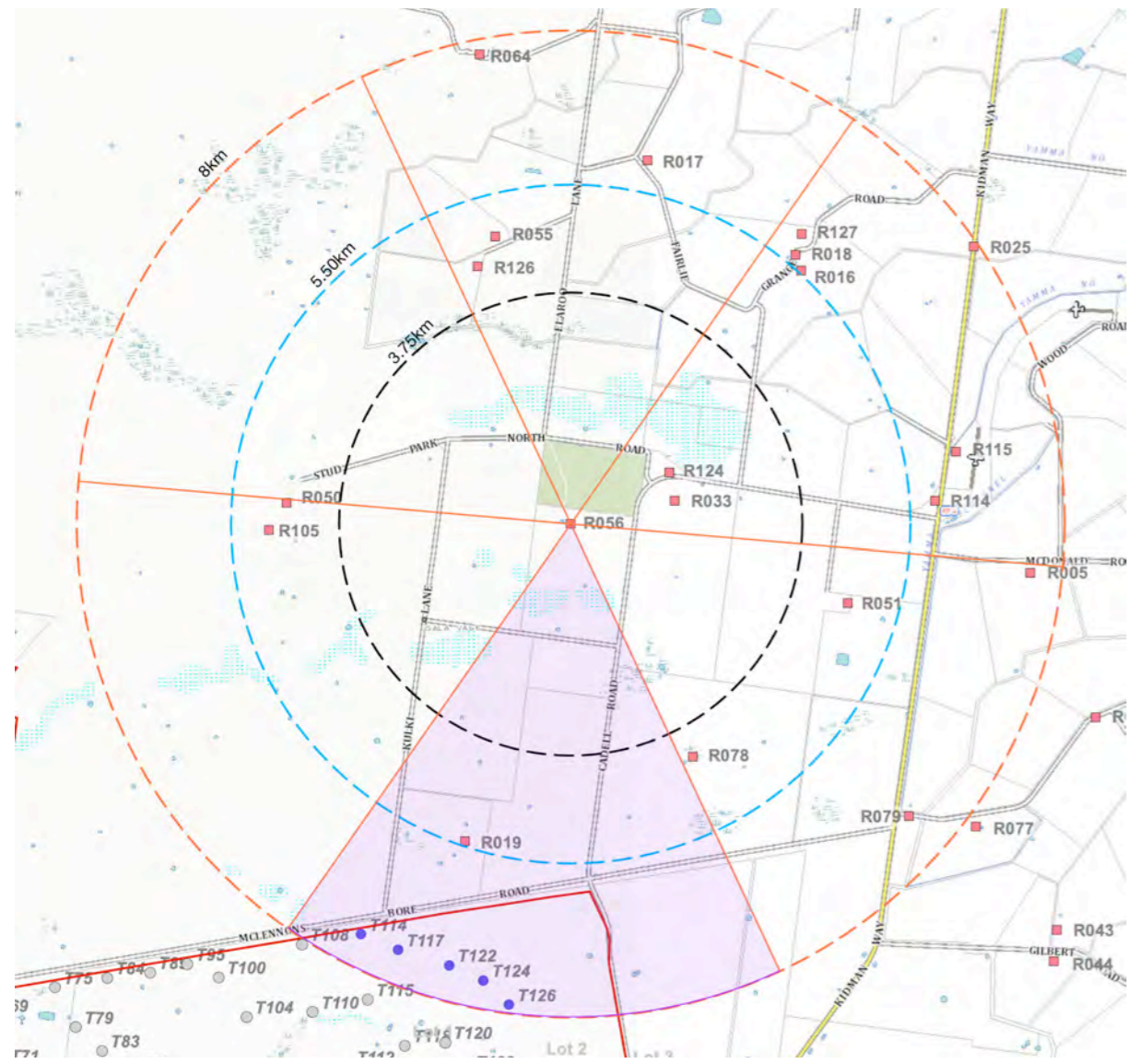
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to one (1) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

Mitigation Measures:

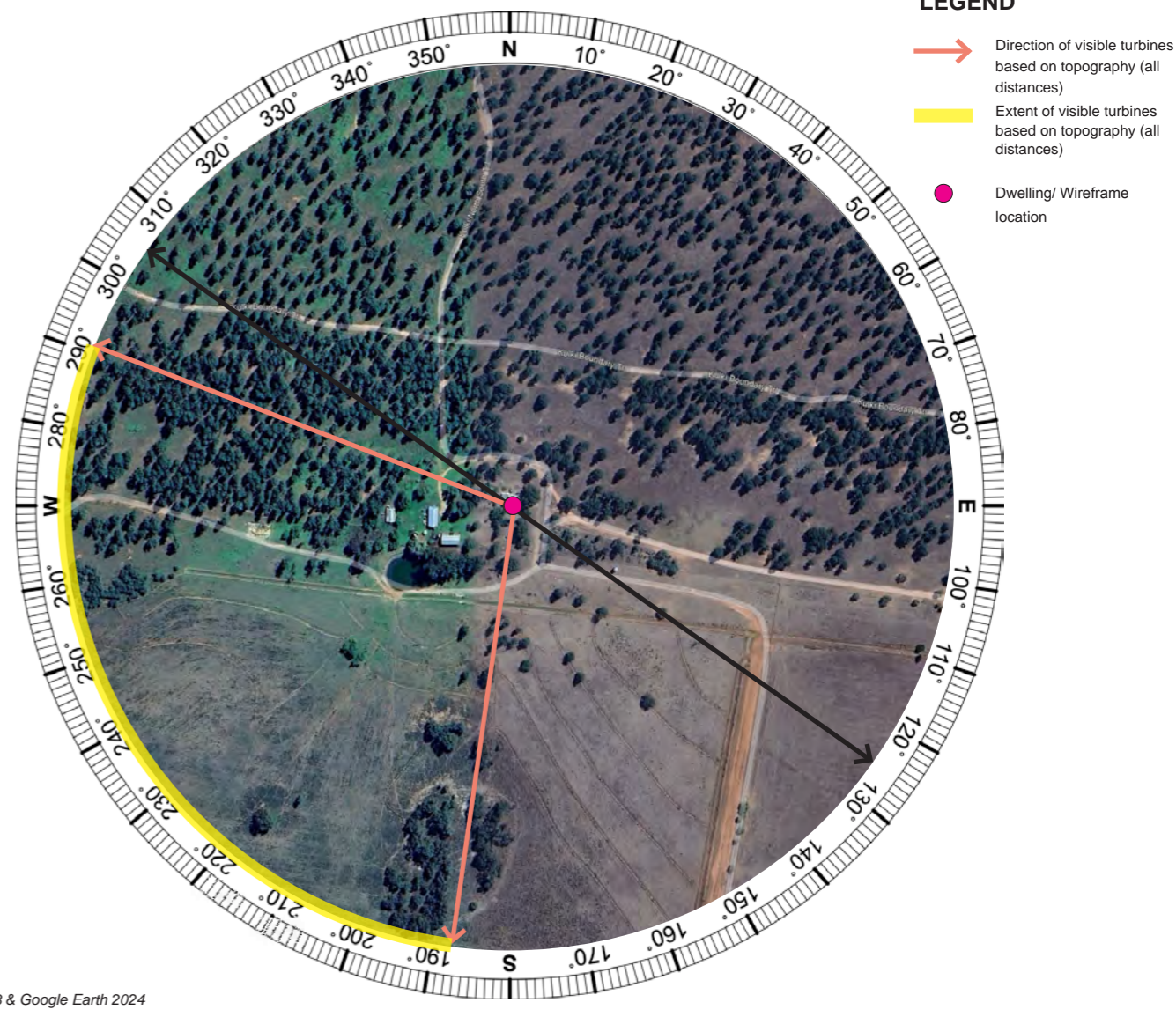
Mitigation Measures are not deemed necessary from this dwelling due to the existing screen factors.

Visual Impact Rating: NEGLIGIBLE



LEGEND

- 280 m Turbine within 8,000 m
- Turbine located in excess of 8,000 m
- Non-associated Dwellings
- Associated Dwellings
- - - 3,750 m from nearest turbine (Black Line)
- - - 5,500 m from nearest turbine (Blue Line)
- - - 8,000 m from nearest turbine
- 60° sector
- 60° sector with turbines

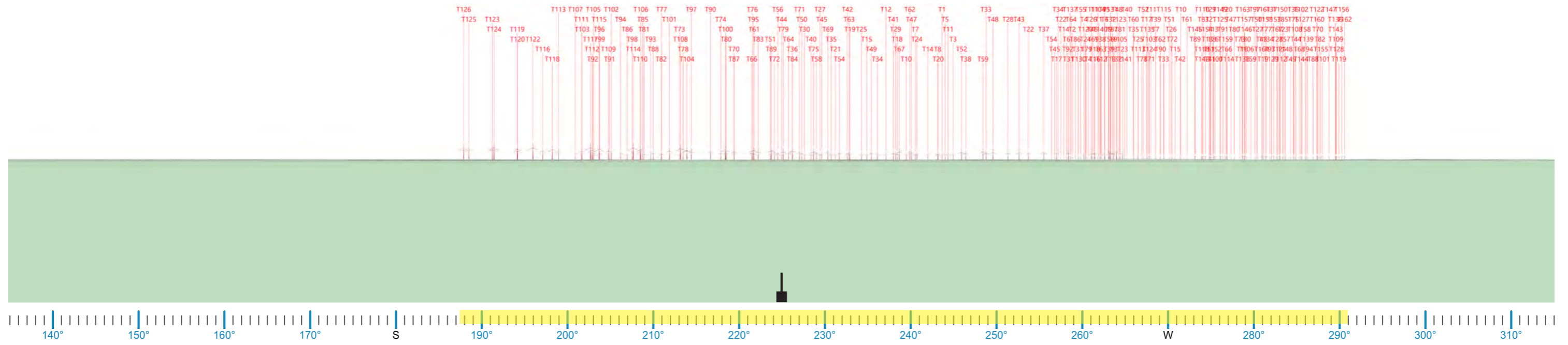


LEGEND

- Direction of visible turbines based on topography (all distances)
- Extent of visible turbines based on topography (all distances)
- Dwelling/ Wireframe location


Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024

C.16. Dwelling Assessment R056 Cadell Road, Gala Vale NSW



Proposed Wire Frame Diagram - 180 degree field of view

LEGEND

 Extent of Turbines based on topography (all distances)

C.17. Dwelling Assessment Dwelling R050 Four Corners Road, Argoon NSW

DWELLING R050			
Nearest proposed turbine (km):	7.12 km	Visibility Distance Zone:	Far Middleground (NM)
Number of proposed turbines within the Black Line of Visual Magnitude (3750 m):	Zero (0)	Viewer Sensitivity Zone:	Level 2 Moderate
Number of theoretical 60° Sectors (Based on 2D Plan):	Two (2)	Landscape Character Unit:	LCU04: Grassy Plains
Number of visible 60° Sectors (Based on 3D Assessment):	Two (2)	Scenic Quality Rating:	Low
Number of potentially visible turbines (Based on topography alone)	267 all at hub height	Visual Influence Zone:	VIZ3

Assessment Notes:

The dwelling is located on flat terrain and is accessed via Four Corners Road. This assessment is representative of R107 which is located nearby and has been selected as worst-case. The nearest turbine is located in excess of 7 km to the south of the dwelling. Aerial imagery suggests that there is scattered vegetation to the south and north of the dwelling. Farm buildings are also located to the west of the dwelling. A combination of these factors is likely to screen the majority of views of the Project from this dwelling. It is noted that some views may be available through breaks in vegetation to the southwest, however these turbines will occupy a small portion of the view and will be difficult to discern. There are no turbines located within the black or blue lines of visual magnitude and nine (9) turbines between 5,500 m and 8,000 m.

Visual Impact Summary:

Based on topography alone, turbines have the potential to be visible in up to two (2) 60 degree sectors, which is deemed acceptable in accordance with the Bulletin. It is noted that existing vegetation is likely to screen the majority of views from this location. A combination of existing scattered vegetation to the south and north of the dwelling in addition to farm buildings to the west will screen the majority of views towards the Project from this dwelling. There are no key landscape features impacted by the Project. It is determined that the Visual Impact Rating for this dwelling is **LOW**.

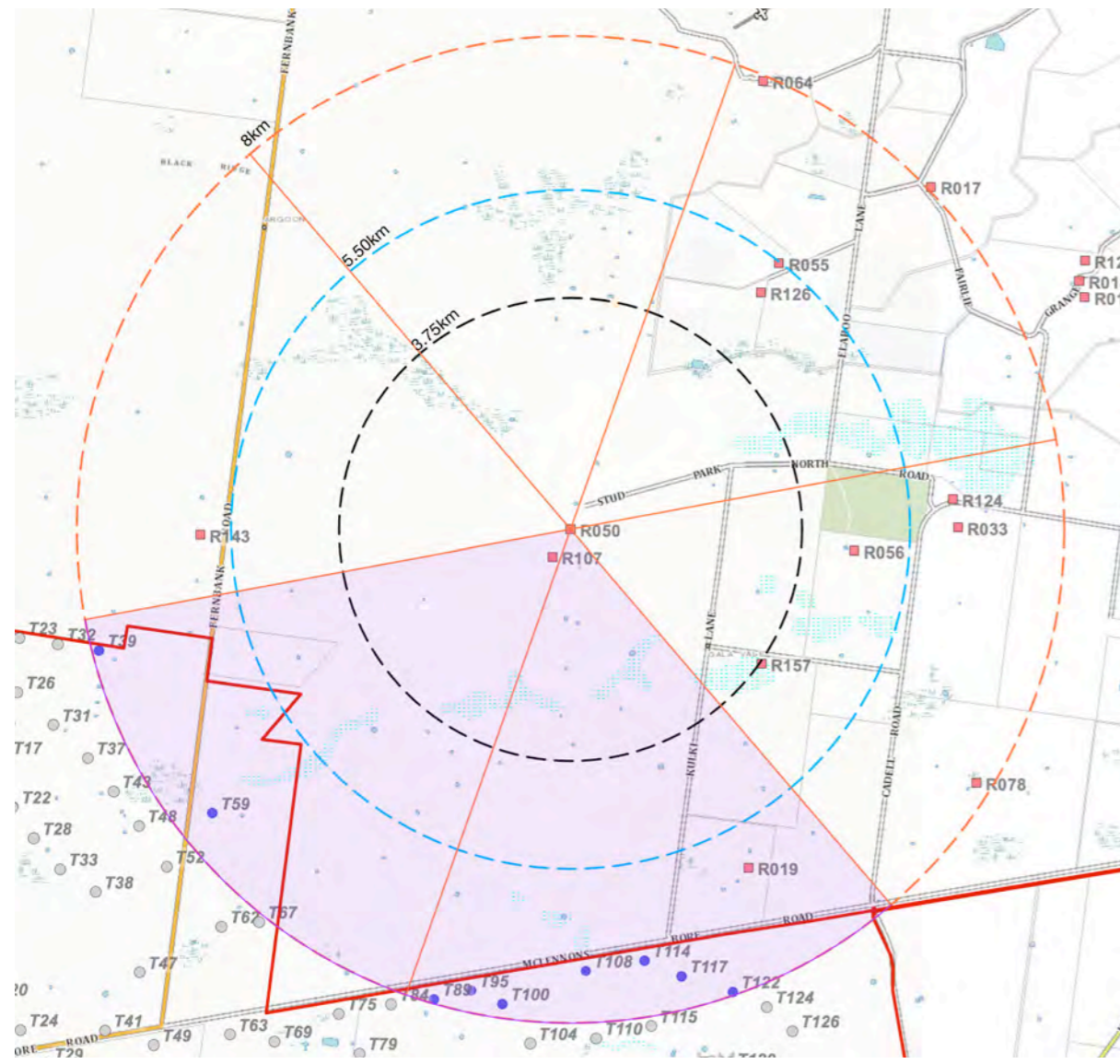
Visual Performance Objectives Evaluation (VIZ3):

Multiple Wind Turbine Effect: Based on topography alone, turbines have the potential to be visible in up to two (2) 60 degree sectors which is deemed acceptable in accordance with the Bulletin.

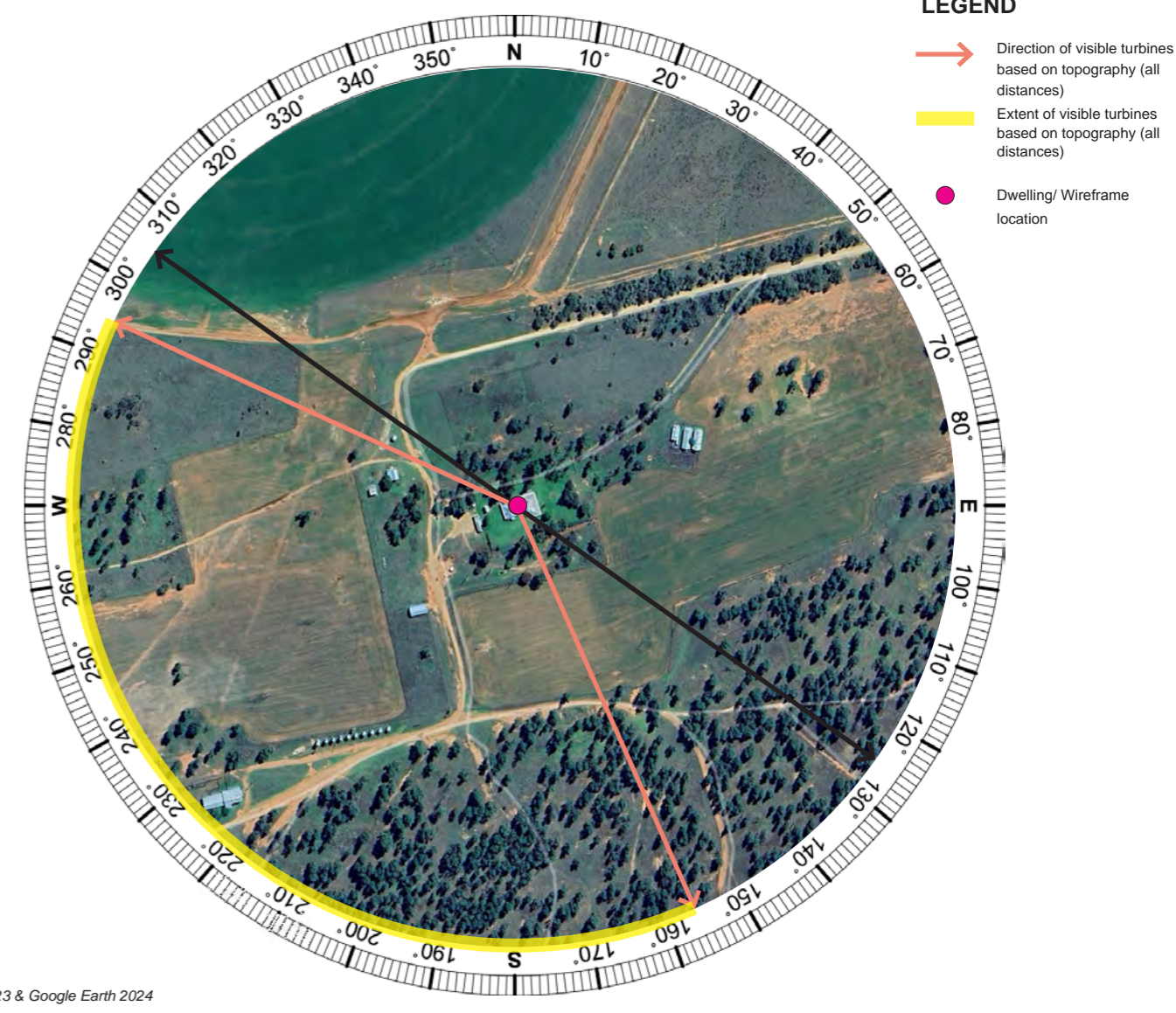
Mitigation Measures:

Mitigation Measures are not deemed necessary from this dwelling due to the existing screen factors.

Visual Impact Rating: LOW



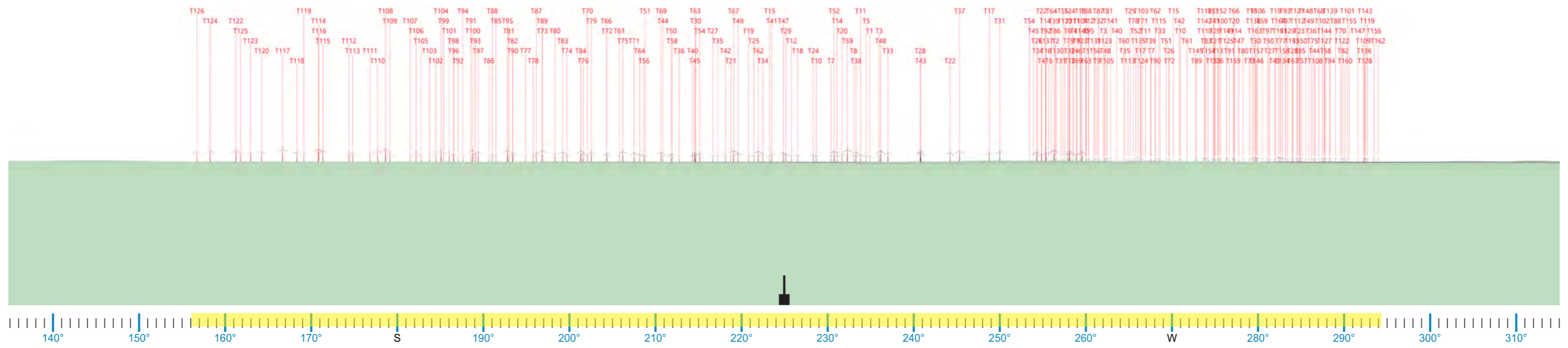
- LEGEND**
- 280 m Turbine within 8,000 m
 - Turbine located in excess of 8,000 m
 - Non-associated Dwellings
 - Associated Dwellings
 - - - 3,750 m from nearest turbine (Black Line)
 - - - 5,500 m from nearest turbine (Blue Line)
 - - - 8,000 m from nearest turbine
 - 60° sector
 - 60° sector with turbines
 - Turbine associated with YDWF



- LEGEND**
- Direction of visible turbines based on topography (all distances)
 - Extent of visible turbines based on topography (all distances)
 - Dwelling/ Wireframe location

Aerial image sources: ESRI Topographic Maps 2023 & Google Earth 2024

C.17. Dwelling Assessment R050 Four Corners Road, Argoon NSW



Proposed Wire Frame Diagram - 180 degree field of view

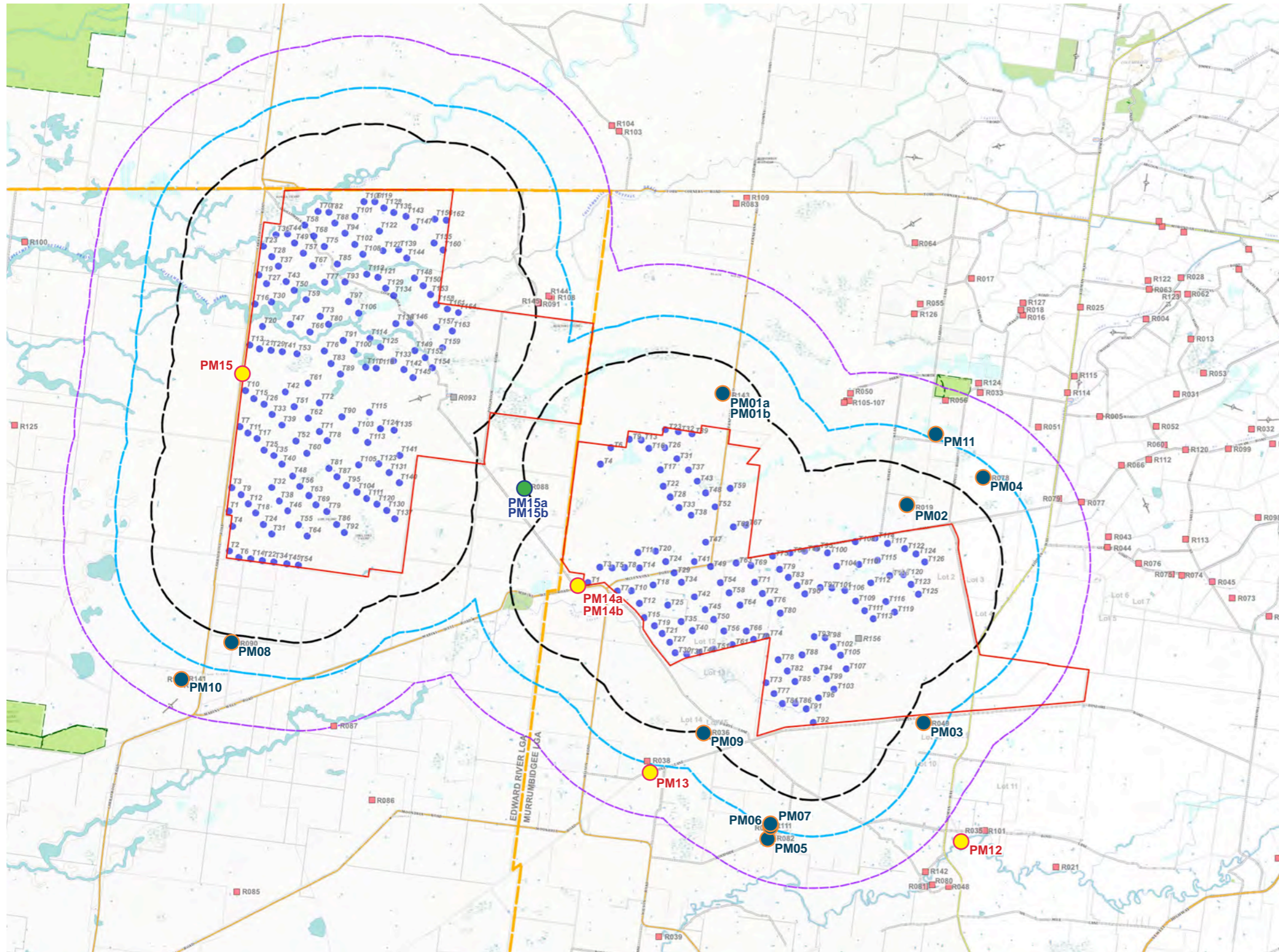
LEGEND
Extent of Turbines based on topography (all distances)

D

Photomontages and Wireframes

Photomontage Locations

Refer to Section 10.0



LEGEND

- Project Boundary
- Proposed Turbines
- National Parks
- Associated dwellings
- Non - associated dwellings
- Roads
- Major Highway
- Major Watercourses
- 3,750m from nearest turbine
- 5,500m from nearest turbine
- 8,000m from nearest turbine
- Private Photomontage Locations
- Public Photomontage Locations
- LiDar Overlay Locations

Photomontage Locations (imagery source: ESRI, 2024)



Private Photomontages

PM01a

Photomontage 01a - Dwelling R143

Location:

823 Fernbank Road, Argoon NSW

Photograph Date and Time:

1st August 2023 11:48 AM

Coordinates:

34°56'49.28"S 145°39'27.81"E

Distance to Nearest Visible WTG:

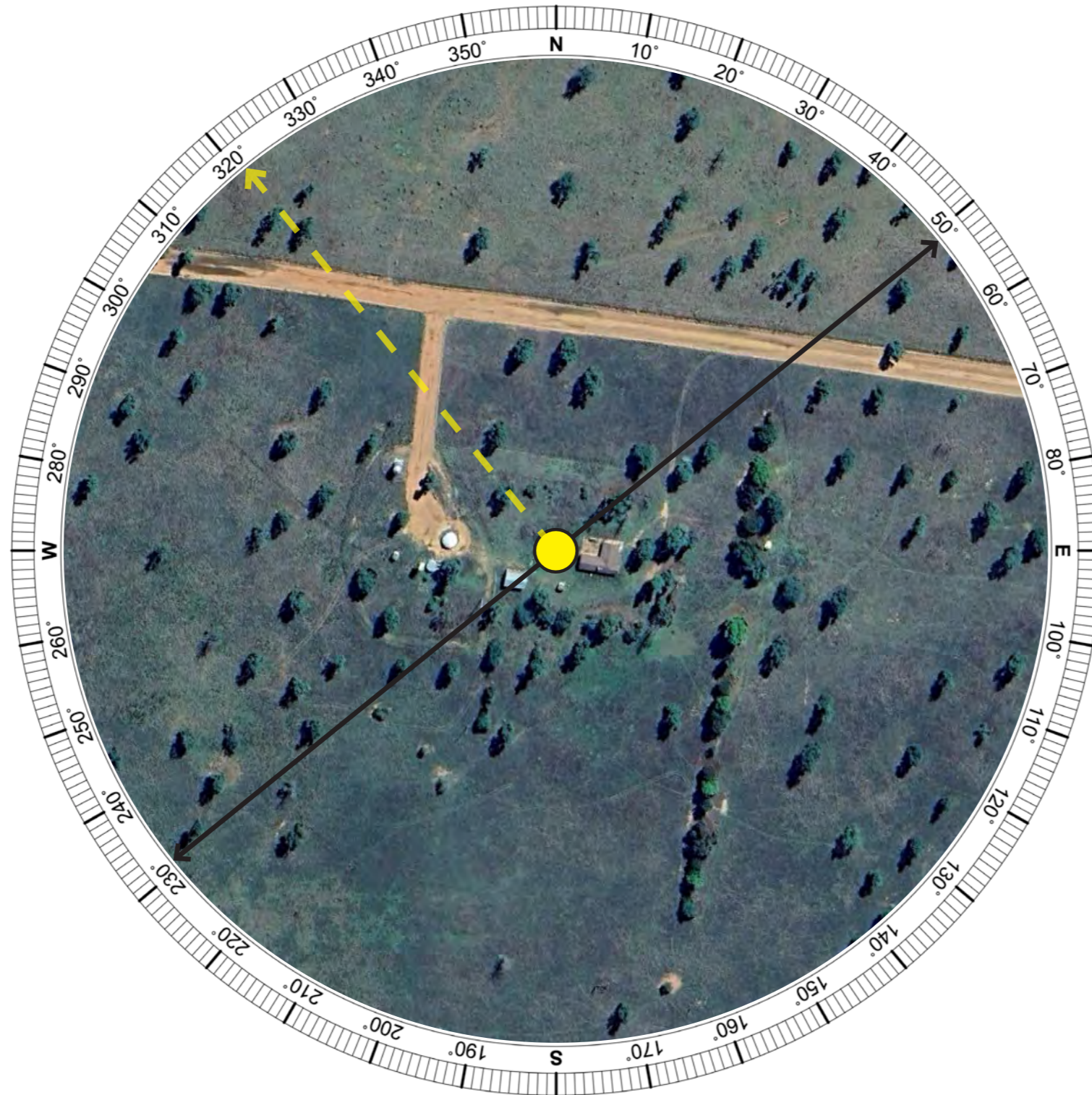
2.90 km

Viewing Direction:

Northwest

Elevation:

115.5 m



Aerial Image Source: Google Earth 2024

PM01a 823 Fernbank Road, Argoon NSW



Existing View | 180° Baseline Panorama



Proposed View | 180° Panorama

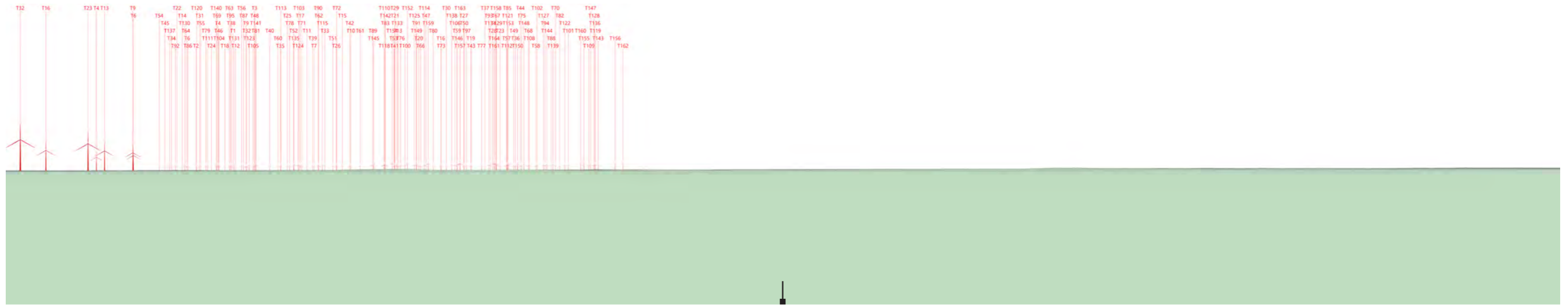
PM01a 823 Fernbank Road, Argoon NSW

Refer to 60° Cropped (A)

Refer to 60° Cropped (B)



Proposed View | 180° Panorama



Wireframe Diagram

PM01a 823 Fernbank Road, Argoon NSW



Proposed View | 60° Cropped (A)

PM01a 823 Fernbank Road, Argoon NSW



Proposed View | 60° Cropped (B)

PM01b

Photomontage 01b - Dwelling R143

Location:

823 Fernbank Road, Argoon NSW

Photograph Date and Time:

1st August 2023 11:48 AM

Coordinates:

34°56'49.28"S 145°39'27.81"E

Distance to Nearest Visible WTG:

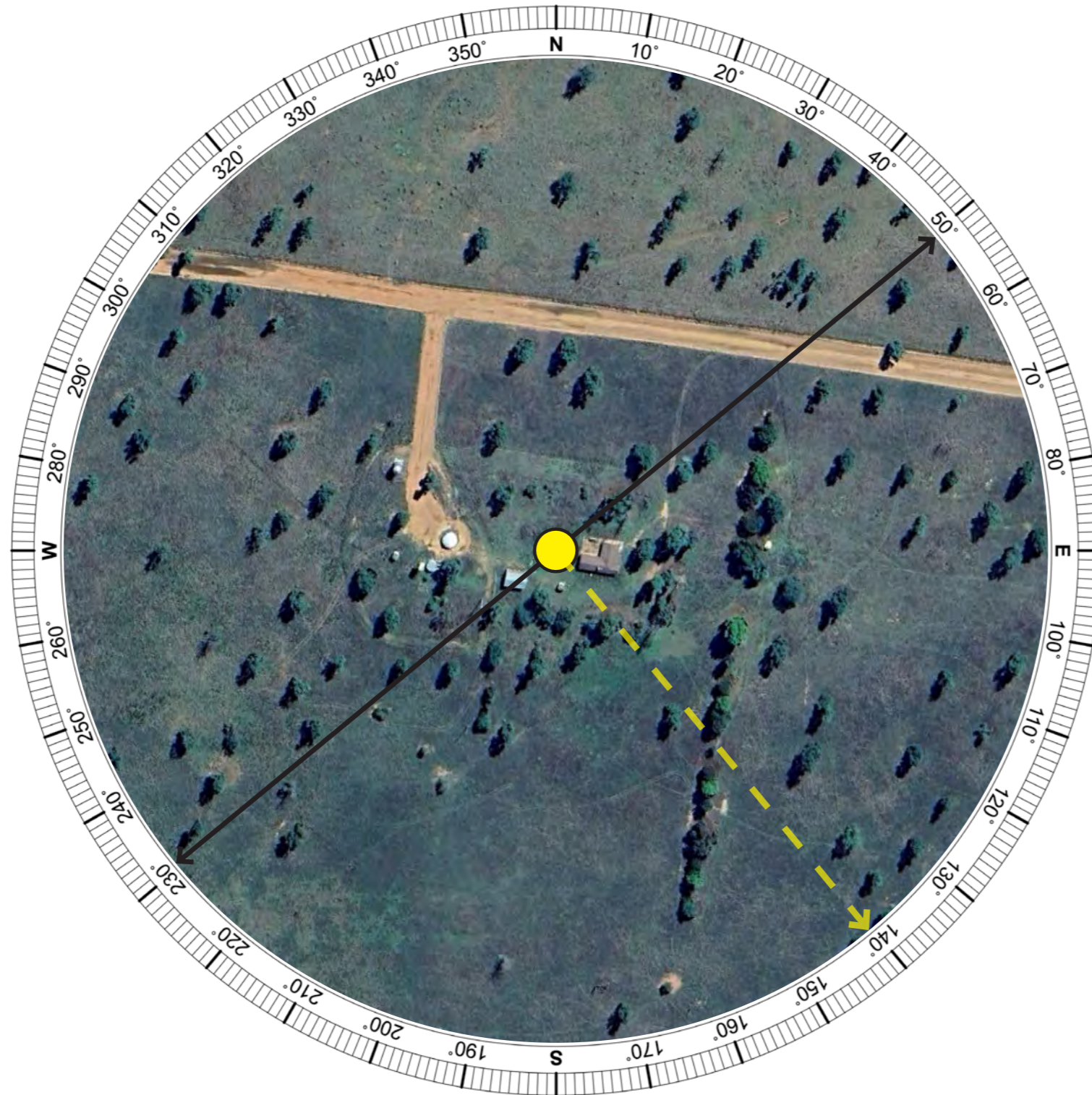
2.49 km

Viewing Direction:

Southeast

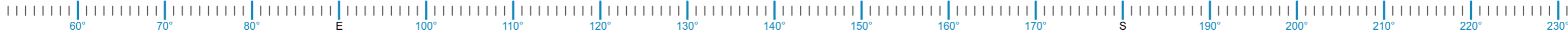
Elevation:

115.5 m



Aerial Image Source: Google Earth 2024

PM01b 823 Fernbank Road, Argoon NSW

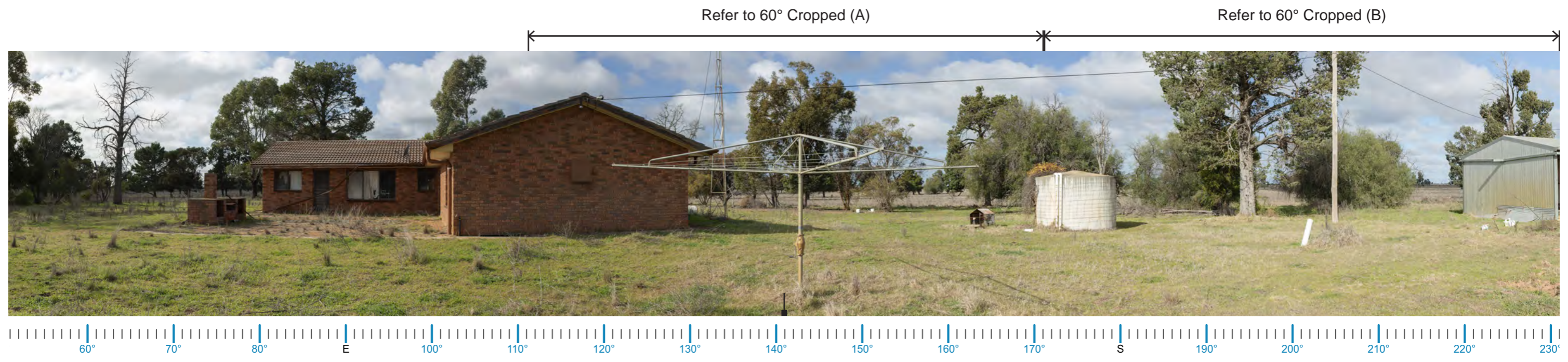


Existing View | 180° Baseline Panorama

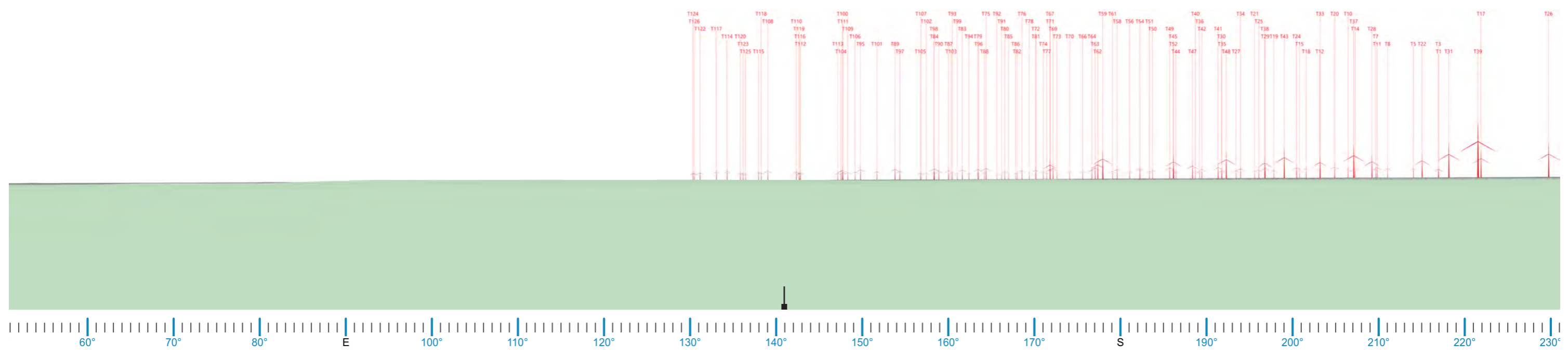


Proposed View | 180° Panorama

PM01b 823 Fernbank Road, Argoon NSW



Proposed View | 180° Panorama



Wireframe Diagram

PM01b 823 Fernbank Road, Argoon NSW



Proposed View | 60° Cropped (A)

PM01b 823 Fernbank Road, Argoon NSW



Proposed View | 60° Cropped (B)

PM02

Photomontage 02 - Dwelling R019

Location:

Mclennons Bore Road, Gala Vale NSW

Photograph Date and Time:

1st August 2023 10:54 AM

Coordinates:

34°59'49.02"S 145°45'15.51"E

Distance to Nearest Visible WTG:

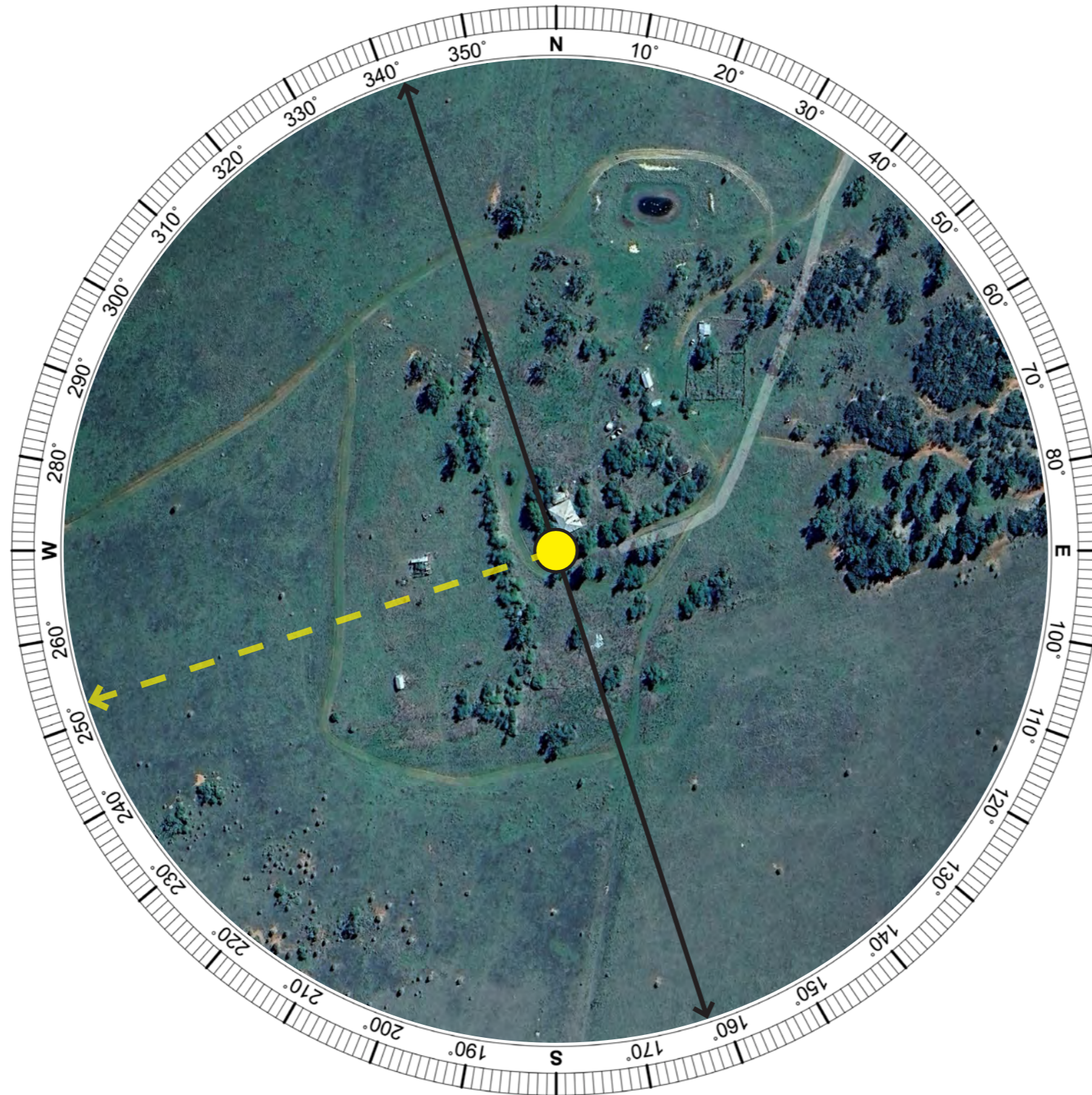
2.01 km

Viewing Direction:

Southwest

Elevation:

116.3 m



Aerial Image Source: Google Earth 2024

PM02 Mclennons Bore Road, Gala Vale NSW



Existing View | 180° Baseline Panorama



Proposed View | 180° Panorama

PM02 Mclennons Bore Road, Gala Vale NSW

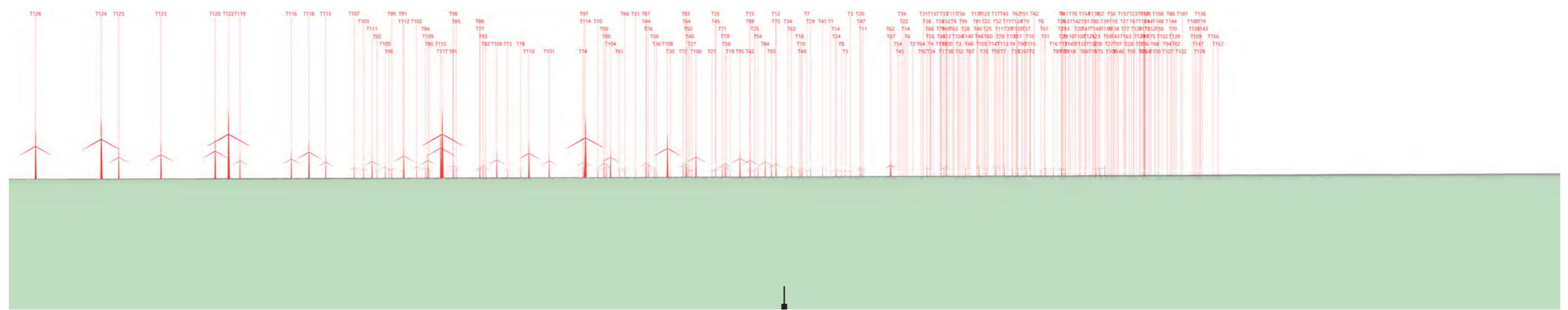
Refer to 60° Cropped (A)

Refer to 60° Cropped (B)

Refer to 60° Cropped (C)



Proposed View | 180° Panorama



Wireframe Diagram

PM02 Mclennons Bore Road, Gala Vale NSW



Proposed View | 60° Cropped (A)

PM02 Mclennons Bore Road, Gala Vale NSW



Proposed View | 60° Cropped (B)

PM02 Mclennons Bore Road, Gala Vale NSW



Proposed View | 60° Cropped (C)

PM03

Photomontage 03 - Dwelling R049

Location:

211 Liddles Lane, Jerilderie NSW

Photograph Date and Time:

2nd August 2023 11:10 AM

Coordinates:

35° 5'26.70"S 145°45'41.87"E

Distance to Nearest Visible WTG:

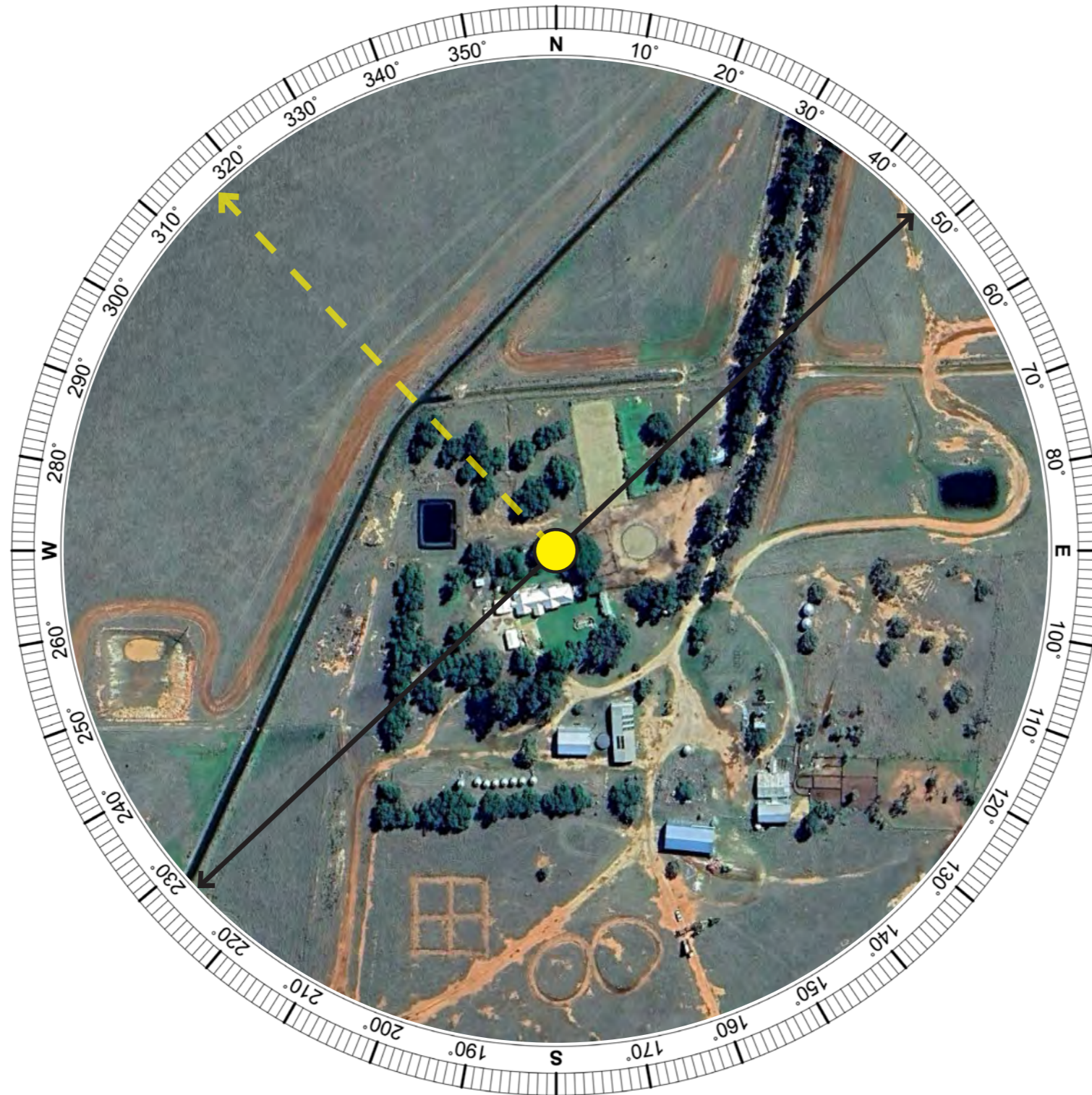
4.67 km

Viewing Direction:

Northwest

Elevation:

114.3 m



Aerial Image Source: Google Earth 2024

PM03 211 Liddles Lane, Jerilderie NSW



Existing View | 180° Baseline Panorama

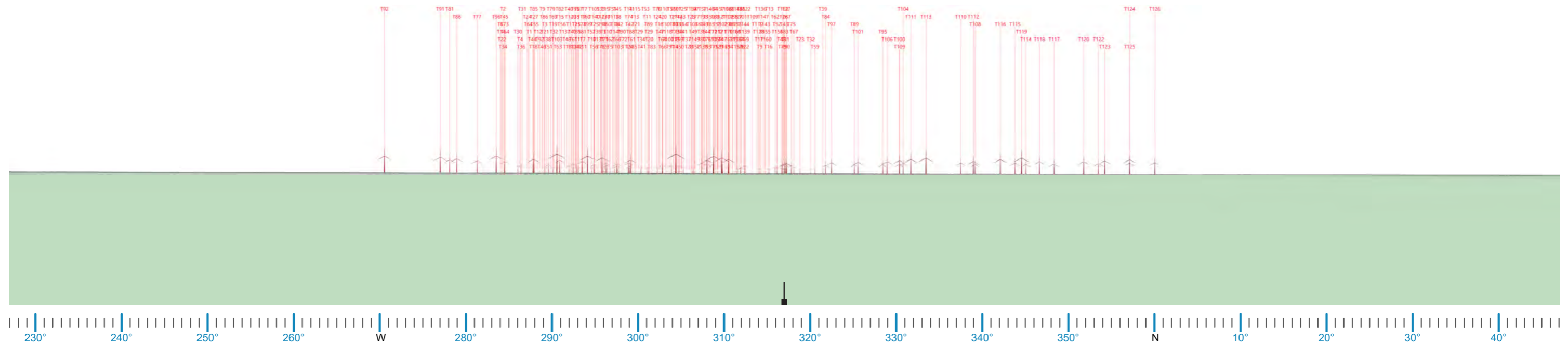


Proposed View | 180° Panorama

PM03 211 Liddles Lane, Jerilderie NSW



Proposed View | 180° Panorama



Wireframe Diagram

PM03 211 Liddles Lane, Jerilderie NSW



Proposed View | 60° Cropped (A)

PM03 211 Liddles Lane, Jerilderie NSW



Proposed View | 60° Cropped (B)

PM04

Photomontage 04 - Dwelling R078

Location:

884 Cadell Road, Gala Vale NSW

Photograph Date and Time:

1st August 2023 9:59 AM

Coordinates:

34° 59'04.30"S 145° 47'43.51"E

Distance to Nearest Visible WTG:

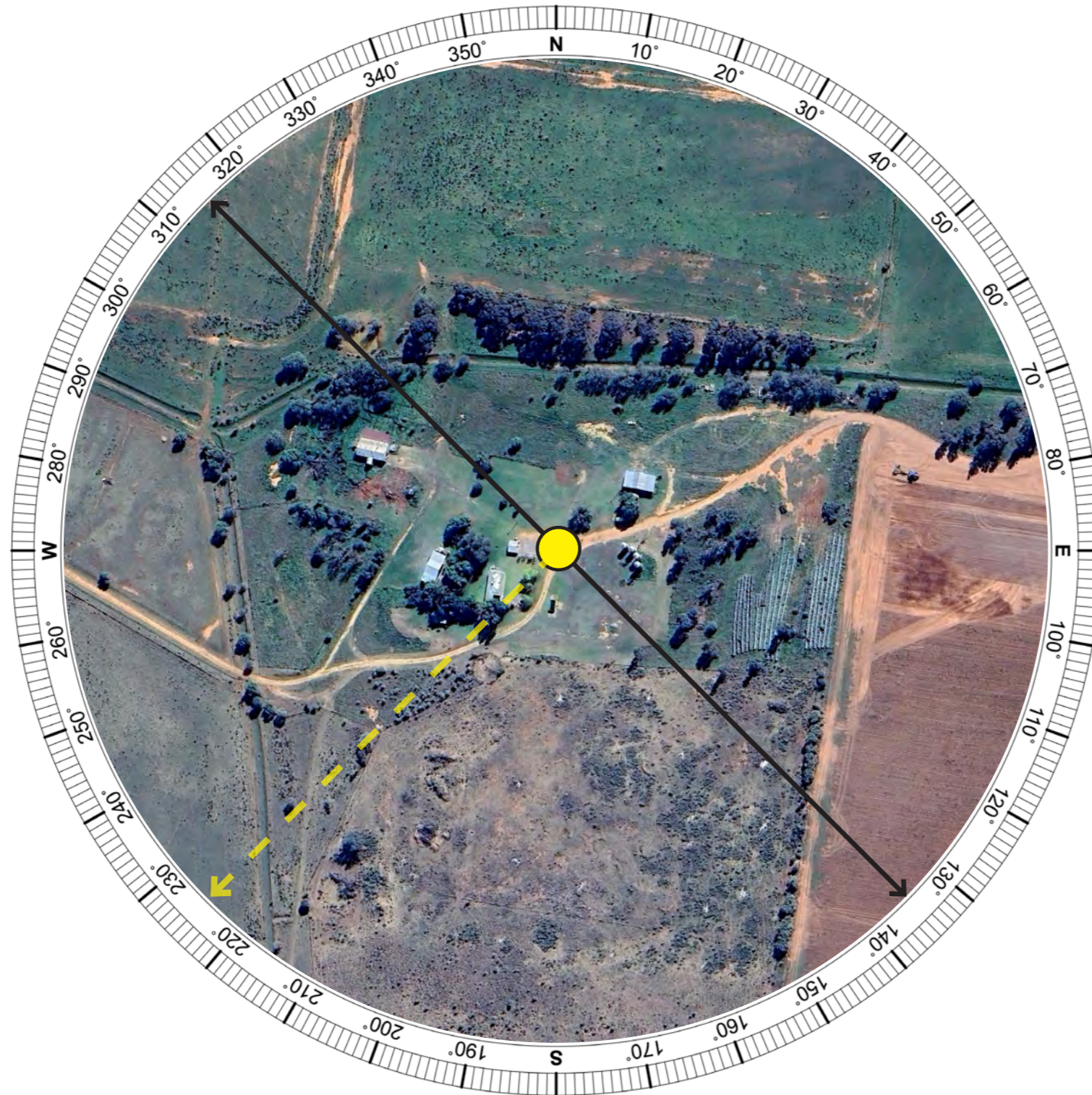
5.02 km

Viewing Direction:

Southwest

Elevation:

117.6 m



Aerial Image Source: Google Earth 2024

PM04 884 Cadell Road, Gala Vale NSW



Existing View | 180° Baseline Panorama



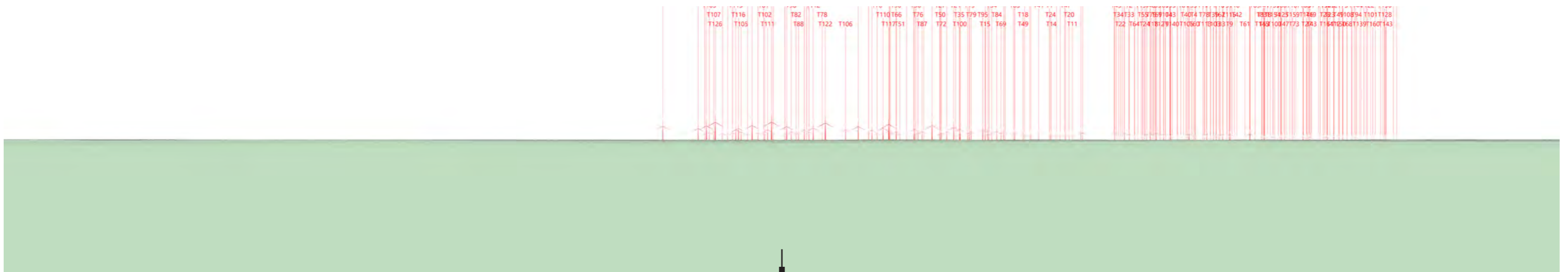
Proposed View | 180° Panorama

PM04 884 Cadell Road, Gala Vale NSW

Refer to 60° Cropped (A)



Proposed View | 180° Panorama



Wireframe Diagram

PM04 884 Cadell Road, Gala Vale NSW



Proposed View | 60° Cropped (A)

PM05

Photomontage 05 - Dwelling R082

Location:

601 Woodside Road, Jerilderie NSW

Photograph Date and Time:

2nd August 2023 11:58 AM

Coordinates:

35° 08'24.05"S 145° 40'42.62"E

Distance to Nearest Visible WTG:

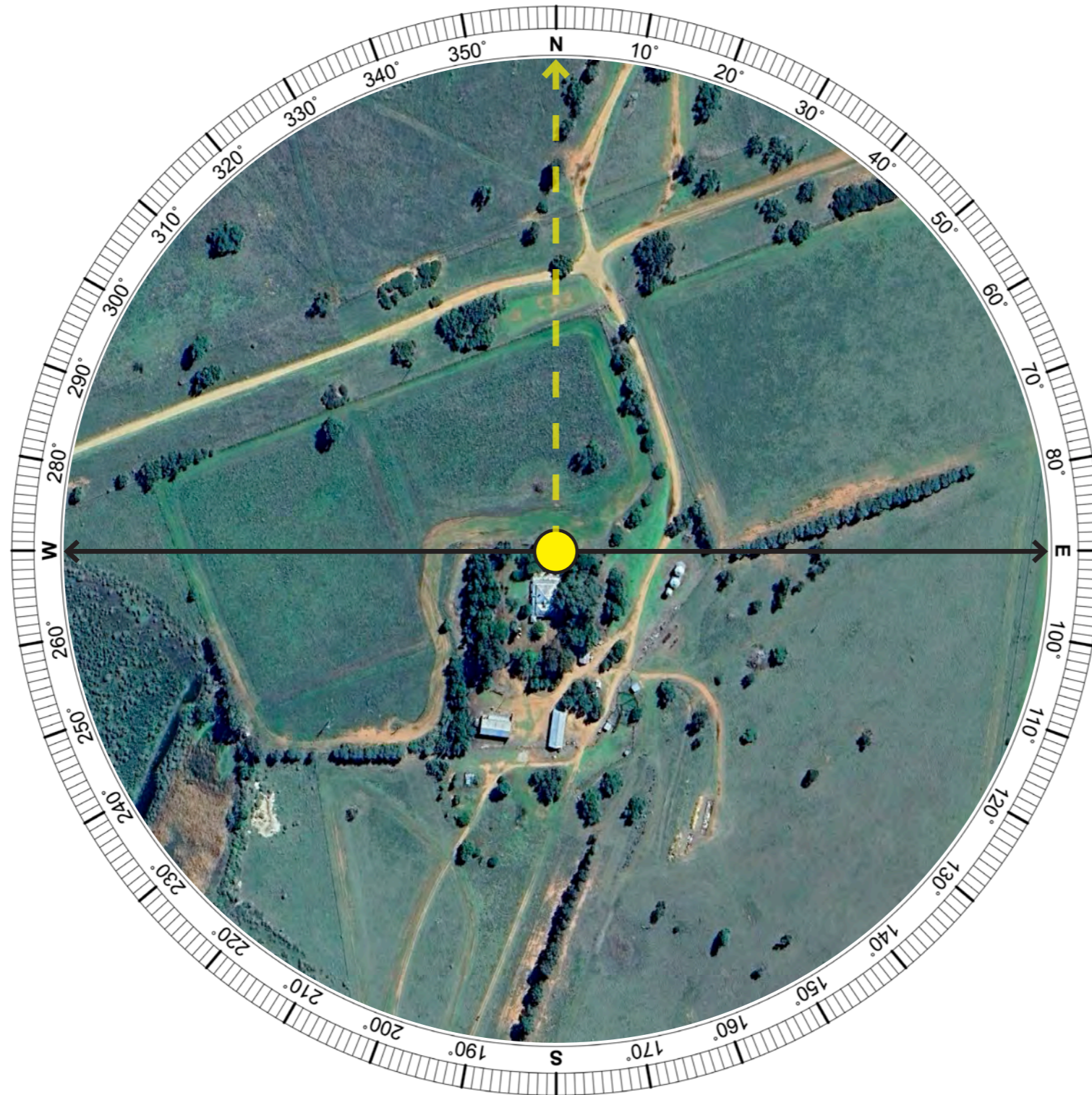
5.95 km

Viewing Direction:

North

Elevation:

111.3 m



Aerial Image Source: Google Earth 2024

PM05 601 Woodside Road, Jerilderie NSW



Existing View | 180° Baseline Panorama



Proposed View | 180° Panorama

PM05 601 Woodside Road, Jerilderie NSW

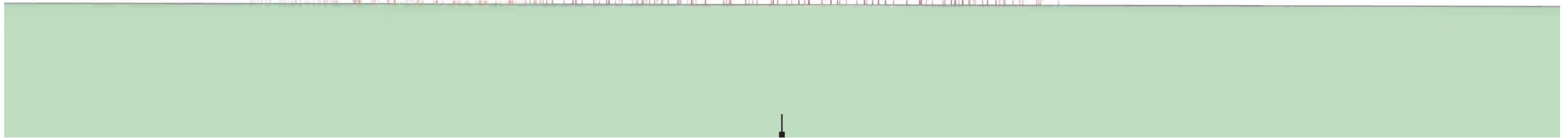
Refer to 60° Cropped (A)

Refer to 60° Cropped (B)



Proposed View | 180° Panorama

T0 T54 T9 T32 T56 T7 T815 T51 T13810 T16 T83 T391 T227913 T138009 T157153 T1431160 T27 T6 T9 T17 T50 T49 T48158 T67 T77 T87 T97 T108 T09 T117 T113
T2 T4 T1 T3 T92 T4817 T0270 T62 T2161 T12815 T028 T1417158 T78008 T1228328147 T19 T30 T14711 T20 T34 T13 T28 T23 T47 T52 T64 T69 T72 T79 T89 T90 T100 T106 T109 T111 T116
T14 T31 T64 T86 T49 T90810 T42 T7241 T11576 T028 T027168 T108804 T300461 T15 T156 T18 T44 T42 T45 T31 T43 T52 T64 T69 T72 T79 T89 T90 T100 T106 T109 T111 T116
T22 T24 T55 T69 T25 T8308 T78 T1322820 T4366 T800 T890085 T152401559T1458136 T155-T8 T36 T24 T16 T33 T38T32 T61 T62 T72 T80 T83 T95 T101 T98 T102 T105 T107 T324 T119
T34 T18 T46 T79 T55 T1047 T71 T12813753 T3827 T3918 T444275 T110027101 T18931164 T10 T21 T4 T40 T22 T41 T56 T54 T66 T74 T76 T84 T81 T88 T94 T96 T115 T118 T123
T45 T12 T38 T63 T11 T533 T105 T14803741 T8919 T880 T385745 T148121 T127 T319 T5 T12 T162 T25 T35 T29 T51 T26 T37 T39 T59 T70 T75 T84 T82 T86 T91 T114 T112 T122 T126 T125



Wireframe Diagram

PM05 601 Woodside Road, Jerilderie NSW



Proposed View | 60° Cropped (A)

PM05 601 Woodside Road, Jerilderie NSW



Proposed View | 60° Cropped (B)

PM06

Photomontage 06 - Dwelling R008

Location:

600 Woodside Road, Jerilderie NSW

Photograph Date and Time:

2nd August 2023 12:05 PM

Coordinates:

35° 08'07.51"S 145°40'43.34"E

Distance to Nearest Visible WTG:

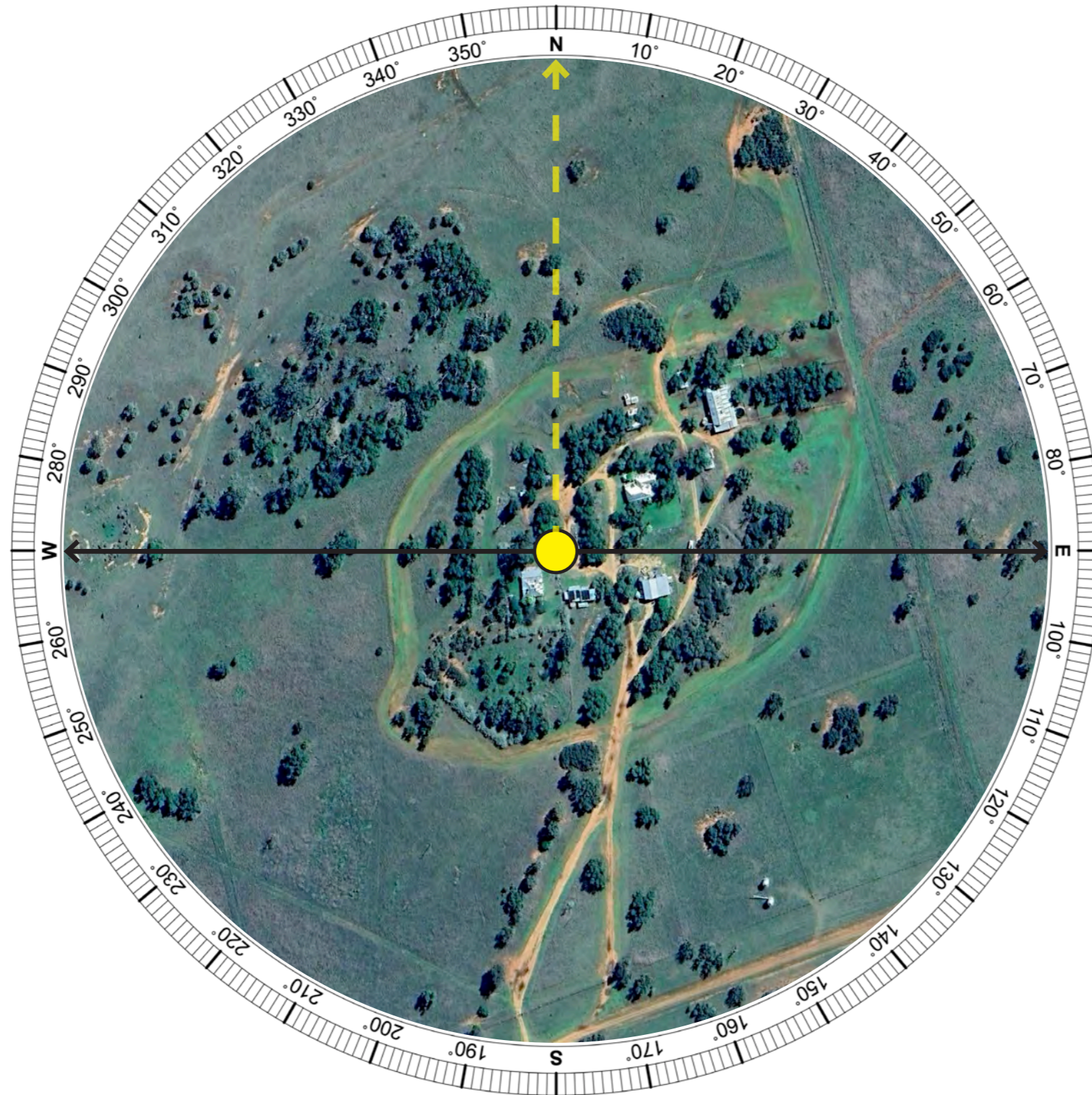
5.47 km

Viewing Direction:

North

Elevation:

111.2 m



Aerial Image Source: Google Earth 2024

PM06 600 Woodside Road, Jerilderie NSW



Existing View | 180° Baseline Panorama

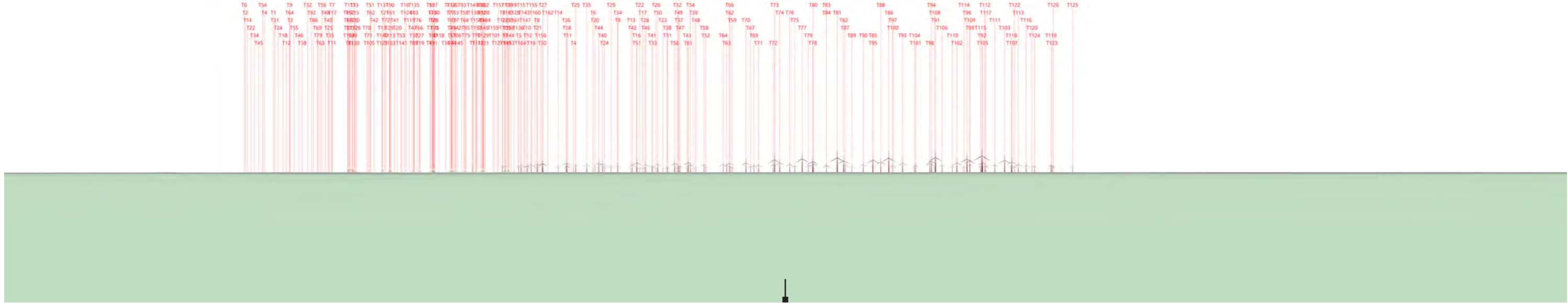


Proposed View | 180° Panorama

PM06 600 Woodside Road, Jerilderie NSW



Proposed View | 180° Panorama



Wireframe Diagram

PM07

Photomontage 07 - Dwelling R111

Location:

600 Woodside Road, Jerilderie NSW

Photograph Date and Time:

2nd August 2023 12:10 PM

Coordinates:

35° 08'05.74"S 145°40'45.40"E

Distance to Nearest Visible WTG:

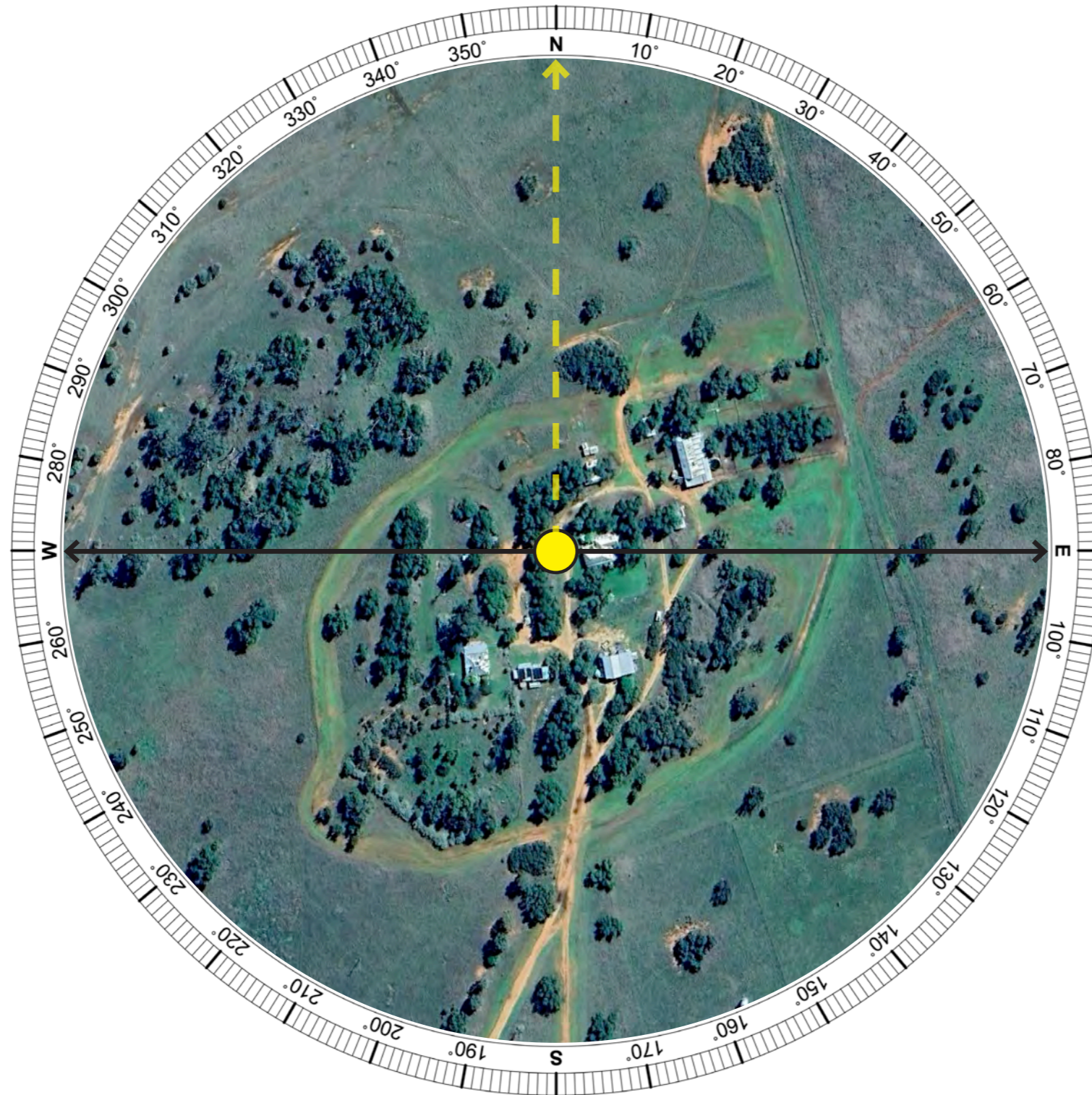
5.40 km

Viewing Direction:

North

Elevation:

111.5 m



Aerial Image Source: Google Earth 2024

PM07 600 Woodside Road, Jerilderie NSW



Existing View | 180° Baseline Panorama



Proposed View | 180° Panorama

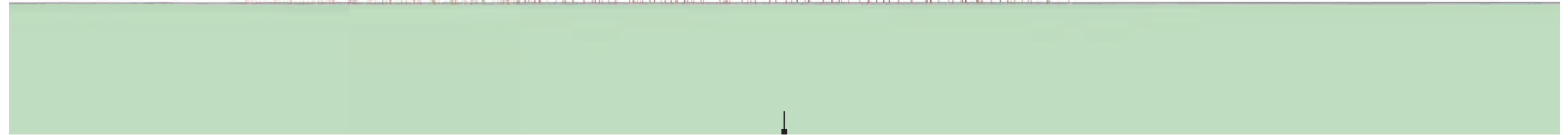
PM07 600 Woodside Road, Jerilderie NSW

Refer to 60° Cropped (A)



Proposed View | 180° Panorama

76 754 764 732 756 77 71133 751 713790 716730 7307 710679371480862 715708971647155156 74 729 722 726 732 754 766 772 790 783 788 794 7114 7112 7122 7126 7125
 72 74 71 70 792 748717 795215 762 72761 712483 7393 7093 75871387808 721835711437160 7162 725 73576 734 717 750 749 739 762 774 776 784781 786 791 796 7117 7113
 714 731 73 786 743 748030 742 72741 711976 7138 7097 748 71549384 71022028714721 714 720 79 713 745 723 757 748 759 770 775 782 797 7108 799 7111 7116
 722 724 755 769 725 78726 778 714071320 74766 7093 789427857103487159 7715075710 78 736 744 742 728 738 747 758 767 777 778 787 793 790785 7100 7106 7109792 7103 7120
 734 718 746 779 725 71849 771 712329 753 713527 78018 73306775 77052971071324413812 730 718 740 751 741 731 761 752 764 769 779 789 790785 793 7104 7110 7115 7118 7324 7119
 745 712 738 763 711 78130 7105 7131037141 78919 7891 7364445 7191221 71279483715 719 727 771 724 716 733 756 743 763 771 773 778 789 799 7101 796 7102 7105 7107 7123



Wireframe Diagram

PM07 600 Woodside Road, Jerilderie NSW



Proposed View | 60° Cropped (A)

PM08

Photomontage 08 - R090

Location:

Carrathool Road, Steam Plains NSW

Photograph Date and Time:

1st August 2023 12:37 PM

Coordinates:

35° 03'06.66"S 145°23'43.91"E

Distance to Nearest Visible WTG:

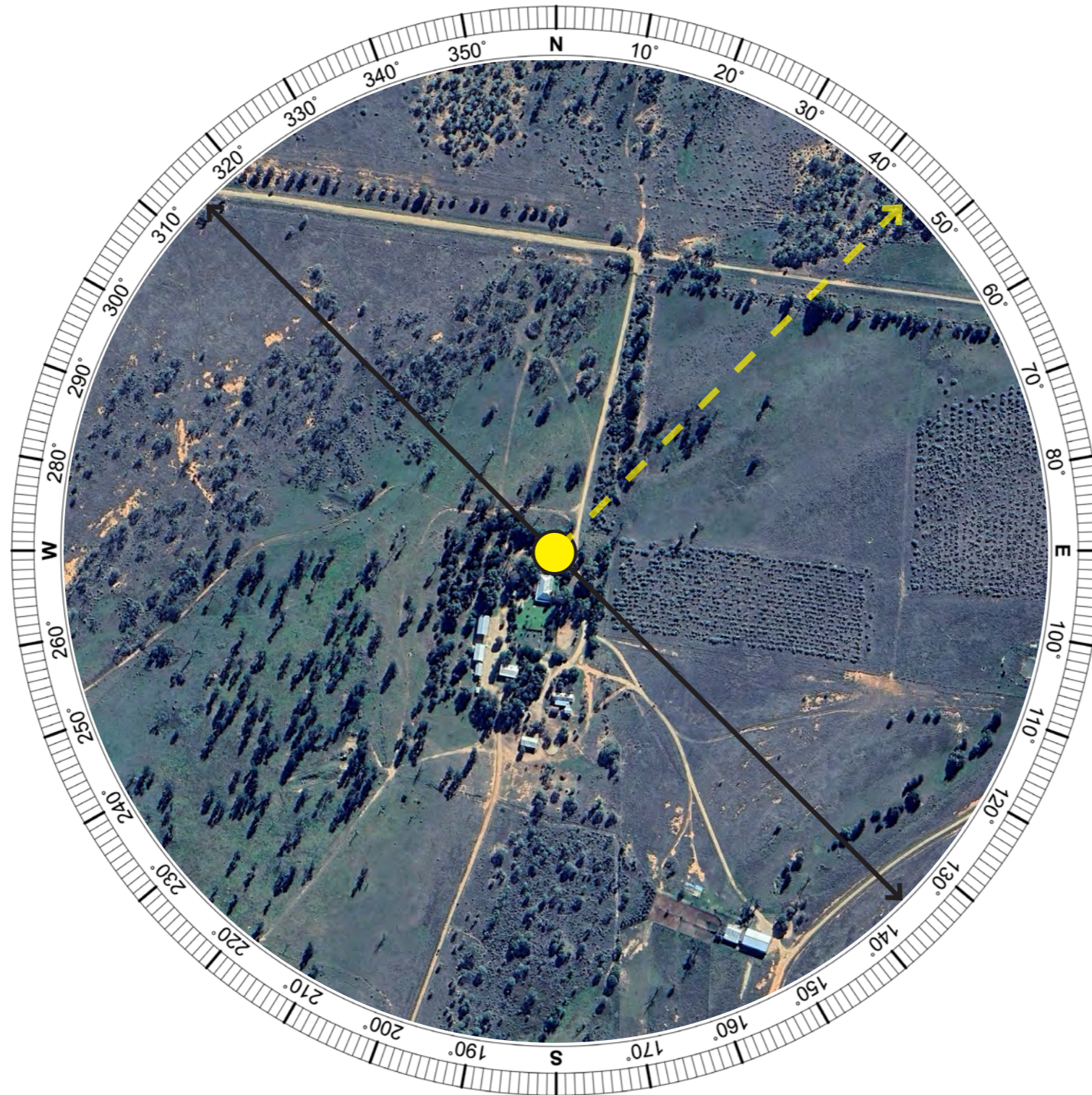
4.17 km

Viewing Direction:

Northeast

Elevation:

111.5 m



Aerial Image Source: Google Earth 2024

PM08 Carrathool Road, Steam Plains NSW

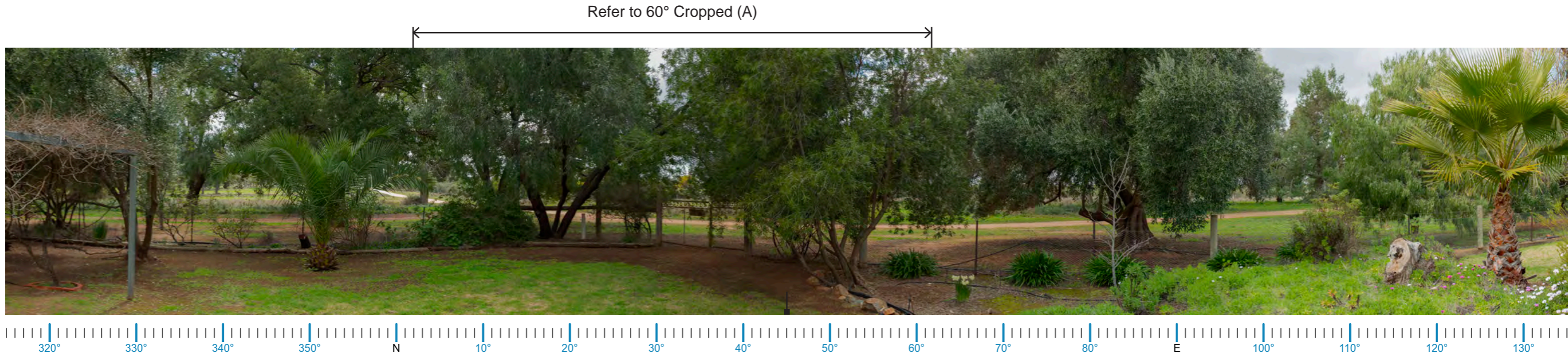


Existing View | 180° Baseline Panorama

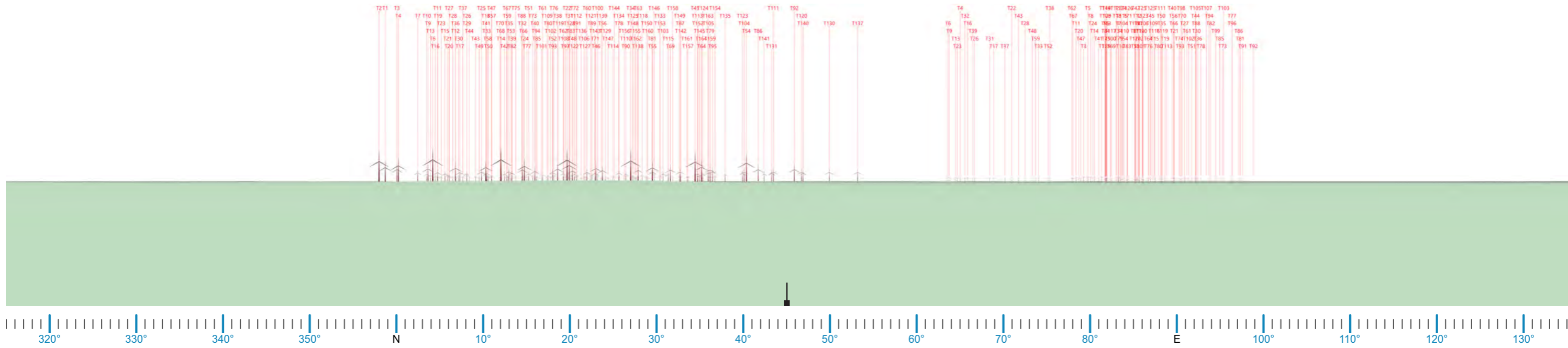


Proposed View | 180° Panorama

PM08 Carrathool Road, Steam Plains NSW



Proposed View | 180° Panorama



Wireframe Diagram

PM08 Carrathool Road, Steam Plains NSW



Proposed View | 60° Cropped (A)

PM09

Photomontage 09 - Dwelling R036

Location:

1340 Liddles Lane, Jerilderie NSW

Photograph Date and Time:

27 Mar 2024, 9:37 am

Coordinates:

35° 5'37.63"S 145°38'42.80"E

Distance to Nearest Visible WTG:

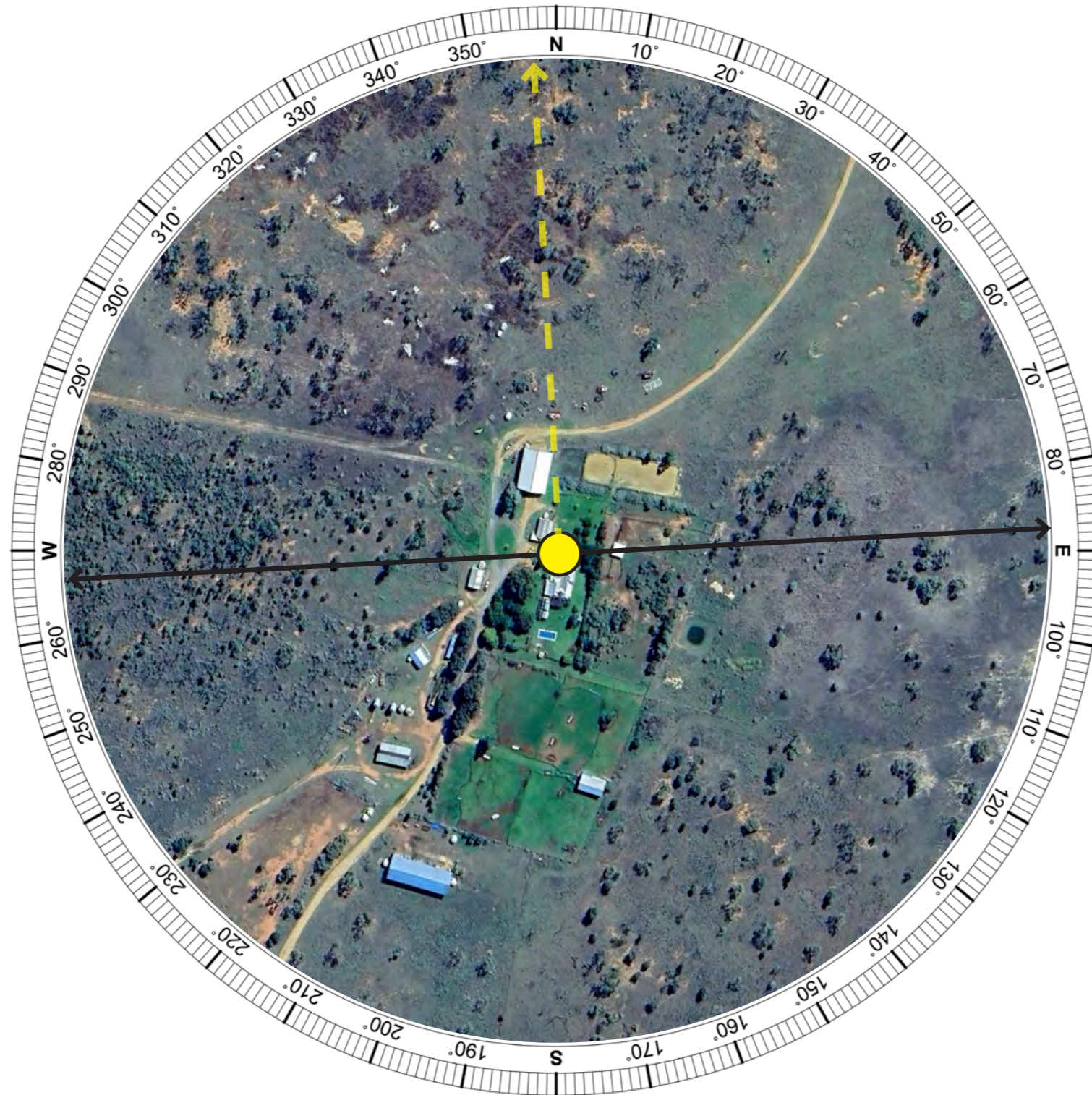
3.75 km

Viewing Direction:

North

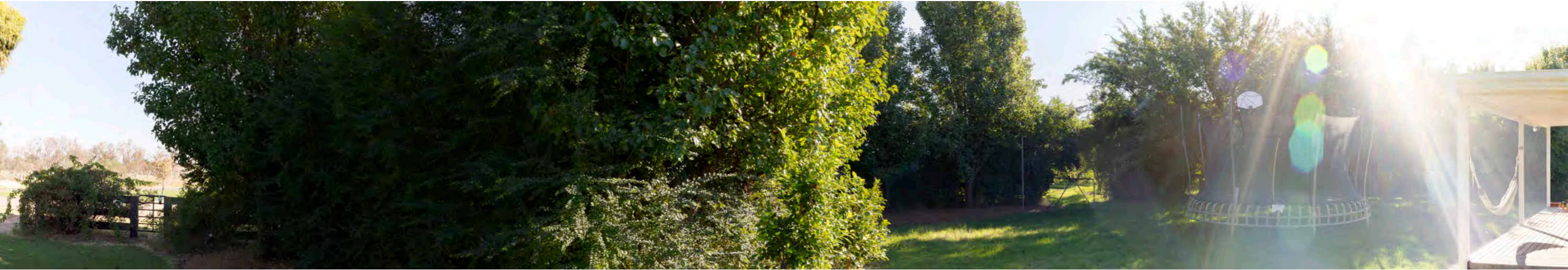
Elevation:

109.8 m

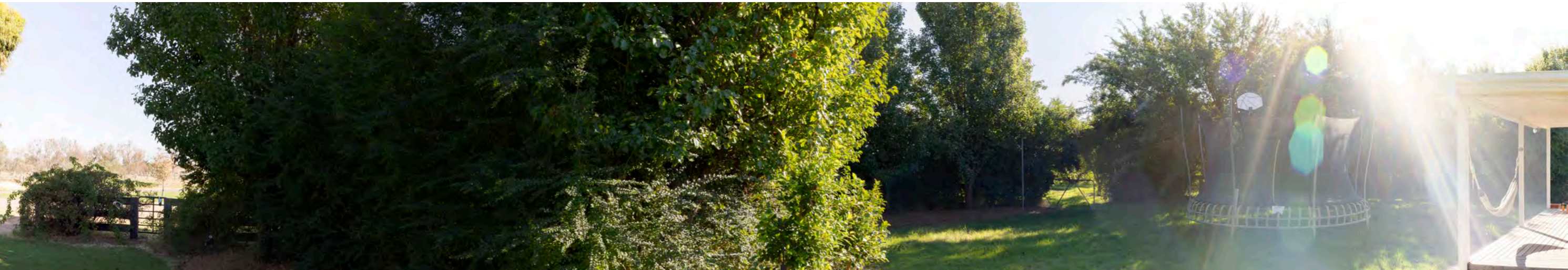


Aerial Image Source: Google Earth 2024

PM09 1340 Liddles Lane, Jerilderie NSW

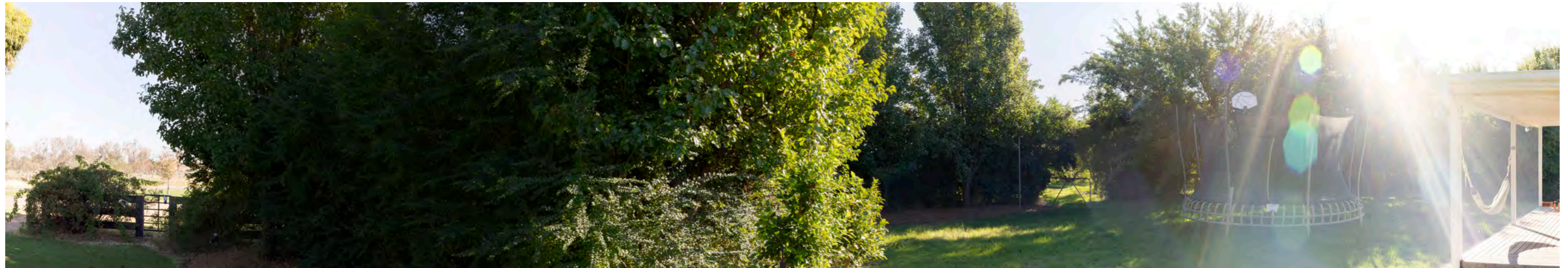


Existing View | 180° Baseline Panorama

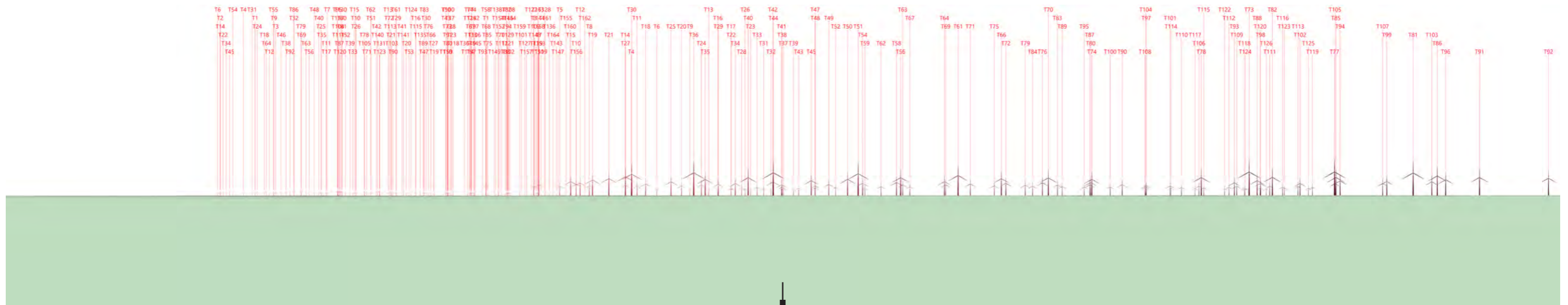


Proposed View | 180° Panorama

PM09 1340 Liddles Lane, Jerilderie NSW



Proposed View | 180° Panorama



Wireframe Diagram

PM10

Photomontage 10 - Dwelling R141

Location:

Carrathool Road, Steam Plains NSW

Photograph Date and Time:

27 Mar 2024, 10:22 am

Coordinates:

35° 4'1.78"S 145°22'11.71"E

Distance to Nearest Visible WTG:

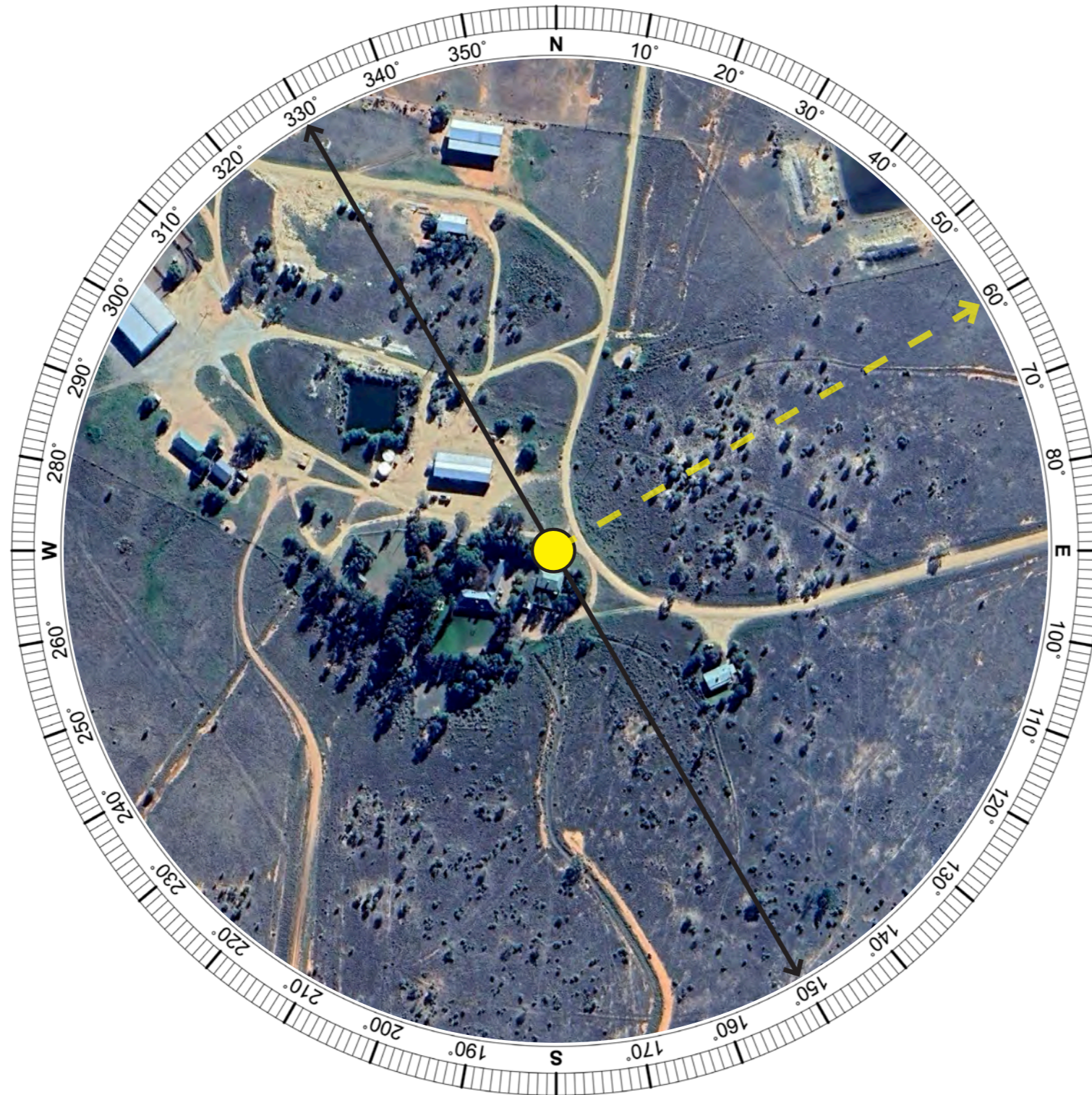
6.43 km

Viewing Direction:

Northeast

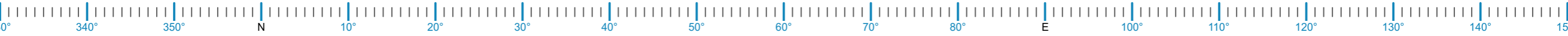
Elevation:

103.4 m

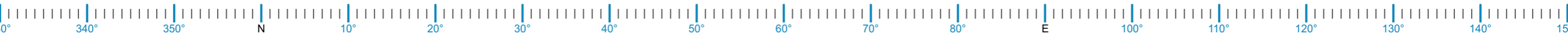


Aerial Image Source: Google Earth 2024

PM10 Carrathool Road, Steam Plains NSW



Existing View | 180° Baseline Panorama



Proposed View | 180° Panorama

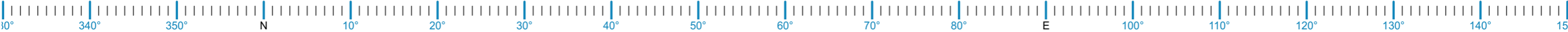
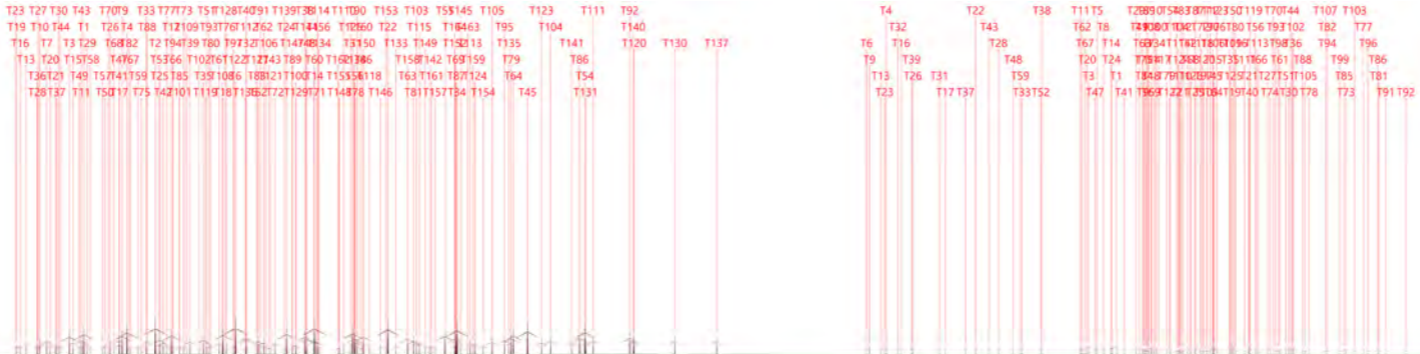
PM10 Carrathool Road, Steam Plains NSW

Refer to 60° Cropped (A)

Refer to 60° Cropped (B)



Proposed View | 180° Panorama



Wireframe Diagram

PM10 Carrathool Road, Steam Plains NSW



Proposed View | 60° Cropped (A)

PM10 Carrathool Road, Steam Plains NSW



Proposed View | 60° Cropped (B)

PM11

Photomontage 11 - Dwelling R157

Location:

Gala Vale Road, Gala Vale NSW

Photograph Date and Time:

27 Mar 2024, 10:47 am

Coordinates:

34°58'0.94"S 145°45'25.08"E

Distance to Nearest Visible WTG:

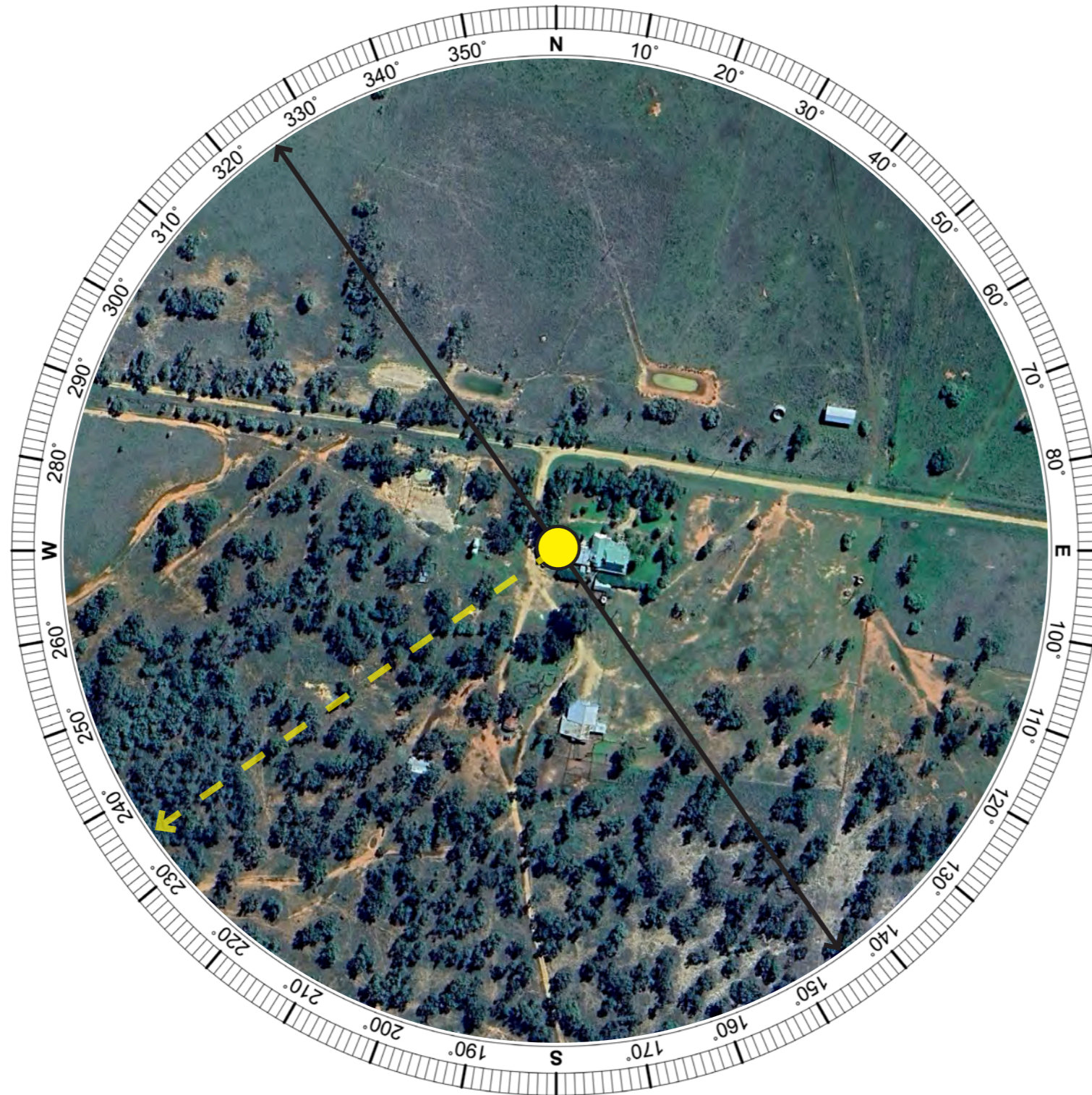
5.18 km

Viewing Direction:

Southwest

Elevation:

115.9 m



Aerial Image Source: Google Earth 2024

PM11 Gala Vale Road, Gala Vale NSW



Existing View | 180° Baseline Panorama

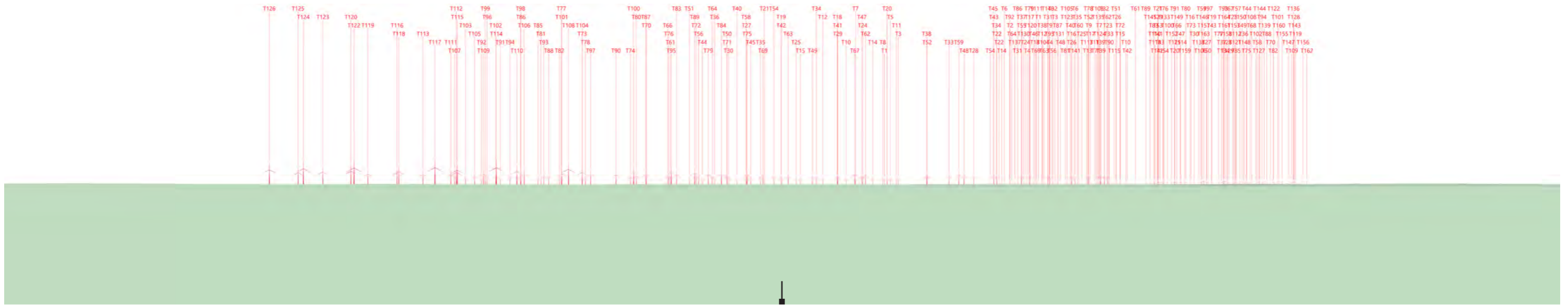


Proposed View | 180° Panorama

PM11 Gala Vale Road, Gala Vale NSW



Proposed View | 180° Panorama



Wireframe Diagram

Public Photomontages

PM12

Photomontage 12 - VP22

Location:

Carrathool Road, Steam Plains NSW

Photograph Date and Time:

24th March 2022 10:59 AM

Coordinates:

34° 56'25.88"S 145°24'06.34"E

Distance to Nearest Visible WTG:

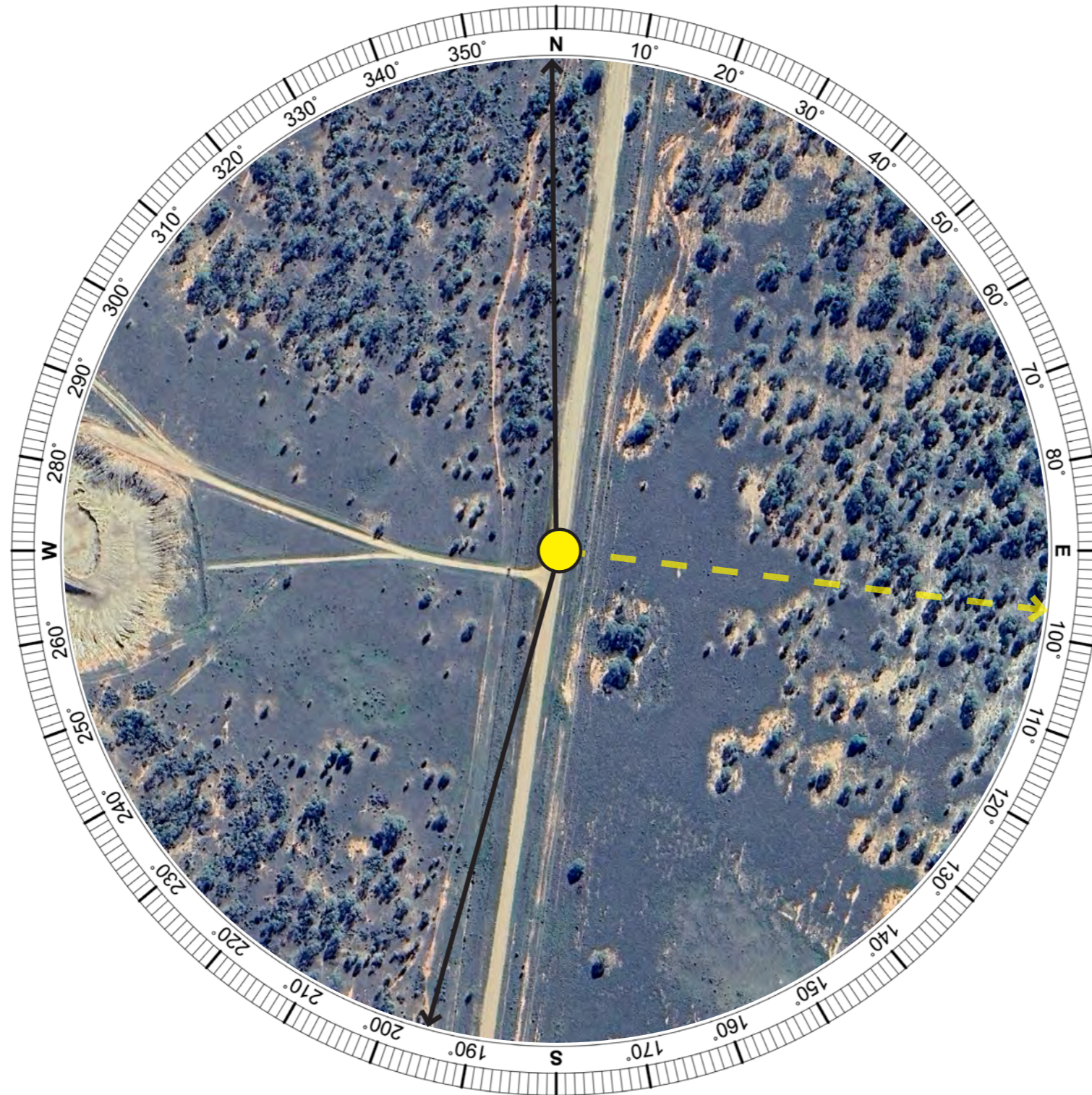
0.24 km

Viewing Direction:

East

Elevation:

105.5 m



Aerial Image Source: Google Earth 2024

PM12 Carrathool Road, Steam Plains NSW



Existing View | 195° Baseline Panorama



Proposed View | 195° Panorama

PM12 Carrathool Road, Steam Plains NSW

Refer to 65° Cropped (A)

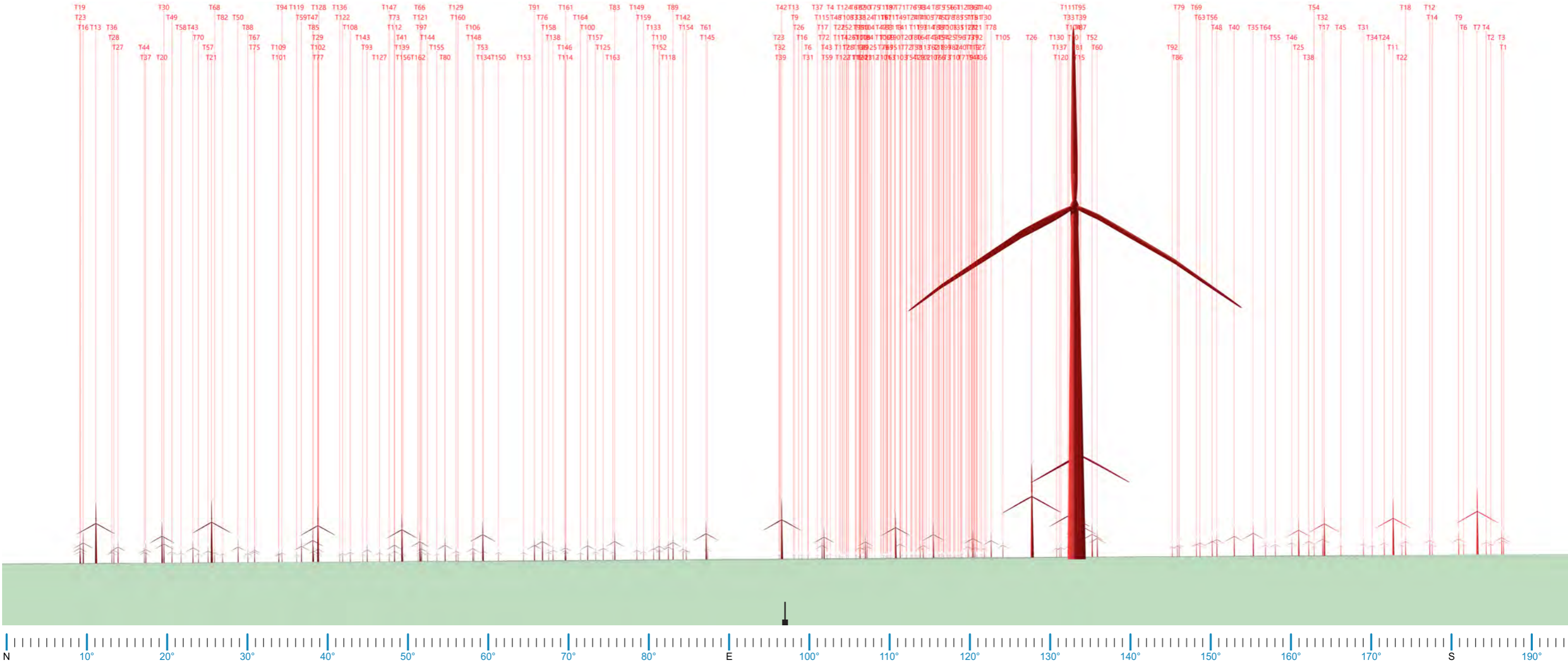
Refer to 65° Cropped (B)

Refer to 65° Cropped (C)



Proposed View | 195° Panorama

PM12 Carrathool Road, Steam Plains NSW



Wireframe Diagram - Modified image height

PM12 Carrathool Road, Steam Plains NSW



Proposed View | 65° Cropped (A)

PM12 Carrathool Road, Steam Plains NSW



Proposed View | 65° Cropped (B)

PM12 Carrathool Road, Steam Plains NSW



Proposed View | 65° Cropped (C)

PM13

Photomontage 13 - VP06

Location:

Yanco Bridge Rest Area, B87 Kidman Way, Bundure NSW

Photograph Date and Time:

20th July 2022 4:21 PM

Coordinates:

35° 08'46.21"S 145°46'20.00"E

Distance to Nearest Visible WTG:

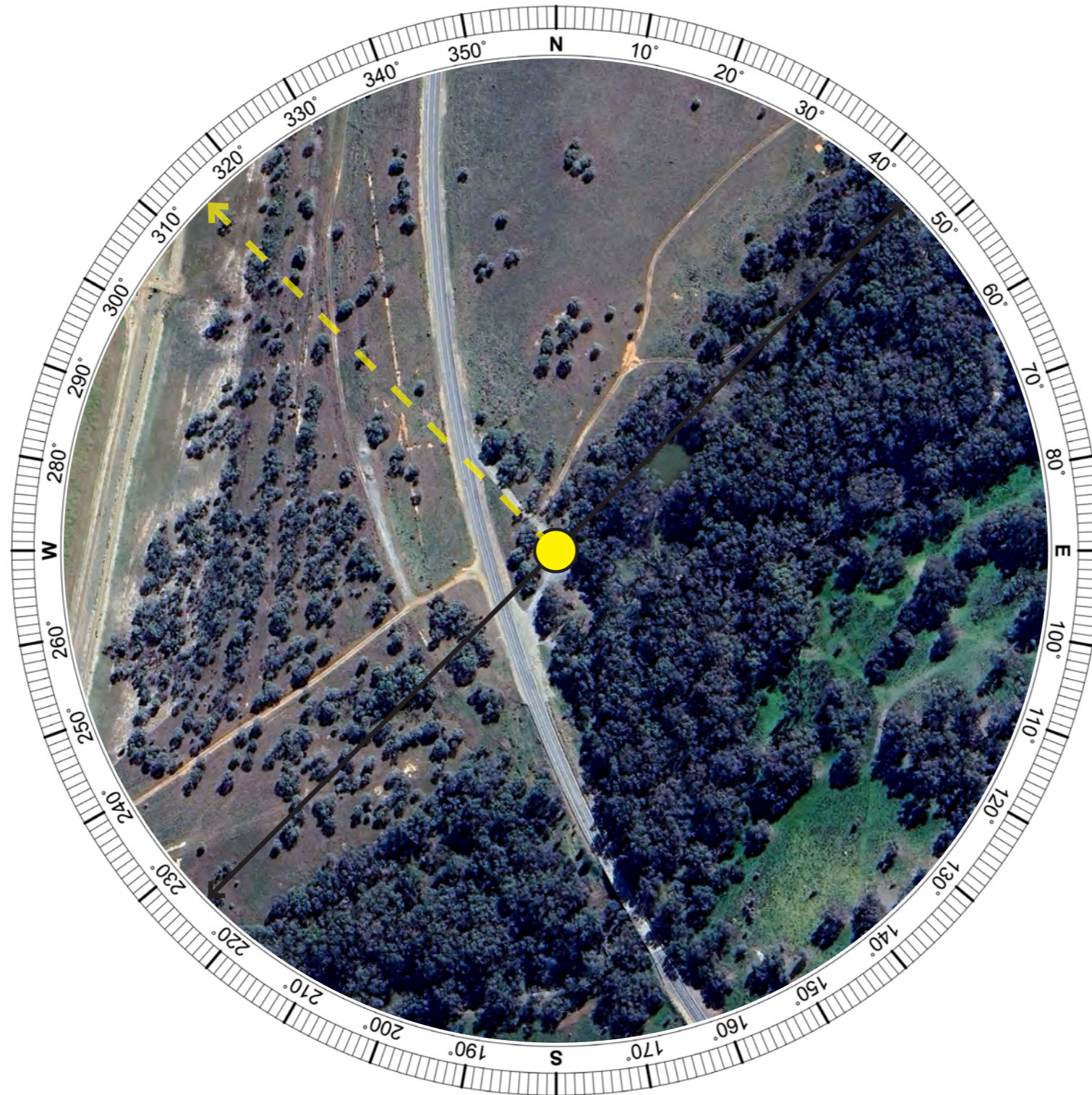
8.96 km

Viewing Direction:

Northwest

Elevation:

111.0 m



Aerial Image Source: Google Earth 2024

PM13 B87 Kidman Way, Bundure NSW



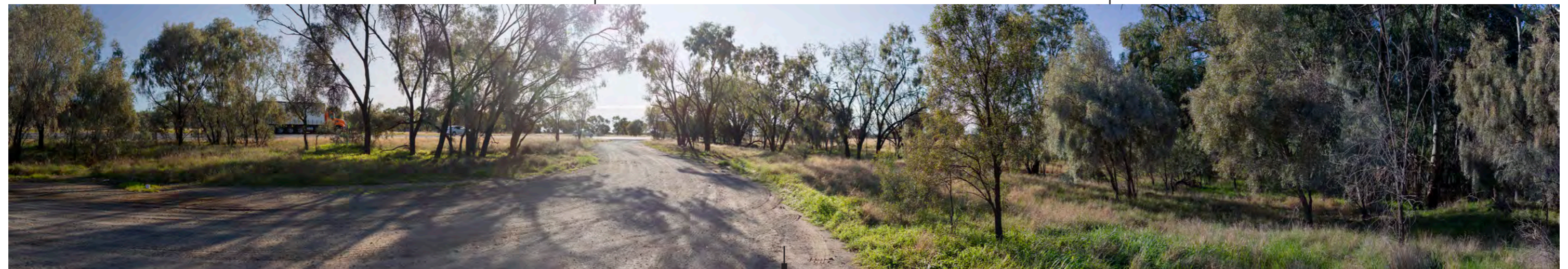
Existing View | 180° Baseline Panorama



Proposed View | 180° Panorama

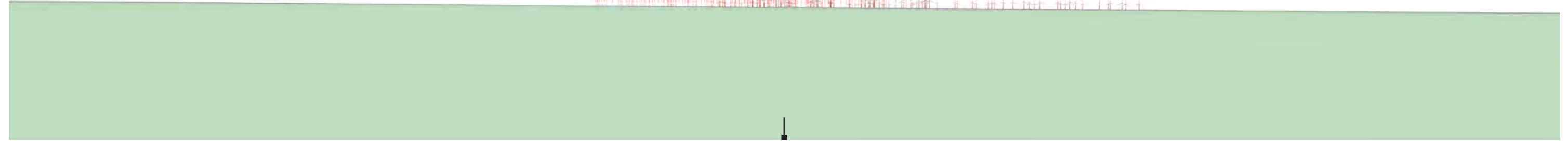
PM13 B87 Kidman Way, Bundure NSW

Refer to 60° Cropped (A)



Proposed View | 180° Panorama

T6 T54 T64 T38 T63 T102 C52 T101 23 T92 T15 T40 T9 92 T9 40 8 8 6 3 2 8 8 T4 2 2 1 3 8 4 1 5 6 1 9 T6 3 7 8 0 4 3 T93 T83 T105 T104 T112 T116 T122
T2 T4 T12 T92 T56 T195 T39 T85 T114 T3 8 8 8 9 2 T10 8 8 8 T1 4 9 8 8 8 8 2 T3 8 8 3 T4 4 T16 2 3 8 9 4 1 0 3 4 8 T67 T98 T84 T97 T109 T115 T123
T14 T31 T55 T86 T48 T120 T33 T42 T11 T12 T17 T2 2 6 0 2 2 3 7 4 3 3 T2 5 6 3 9 4 2 8 7 8 5 T2 8 1 7 7 2 2 0 5 2 T39 T87 T89 T101 T111 T114 T125
T22 T1 T9 T32 T40 T87 T19 4 0 1 8 8 0 3 3 1 6 3 0 1 9 8 3 3 2 6 4 3 8 9 4 0 1 2 8 6 4 1 9 3 6 0 T47 T13 7 8 3 1 2 3 T59 T102 T95 T113 T119 T124
T34 T24 T3 T79 T28 T81 T28 3 T10 2 4 2 0 8 3 6 6 0 8 9 2 8 8 7 4 9 5 9 8 8 8 1 5 8 5 4 1 3 6 T33 T88 T6 6 9 6 2 T79 T107 T100 T110 T118 T126
T45 T18 T46 T69 T39 0 8 0 7 1 0 6 2 T76 3 3 8 9 4 4 3 T8 0 8 0 2 3 3 2 1 4 6 2 8 4 T1 0 8 0 8 2 8 4 9 T2 2 T1 6 T9 8 3 7 T32 T75 T90 T106 T108 T117 T120



Wireframe Diagram

PM13 B87 Kidman Way, Bundure NSW



Proposed View | 60° Cropped (A)

PM14a

Photomontage 14a - VP15

Location:

Intersection of Mabins Well Road and Wilson Road,
Argoon NSW

Photograph Date and Time:

21st July 2022 12:44 PM

Coordinates:

35° 1'45.15"S 145°34'42.90"E

Distance to Nearest Visible WTG:

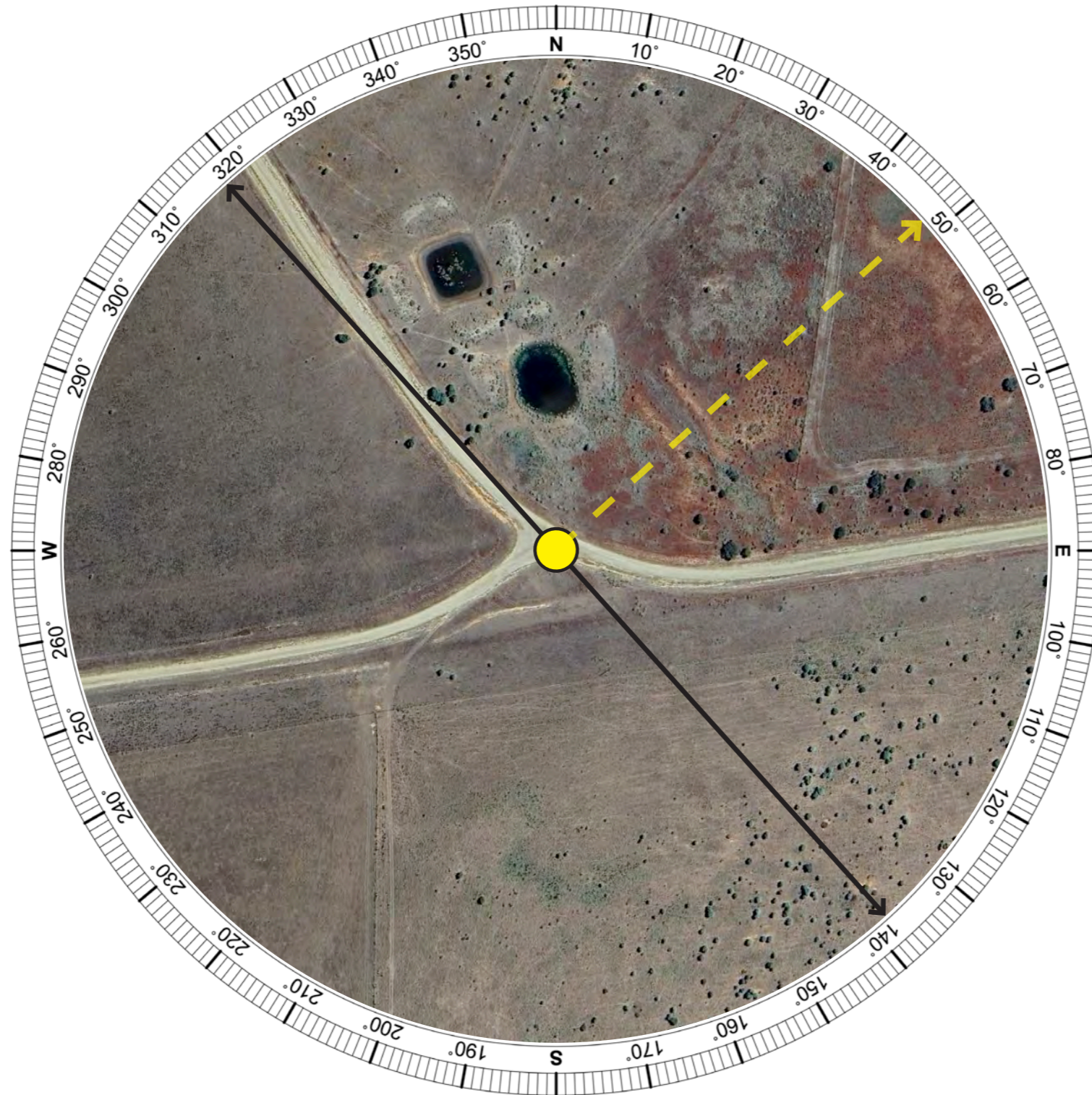
0.47 km

Viewing Direction:

Northeast

Elevation:

106.4 m



Aerial Image Source: Google Earth 2024

PM14a Intersection of Mabins Well Road and Wilson Road, Argoon NSW

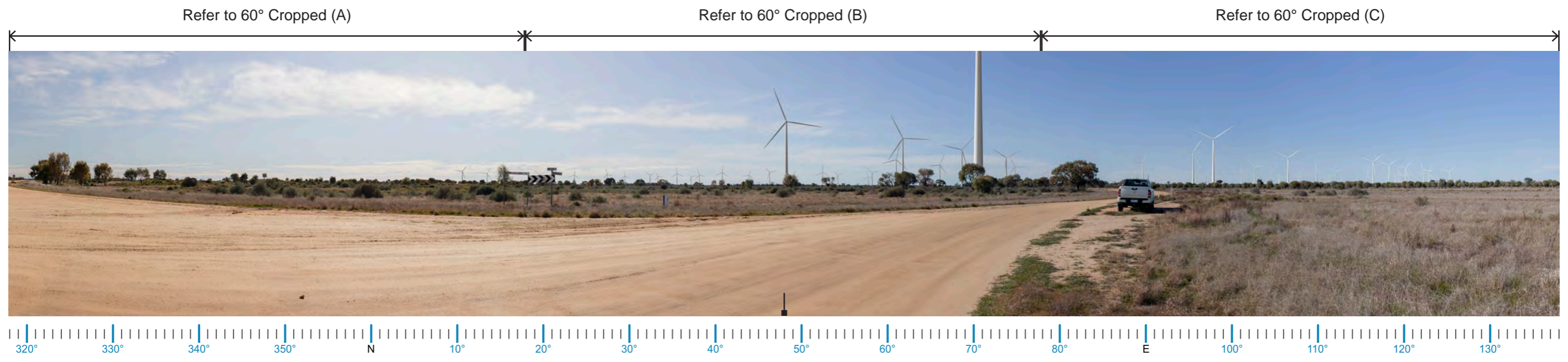


Existing View | 180° Baseline Panorama

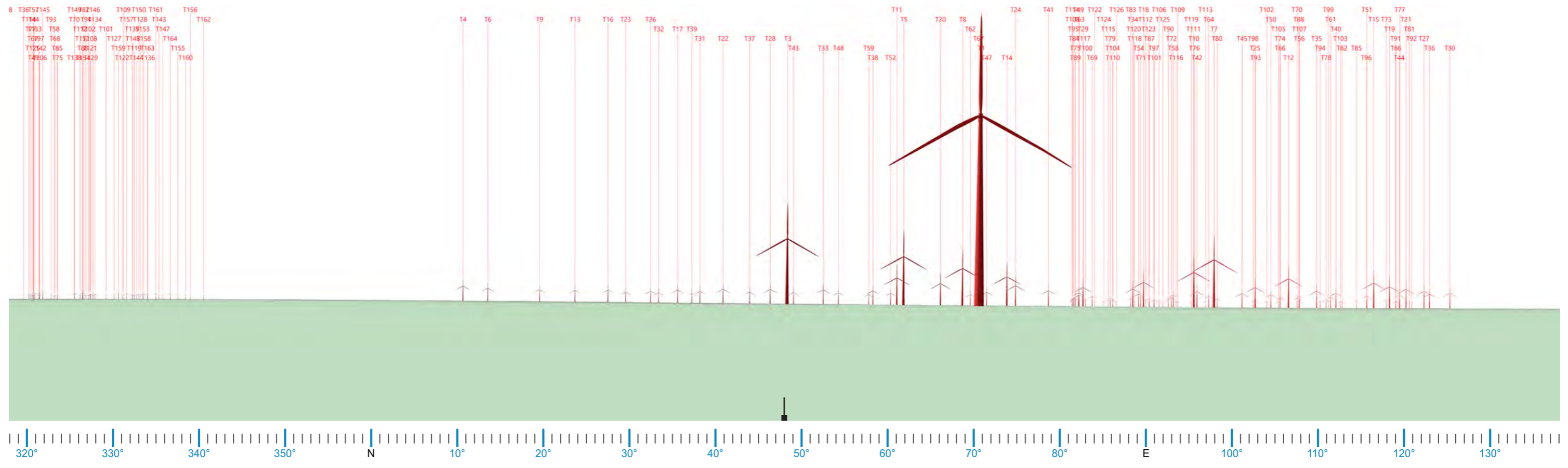


Proposed View | 180° Panorama

PM14a Intersection of Mabins Well Road and Wilson Road, Argoon NSW



Proposed View | 180° Panorama



Wireframe Diagram - Modified image height

PM14a Intersection of Mabins Well Road and Wilson Road, Argoon NSW



Proposed View | 60° Cropped (A)

PM14a Intersection of Mabins Well Road and Wilson Road, Argoon NSW



Proposed View | 60° Cropped (B)

PM14a Intersection of Mabins Well Road and Wilson Road, Argoon NSW



Proposed View | 60° Cropped (C)

PM14b

Photomontage 14b - VP15

Location:

Intersection of Mabins Well Road and Wilson Road,
Argoon NSW

Photograph Date and Time:

21st July 2022 12:44 PM

Coordinates:

35° 1'45.15"S 145°34'42.90"E

Distance to Nearest Visible WTG:

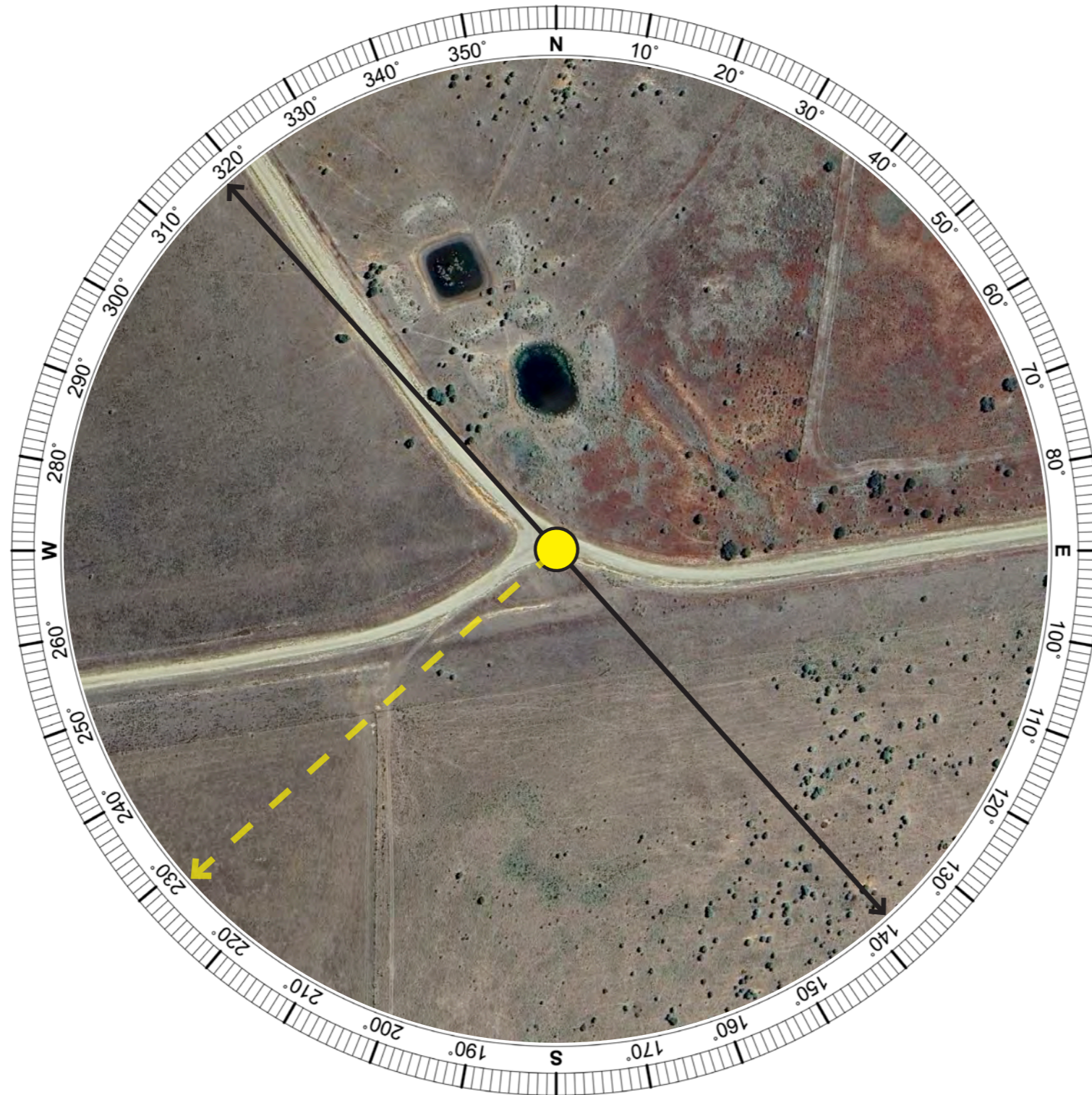
9.47 km

Viewing Direction:

Southwest

Elevation:

106.4 m



Aerial Image Source: Google Earth 2024

PM14b Intersection of Mabins Well Road and Wilson Road, Argoon NSW



Existing View | 180° Baseline Panorama

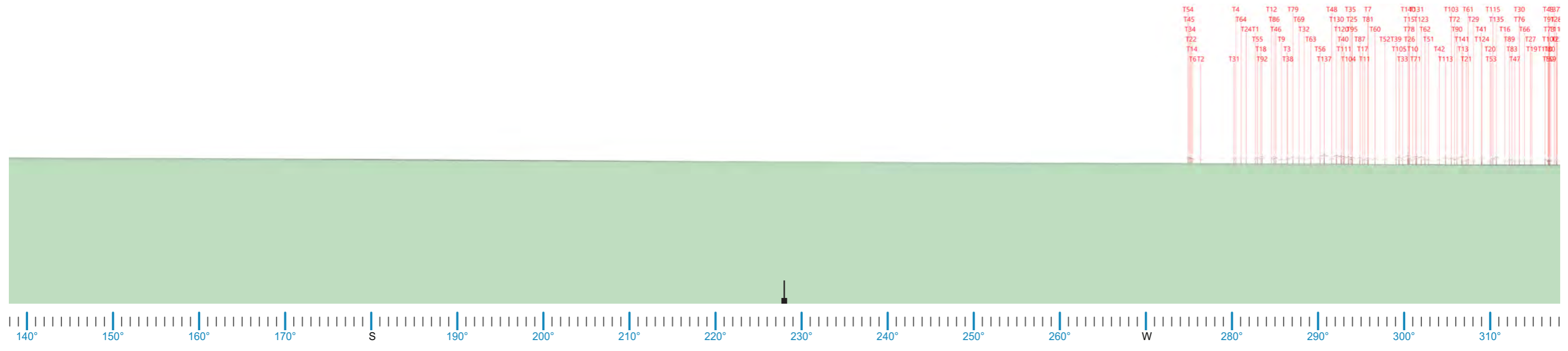


Proposed View | 180° Panorama

PM14b Intersection of Mabins Well Road and Wilson Road, Argoon NSW



Proposed View | 180° Panorama



Wireframe Diagram

PM14b Intersection of Mabins Well Road and Wilson Road, Argoon NSW



Proposed View | 60° Cropped (A)

Lidar Wireframe

PM15a

Photomontage 15a - R088

Location:

560 Goolgumbra Road, Mabins Well NSW

Photograph Date and Time:

Coordinates:

34°59'9.01"S 145°33'5.36"E

Distance to Nearest Visible WTG:

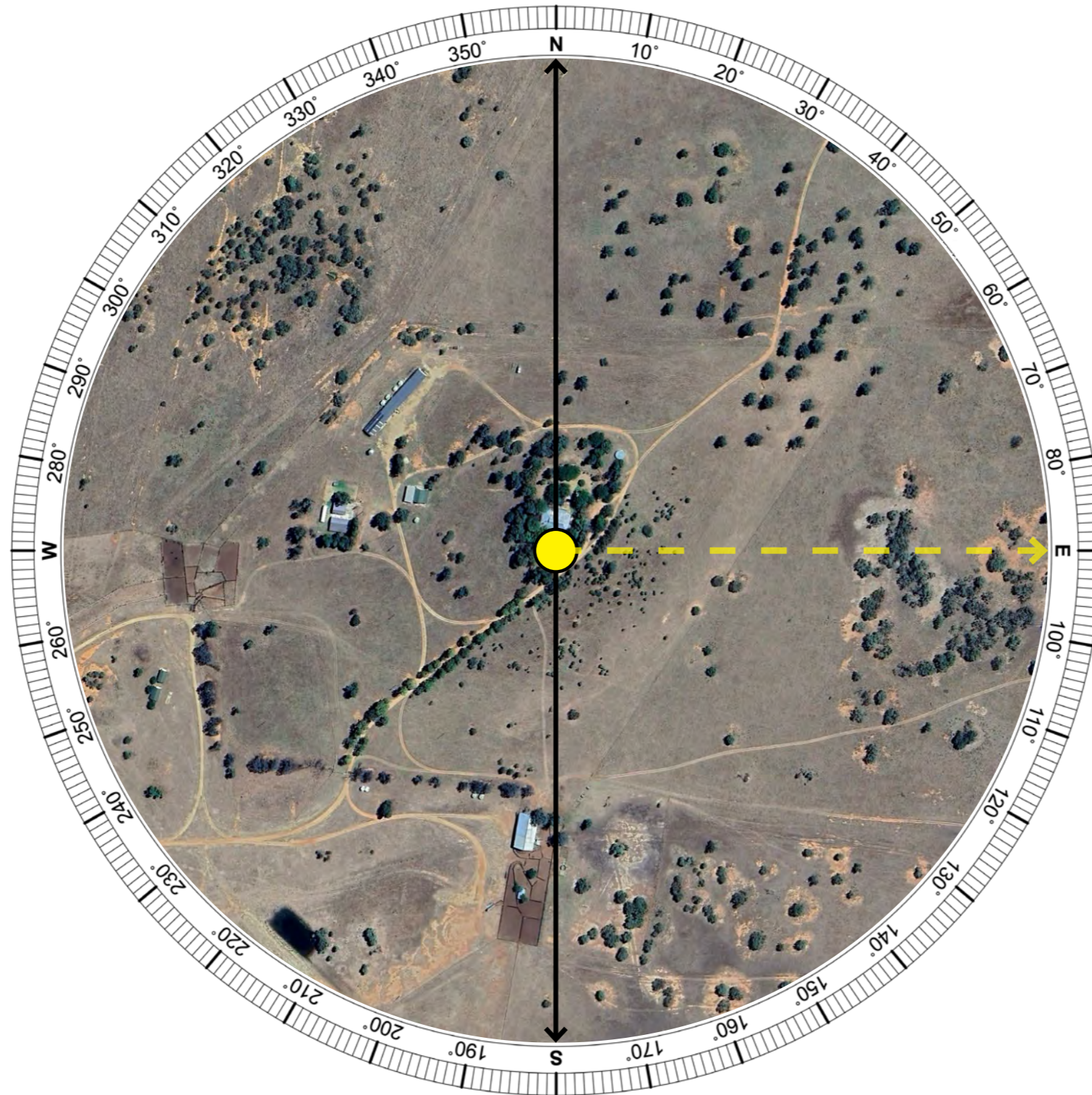
3.76 km - East

Viewing Direction:

East

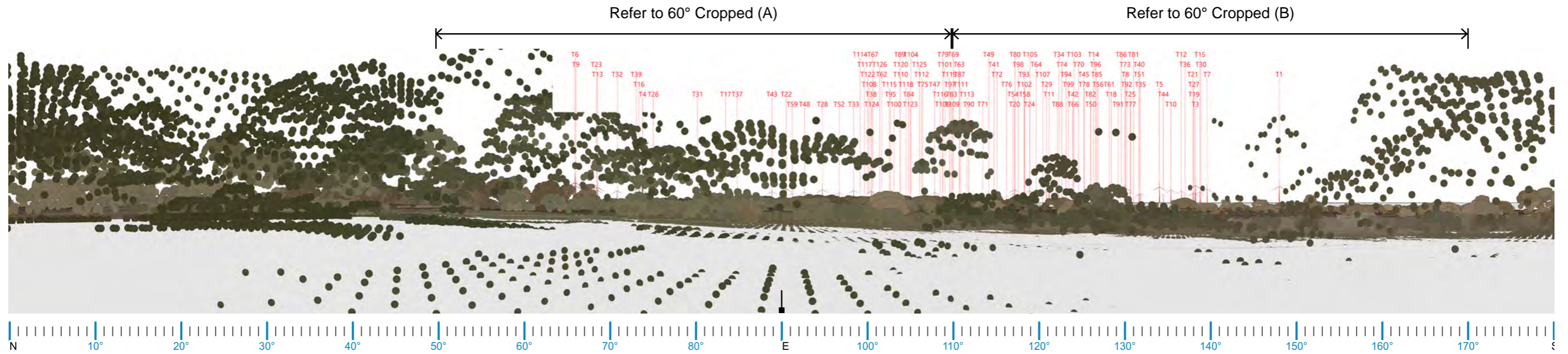
Elevation:

111.0 m



Aerial Image Source: Google Earth 2024

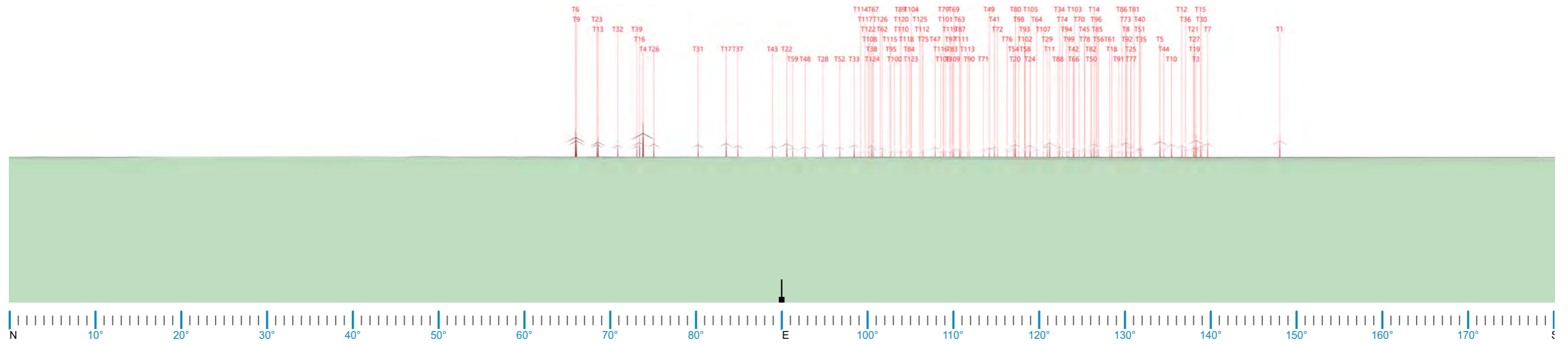
PM15a 560 Goolgumbra Road, Mabins Well NSW 2716



Proposed View | 180° LiDar Overlay

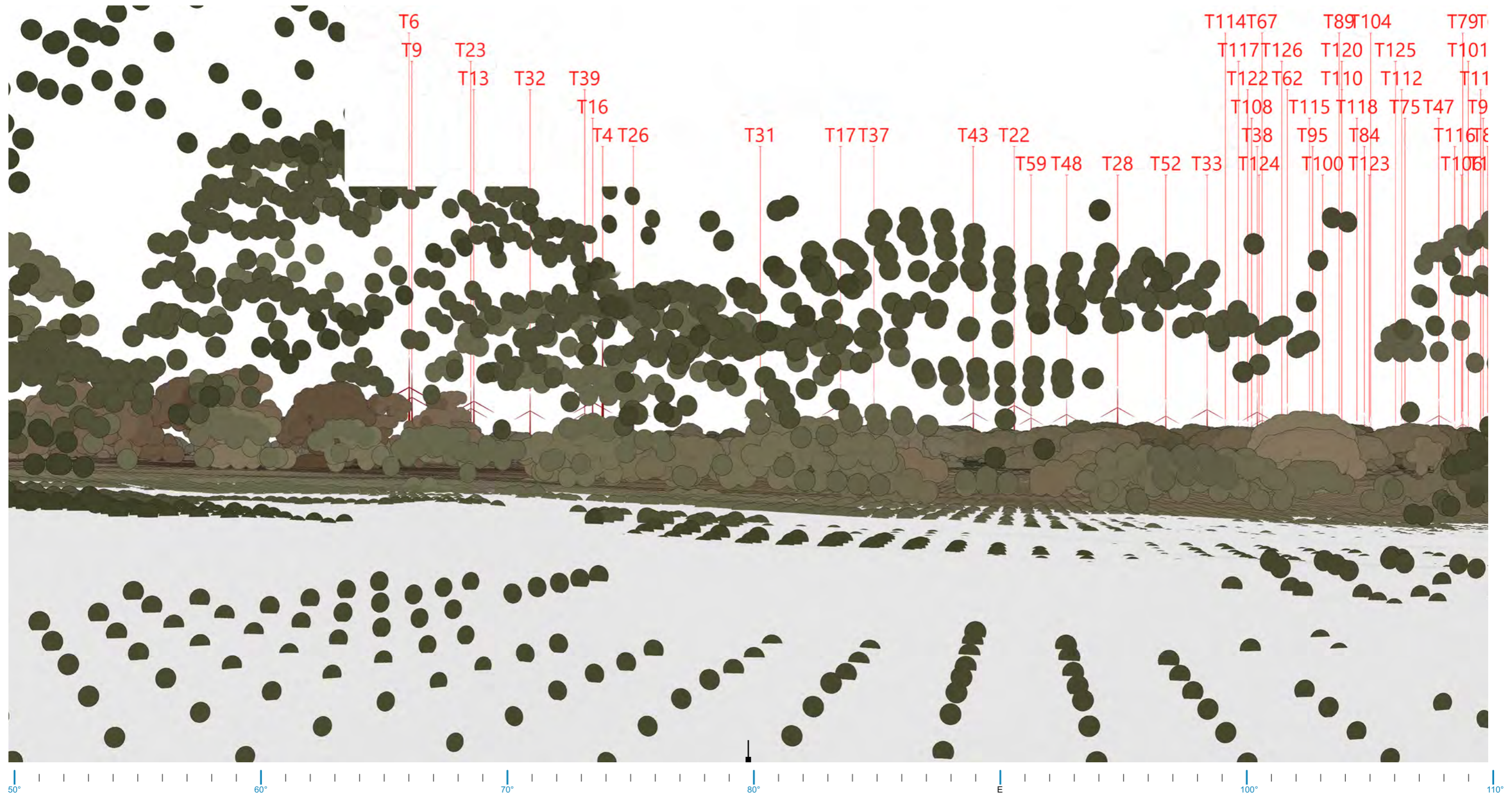
Note:

1. This LIDAR wireframe is acknowledged as providing an indication of the size, condition and location of surrounding vegetation, however it is not a substitute for a photomontage from this dwelling.
2. LIDAR is an active optical sensor that transmits laser beams toward a external surfaces while moving through specific survey routes. The reflection of the laser from the target is detected and analysed by receivers in the lidar sensor. Each green dot represents a single spatial measurement on the object's surface and together with the other points show the external surface of an object.



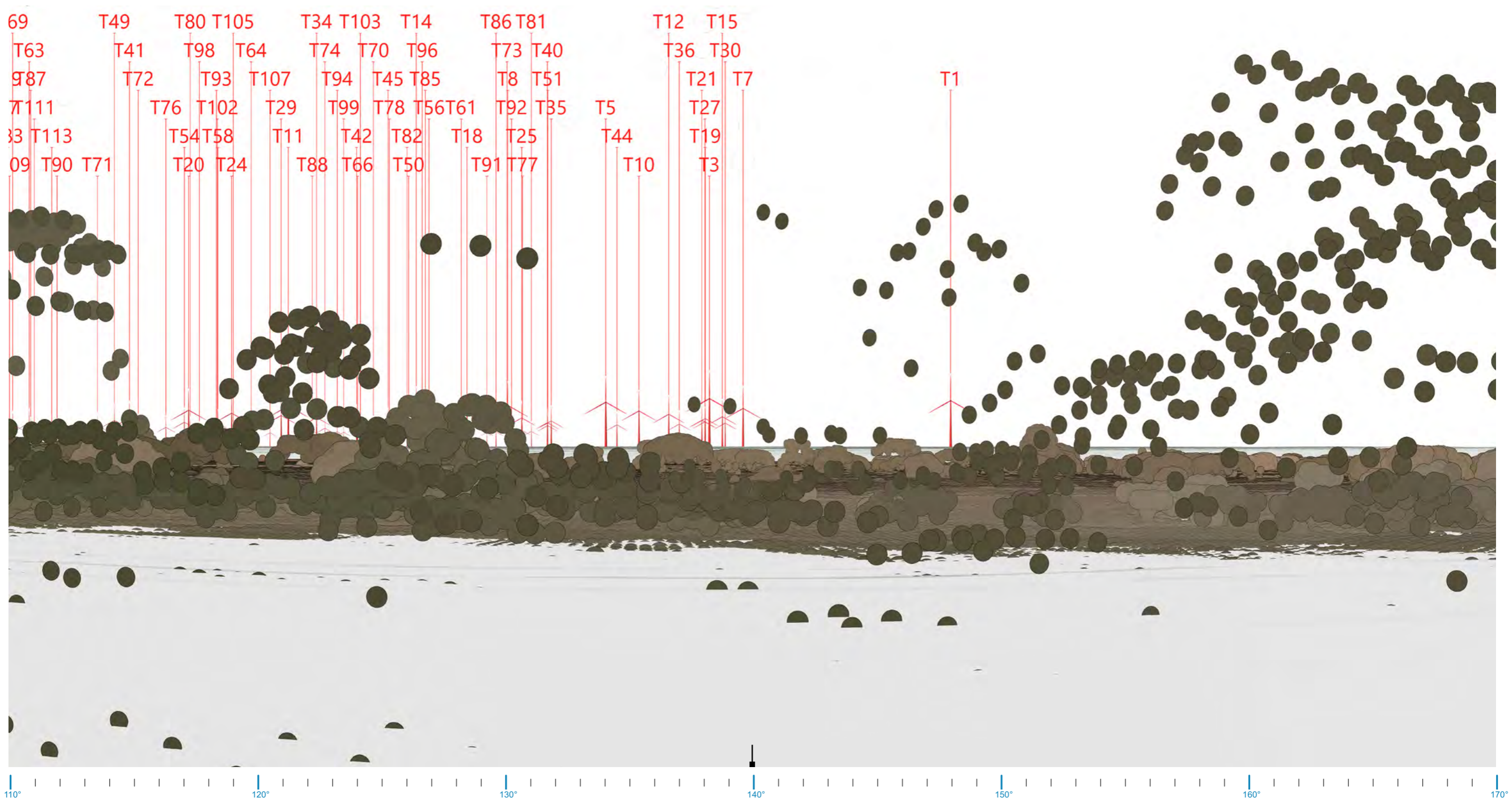
Wireframe Diagram

PM15a 560 Goolgumbla Road, Mabins Well NSW 2716



Proposed View | 60° Cropped (A)

PM15a 560 Goolgumbla Road, Mabins Well NSW 2716



Proposed View | 60° Cropped (B)

PM15b

Photomontage 15b - R088

Location:

560 Goolgumbra Road, Mabins Well NSW

Photograph Date and Time:

Coordinates:

34°59'9.01"S 145°33'5.36"E

Distance to Nearest Visible WTG:

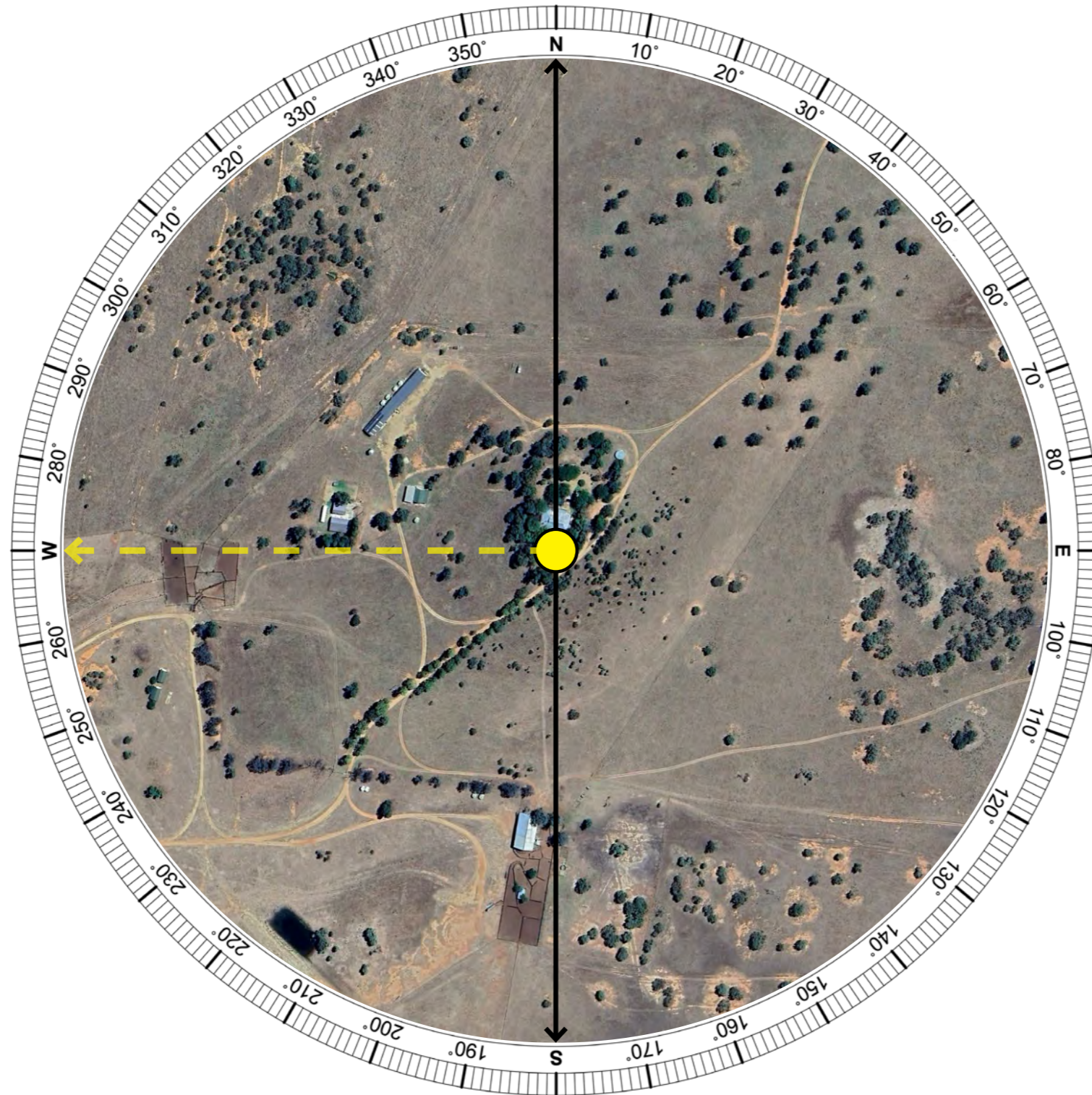
6.14 km - West

Viewing Direction:

West

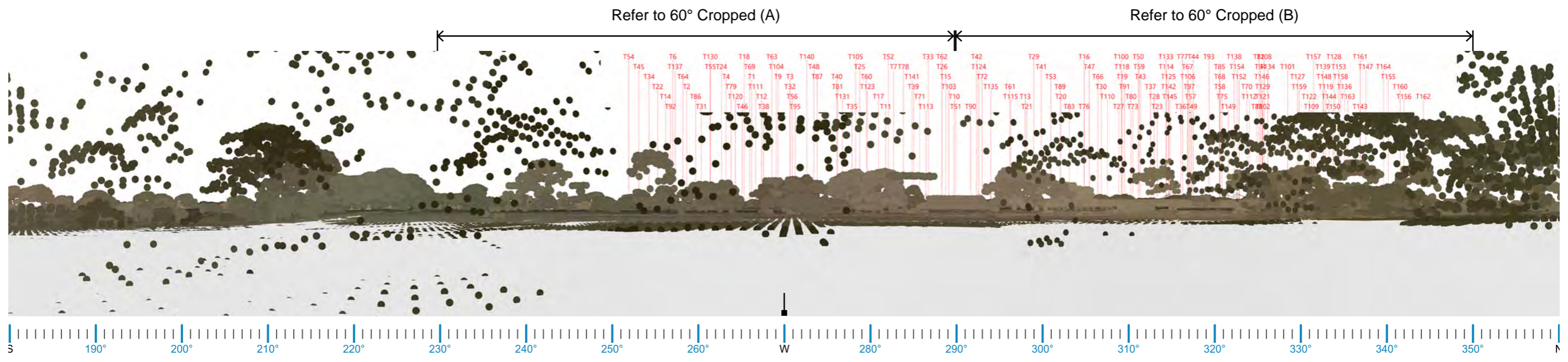
Elevation:

111.0 m

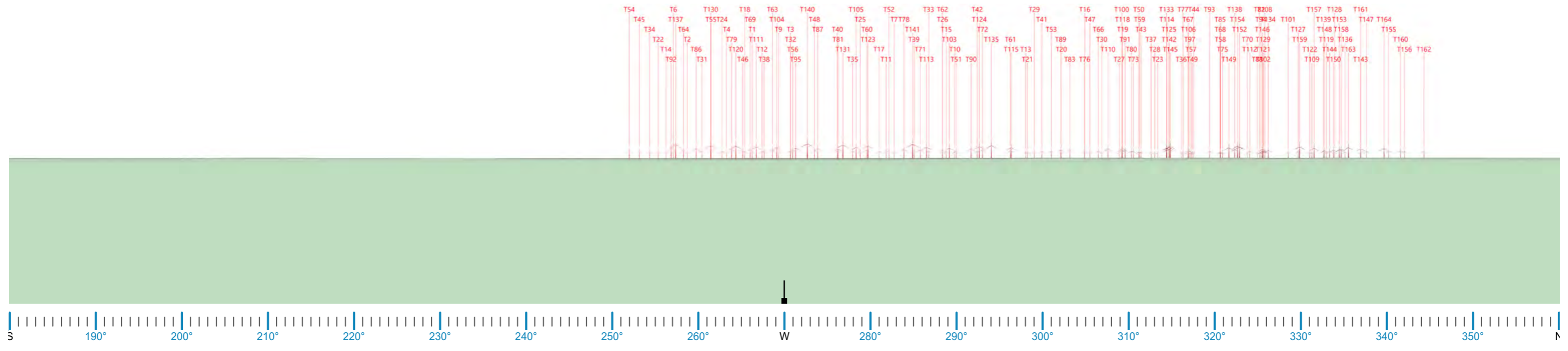


Aerial Image Source: Google Earth 2024

PM15b 560 Goolgumbla Road, Mabins Well NSW 2716

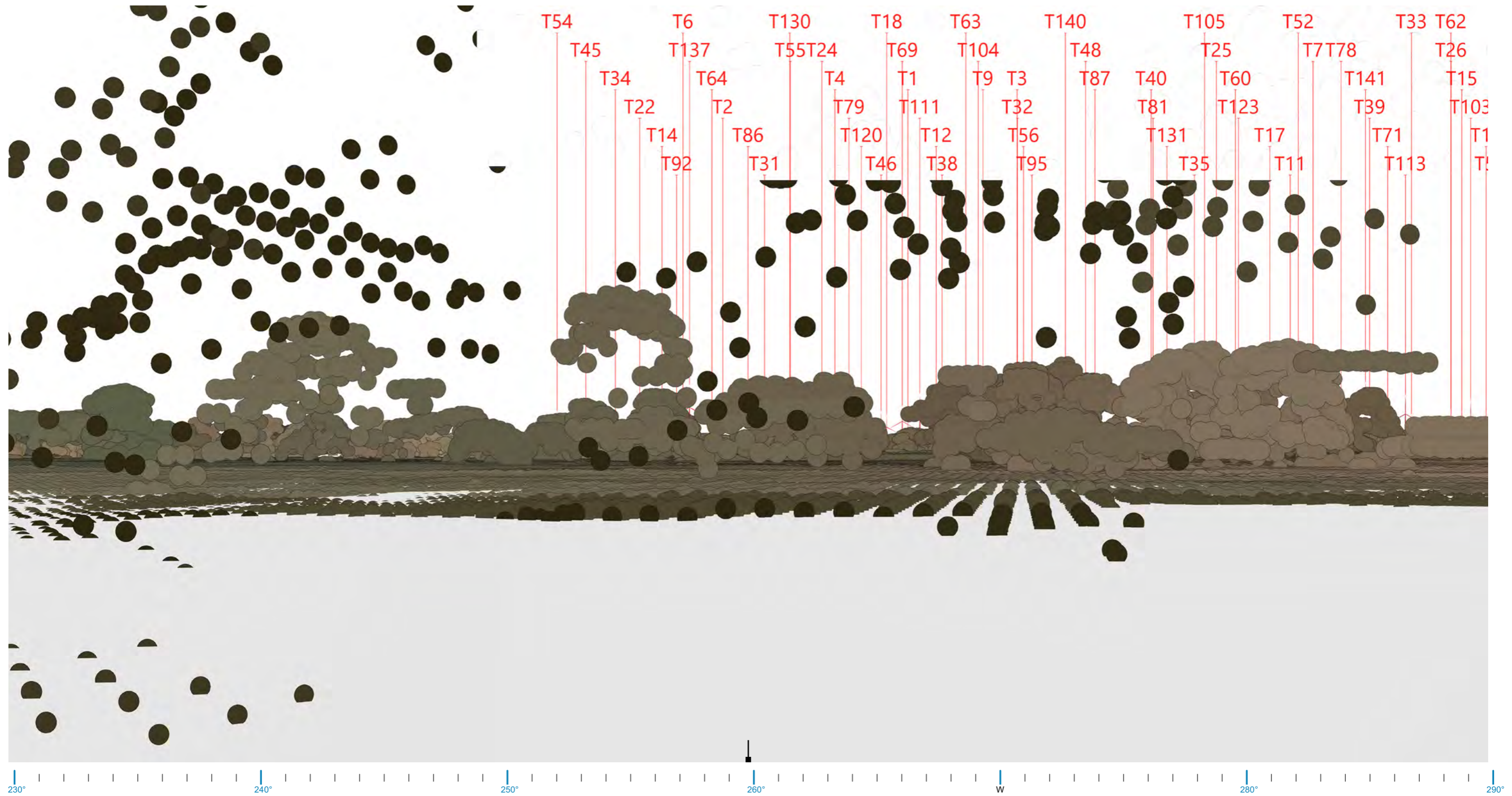


Proposed View | 180° LiDar Overlay



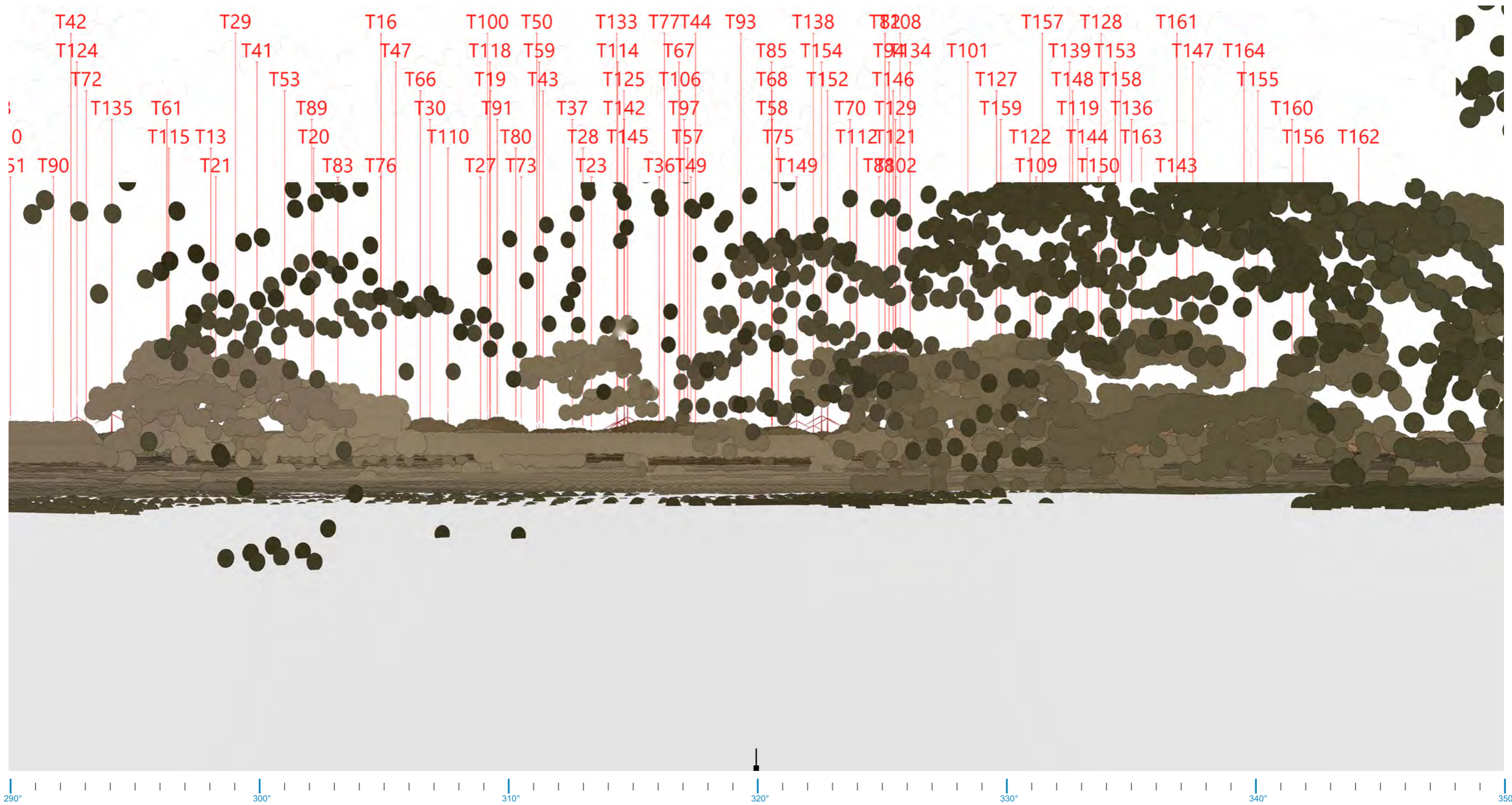
Wireframe Diagram

PM15b 560 Goolgumbla Road, Mabins Well NSW 2716



Proposed View | 60° Cropped (A)

PM15b 560 Goolgumbla Road, Mabins Well NSW 2716



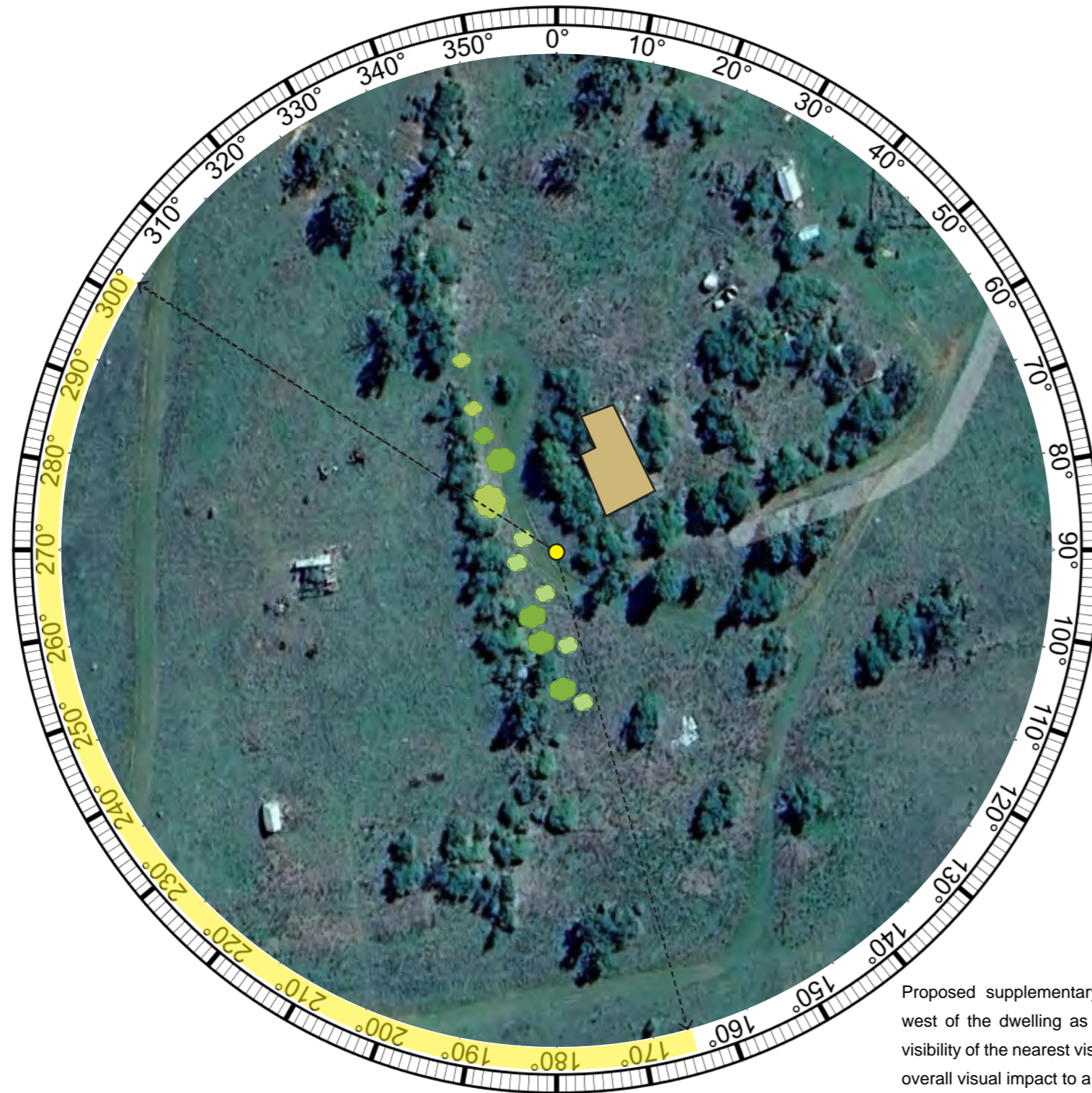
Proposed View | 60° Cropped (B)

E

Mitigation Measures
Non-associated Dwellings

Dwelling R019

Recommended Mitigation Measures



Proposed supplementary screen planting to the west of the dwelling as shown would reduce the visibility of the nearest visible turbines, reducing the overall visual impact to a low visual impact rating .

Visual Screening Notes:


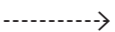



The example is presented solely to illustrate the effectiveness of on-site supplementary planting from a dwelling with a high visual impact rating.

Where access was granted through previous site visits, assessments have been undertaken from the dwelling / curtilage.

Where possible, supplementary planting has been shown as far as practically possible from the dwelling to maintain desirable outlooks whilst ensuring adequate screening.

Visual screening location is indicative only and is proposed to be undertaken in consultation with the landowner post construction.

LEGEND

-  Dwelling Location
-  Extent of turbines (within 8,000 m based on 2D Assessment)
-  Direction of turbines (within 8,000 m based on 2D Assessment)
-  Indicative location of proposed vegetation for visual screening
-  Viewpoint Location

Dwelling R019

Proposed View | 180° Photomontage - Without Mitigation Measures Implemented



Proposed View | 180° Photomontage - With Mitigation Measures Implemented