



# **RYE PARK WIND FARM**

## *Amendment Report*

*(Modification Application - State Significant Development -  
6693)*

August 2020

## Rye Park Wind Farm

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## Acronyms and Abbreviations

ACHA	Aboriginal Cultural Heritage Assessment
ACH	Aboriginal and Cultural Heritage
the Applicant	Rye Park Renewable Energy Pty Ltd
the Approved Project	The Project as currently approved by the Development Consent, described in Section 3.1 of the Modification Application Report
BAM	Biodiversity Assessment Method
BC Act	<i>Biodiversity Conservation Act 2016</i> (NSW)
BCD	Biodiversity Conservation Division (NSW)
BDAR	Biodiversity Development Assessment Report
BMS	Biodiversity Management Strategy
CEEC	Critically Endangered Ecological Community
Conditions of Consent	Conditions of the Development Consent which authorise and regulate the Project.
Cwth	Commonwealth
DAWE	Department of Agriculture, Water and the Environment
Development Consent	Development Consent SSD 6693 granted under the EP&A Act
Development Corridor – Permanent Met Masts	This area includes the Indicative Development Footprint – Permanent Met Masts in its entirety as well as areas of adjoining land that may be required for micro siting when the wind farm layout is finalised.
Development Corridor – Wind Farm	This area includes the Indicative Development Footprint – Wind Farm in its entirety as well as areas of adjoining land that may be required for micro-siting when the wind farm layout is finalised. It does not include the Indicative Development Footprint – External Roads or the Development Corridor – Permanent Met Masts.
Development Footprint	The estimated ground disturbance required for construction of the wind farm. Referred to as the Indicative Development Footprint in this Modification Application and includes Indicative Development Footprint – Wind Farm, Indicative Development Footprint – External Roads and Indicative Development Footprint – Permanent Met Masts
Development Layout	The wind farm layout including turbines and associated infrastructure
DPIE	Department of Planning, Industry and Environment (NSW)
ENA	Environmental Noise Assessment
EPA NSW	Environment Protection Authority (NSW)
EP&A Act	<i>Environmental Planning and Assessment Act 1979</i> (NSW)
EPBC Act	<i>Environment Protection and Biodiversity Conservation Act 1999</i> (Cwth)
EPBC Approval	Approval EPBC 2014/7163 granted for the Project under the EPBC Act

Final Modified Project	The Modified Project as revised during the RTS phase of the Project as further clarified in the Amendment Report
ha	hectares
IF	Isolated finds
Km	kilometres
kV	kilvolts
m	Metres
Met Masts	Meteorological Masts
Modification Application	Application SSD-6693-Mod-1 to modify the Development Consent under the Development Consent
Modification Application Report	Rye Park Wind Farm - Modification Application Report (Tilt Renewables, April 2020)
Modified Project	The Approved Project as revised by the Proposed Modifications as stated in the Modification Application lodged in April 2020
NSW	New South Wales
The Noise Bulletin	the Wind Energy: Noise Assessment Bulletin
OEH	Office of Environment and Heritage (now BCD)
Original EIS	Environmental Impact Statement for the Rye Park Wind Farm (Epuron Pty Ltd, 2014)
Original RTS	Response to Submissions (Rye Park Renewable Energy Pty Ltd, 2016)
OSOM	Oversize and/or overmass vehicles and loads
Over-dimensional	Over-dimensional vehicles (now OSOM vehicles)
PCTs	Plant Community Types
the Project	the Rye Park Wind Farm
Preferred Transport Route	Selection of a preferred transport route, from a number of approved options, that is currently being considered.
Proposed Modifications	the changes to the Approved Project as described in Section 4.0 of the Modification Application Report as further clarified in the Amendment Report
RAPs	Registered Aboriginal Parties
RPWF	Rye Park Wind Farm (or the Project)
RTS Report	Response to Submissions Report (RPRE, August 2020)
RVMP	Roadside Vegetation Management Plan
SoCs	Statement of Commitments
SSD	State Significant Development
Tilt Renewables	Tilt Renewables Limited
TMP	Traffic Management Plan

## 1.0 Introduction

### 1.1 Purpose and Structure of this Report

This Amendment Report has been prepared in support of the Application to modify the State Significant Development (SSD) consent (SSD-6693-Mod-1) (Modification Application) which seeks approval for modifications to the approved Rye Park Wind Farm Project (RPWF or the Project).

The Project was authorised by SSD-6693 (Development Consent) granted under the *Environmental Planning and Assessment Act 1979* (NSW) (EP&A Act).

The Project as authorised by the Development Consent is the construction, operation and decommissioning of up to 92 wind turbines with a maximum tip height of 157 metres and associated infrastructure (Approved Project).

The Modification Application was lodged under section 4.55(2) of the EP&A Act and seeks approval to a number of modifications (collectively, the Proposed Modification<sup>1</sup> or the Modified Project) to the Approved Project including:

- removal of 12 wind turbines to reduce the Project to a maximum of 80 wind turbines;
- increase to the wind turbine envelope to a maximum tip height of 200m to enable the use of newer and more efficient wind turbine models;
- revisions to the development corridor to accommodate revised indicative development footprints including the reduced wind turbine numbers, optimised design assumptions including changes to the wind turbine foundations and hardstands, internal access tracks, 33 kV connection infrastructure, collector substations, transmission line and connection in infrastructure, and supporting infrastructure. Optimisation of other infrastructure, including operation and maintenance facilities, construction compounds, and temporary concrete batch plants; and
- selection of the preferred transport routes for heavy and over-dimensional vehicles to enable the consideration of ground disturbance and associated vegetation removal which will be required to accommodate the proposed upgrades of the local Council roads. Several options for the Preferred Transport Route for heavy and over-dimensional vehicles from port facilities remain under consideration,

The *Rye Park Wind Farm - Modification Application Report* (RPRE, April 2020) (Modification Application Report) was prepared to outline and assess the impacts of the Proposed Modification. The Modification Application Report was placed on public exhibition from 13 May 2020 until 3 June 2020.

The purpose of the Amendment Report is to outline and assess the further clarifications to the Approved Project which now form part of the Proposed Modification. These further clarifications are made in response to:

- submissions made during the public exhibition period
- ongoing consultation with landholders and government agencies, and
- progression of the Project's detailed design.

The revisions to the Proposed Modification included as part of this Amendment Report are limited to:

- refinement of the Project infrastructure as outlined in Section 2.1 below, and
- further requested updates to the conditions of the Development Consent as outlined in Section 2.2 below.

Collectively, the Final Modified Project.

An updated Biodiversity Development Assessment Report (Revised BDAR) and Aboriginal Cultural Heritage Assessment (Addendum to the ACHA) have been undertaken to assess the refinement to the Project infrastructure included in this Amendment Report. These are contained in Appendices B and M of the

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<sup>1</sup> The Proposed Modification refers to the changes to the Approved Project and as further clarified in the Amendment Report



## Response to Submissions (RTS) Report.

The recent revisions to the Indicative Development Footprints, will further reduce the level of impacts associated with the Final Modified Project compared with the Modified Project.

For reference, a summary of the various Project iterations is provided below:

- *Original EIS* – A 126 wind turbine project, with a 157 m tip height as described in the Rye Park Wind Farm Environmental Assessment (Epuron, January 2014)
- *Original RTS* – A 109 wind turbine project, with a 157 m tip height as described in the Rye Park Wind Farm Response to Submissions (Epuron, May 2016)
- *Approved Project* – A 92 wind turbine project, with a 157 m tip height
- *Modified Project* – A 80 wind turbine project, with a 200 m tip height as described in the Modification Application Report (RPRE, April 2020)
- *Final Modified Project* – A 77 wind turbine project, with a 200 m tip height as described in the Amendment Report (this report) (RPRE, August 2020)

Table 1 outlines the purpose of each section of this report.

**Table 1 Report Structure and Content**

Section	Purpose / Content
Section 1.0 Introduction	This section provides an overview of this Amendment Report and its structure
Section 2.0 Revisions to the Modified Project	Provides an overview of the refinements to the Project infrastructure and further updates to two conditions of the Development Consent included as part of the Proposed Modification
Section 3.0 Updated Environmental Assessments	Provides an overview of the updated technical assessments carried out to assess the refinements made to the Project infrastructure
Section 4.0 Conclusion	Provides the overall conclusions to this report

## 2.0 Revisions to the Modified Project

Revisions to the Modified Project and the new Preferred Project as described in this report were made in response to:

- submissions made during the public exhibition period
- ongoing consultation with landholders and government agencies, and
- progression of the Project's detailed design.

Revisions to the Modified Project include changes to infrastructure and further modifications to two conditions of the Development Consent as discussed in the sections below.

### 2.1 Refinements to Project Infrastructure

#### 2.1.1 Overview

The refinements to the Project infrastructure included as part of the Proposed Modification are limited to:

- a further reduction of three wind turbines to a maximum number of 77 wind turbines proposed for the Project
- a clarification of the Development Corridor to include the permanent meteorological masts (met masts) required for the Project;
- an adjustment to a 2.3 km section of the transmission line (up to 330 kV) which forms part of the Project;
- refinements to the public road upgrades required to accommodate the Project;
- additional ground disturbance for poles locations and associated track to enable the Project to connect to the TransGrid line; and
- the inclusion of an additional temporary construction compound to facilitate the upgrades on the TransGrid owned existing 330kV Transmission Line at the southern section of the Project site.

Each of these refinements are outlined in detail at Sections 2.1.2 to 2.1.6 below. The updated Development Corridor – Wind Farm and addition of the Development Corridor – Permanent Met Masts is provided in Figure 1, Figure 2 and Figure 3 whilst the Development Layout for the Final Modified Project is contained at Appendix A. A detailed figure showing the infrastructure changes compared to the Approved Project is contained in Appendix B.

Table 2 provides a summary of the Approved Project and Modified Project as outlined in the Modification Application Report (Modified Project) as against the further refinements to the Modified Project outlined in this Amendment Report (Final Modified Project)<sup>2</sup>.

**Table 2 Key Indicative Parameters Comparison of the Approved Project, Modified Project and Final Modified Project**

Parameter	Approved Project	Modified Project	Final Modified Project	Change from the Modified Project to the Final Modified Project	Change from the Approved Project to the Final Modified Project
<b>Wind Turbine Numbers</b>					
Number of wind turbines	92	80	77 <sup>3</sup>	Decrease by 3	Decrease by 15
<b>Development Corridors</b>					

<sup>2</sup> Project parameters that have not changed from the Modified Project have been excluded from this table.

<sup>3</sup> Whilst the wind turbine numbers have decrease by three, the revised environmental assessments are based on an 80 wind turbine layout, presenting impacts that will exceed the actual impacts based on a 77 wind turbine layout. Further, the lengths and disturbance areas for ancillary infrastructure including access tracks and underground cabling will also be reduced.

Parameter	Approved Project	Modified Project	Final Modified Project	Change from the Modified Project to the Final Modified Project	Change from the Approved Project to the Final Modified Project
Development Corridor – Wind Farm	1,646 ha	1,272 ha	1,275.57 ha	Increase by 3.57 ha	Decrease by 370.43 ha
Development Corridor – Permanent Met Masts <sup>4</sup>	-	-	52.0 ha	-	-
Total Development Corridor	1,646 ha	1,272 ha	1327.57 ha	Increase by 55.57 ha	Decrease by 318.43 ha
<b>Indicative Development Footprints</b>					
Indicative Development Footprint – Wind Farm	256.8 ha	542.14 ha	489 ha	Decrease by 53.14 ha	Increase by 232.2 ha
Indicative Development Footprint – External Roads	-	32.62 ha	18.66 ha	Decrease by 13.96 ha	-
Indicative Development Footprint – Permanent Met Masts <sup>5</sup>	-	-	9.17 ha	-	-
Total Indicative Development Footprints	256.8 ha	574.76 ha	516.83	Decrease by 57.93 ha	Increase by 260.03 ha
<b>Transmission Line up to 330 kV</b>					
Transmission line (Full easement) length	12,510 m	10,158 m	6,925 m	Decrease by 3,233 m	Decrease by 5,585 m
Transmission line (Full easement) width	60 m	40 m	40 m	<i>No change</i>	Decrease by 20 m
Transmission line (Full easement) area	73 ha	28.07 ha	28.21 ha	Increase by 0.14 ha	Decrease by 44.79 ha
Transmission line (track, poles and string pads) length	18,810 m	17,327 m	20,106 m	Increase by 2,779 m	Increase by 1,296 m
Transmission line (track, poles and string pads) width	4 m (poles not included)	12 m for tracks 20 m for poles	12 m for tracks 20 m for poles	<i>No change</i>	Increase by 8 m for tracks
Transmission line (track, poles and string pads) area	10.3 ha	25.3 ha	26.79 ha	Increase by 1.49 ha	Increase by 16.49 ha
<b>Transmission Line 33 kV</b>					

<sup>4</sup> Development Corridor – Permanent Met Masts were approved as part of the Approved Project, however, were not included in the Approved Project layout appended to the Development Consent.

<sup>5</sup> The Indicative Development Footprint – Permanent Met Masts was not originally accounted for the Approved Project, thus an indicative disturbance area has been added to adequately account for the construction and operation of the Permanent Met Masts.

Parameter	Approved Project	Modified Project	Final Modified Project	Change from the Modified Project to the Final Modified Project	Change from the Approved Project to the Final Modified Project
Transmission line (Full easement) length	694 m	765 m	736 m	Decrease by 29 m	Increase by 42 m
Transmission line (Full easement) width	30 m	20 m	20 m	<i>No change</i>	Decrease by 10 m
Transmission line (Full easement) area	2 ha	1.44 ha	1.44 ha	<i>No change</i>	Decrease by 0.56 ha
Transmission line (track, poles and string pads) length	5,681 m	7,018 m	7,085 m	Increase by 67 m	Increase by 1,404 m
Transmission line (track, poles and string pads) width	4 m (poles not included)	12 m for tracks 20 m for poles	12 m for tracks 20 m for poles	<i>No change</i>	Increase by 8 m for tracks
Transmission line (track, poles and string pads) area	2.2 ha	3.46 ha	9.59 ha	Increase by 6.13 ha	Increase by 7.39 ha
<b>Supporting Infrastructure</b>					
Construction Compounds	3	2	3	Increase in one compound	<i>No change</i>



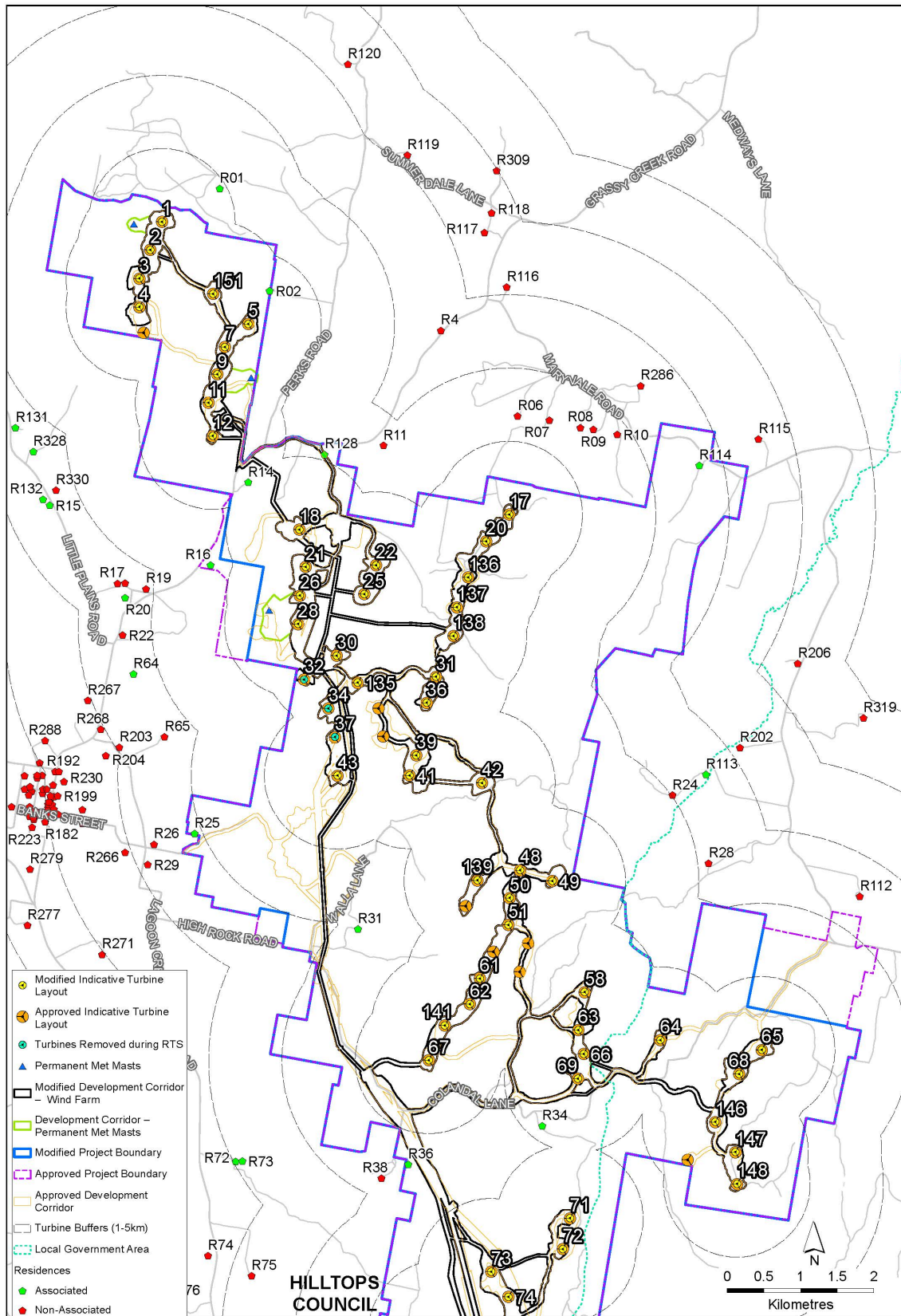


Figure 1 Updated Development Corridor (page 1 of 3)







### 2.1.2 Reduction in Wind Turbines

The Approved Project allows for the development of 92 wind turbines at a maximum tip height of 157 m. The Modified Project proposed the removal of 12 wind turbines to reduce the Project to a maximum of 80 wind turbines and increase the maximum tip height to 200 m.

In response to specific feedback from the Department of Planning, Industry and Environment (DPIE) and the community concerns around the visual impacts of the Project, the Applicant has removed a further three wind turbines within close proximity to Rye Park village, resulting in a total of 77 wind turbines. The Applicant believes that the removal of the additional three wind turbines will address community concerns related to the visual impact on Rye Park village.

The wind turbines being removed are T32, T34 and T37 as shown in Figure 1. Further, the Applicant proposes that T43 remain in its current layout and be excluded from being micro-sited (except for minor micro-siting if required due to ground conditions) and subsequently Condition 8 of Schedule 2 to the Development Consent. This will ensure this wind turbine will not be micro-sited any closer to Rye Park village.

Photomontages of the Project from Rye Park village showing the wind turbines to be deleted are contained at within the Revised Visual Impact Assessment (VIA) prepared by Green Bean Design (Appendix C of the RTS Report). Turbines 32, 34 and 37 have been selected for removal as they are the most visually dominant turbines from the Rye Park village. The visual impact is further minimised due to the removal of visual clutter from the viewpoint of the Rye Park village.

The photomontage from Rye Park village shows that the view to T43 is screened by topography. Therefore, T43 has remained in the layout due to the reduced visual impact compared to T32, T34 and T37.

Whilst the wind turbines numbers have decreased, the revised environmental assessments and environmental assessments that supported the Modification Application are still based on an 80 wind turbine layout, presenting impacts that will exceed the actual impacts of the 77 wind turbine layout.

The updated wind turbine coordinates of the Final Modified Project have been provided in Appendix C.

### 2.1.3 Clarification of Meteorological Masts

#### General

Meteorological masts enable accurate collection of wind data and are an integral component of the Project.

The Original RTS confirms that the Approved Project includes:

*six temporary wind monitoring masts and approximately six permanent monitoring masts for wind speed verification, weather and general monitoring purposes. The permanent monitoring masts may be either static guyed or un-guyed structures and will be to a minimum height of the wind turbine hubs.*

The location of the approved temporary and permanent met masts forming part of the Approved Project was shown in Attachment 4 to the Original RTS.

#### Permanent Meteorological Masts

Following further review of the Modified Project and progression of the detailed design, it was identified that, while Attachment 4 to the Original RTS showed the location of the temporary and permanent met masts, the Original RTS stated in error:

*'The temporary and permanent masts would be located within the Infrastructure Corridor.'*

This Applicant acknowledges this error and clarifies as part of this Amendment Report that the met masts are not within Infrastructure Corridor forming part of the Approved Project. Accordingly, the Final Modified Project includes clarification of the final locations and disturbance areas of the approved six permanent met masts.

These permanent met masts are proposed at various locations across the Project as shown in Figure 1, Figure 2 and Figure 3 and set out in Appendices A and B. The permanent met masts will correlate with the hub height of the chosen wind turbine, thus will be between 115 – 121 m in height.



The permanent met masts will contain a central pole with three guy wires extending approximately two-thirds of the met mast height from the base of the mast.

Accordingly, an additional development corridor (Development Corridor – Permanent Met Masts) has been developed to ensure that the infrastructure associated with the six permanent met masts (being the permanent met masts and associated underground cabling) is located within this specific development corridor. The indicative development footprint for the six permanent met masts and associated cabling within the Development Corridor – Permanent Met Masts is 9.17 ha (Indicative Development Footprint – Permanent Met Masts) while the total area of the Development Corridor – Permanent Met Masts is 52.0 ha.

#### Temporary Meteorological Masts

The Original RTS stated that:

*Six temporary wind monitoring masts are currently operating on the site to assess wind speeds at or near proposed turbine locations. Pending final wind turbine placements, it may be necessary to move or install additional temporary wind monitoring masts to verify wind speeds across the site.*

For the Final Modified Project, six temporary met masts will be located within the Development Corridor – Wind Farm. These temporary met masts are required to establish the relationship between wind speeds recorded at the permanent met mast locations compared with nearby wind turbines and will be of the same approximate dimensions as the permanent met masts.

#### **2.1.4 Adjustment of 2.3 km of Transmission Line (up to 330 kV)**

The Approved Project includes a new transmission line (up to 330 kV) (Transmission Line (up to 330 kV)).

The Modification Application Report outlined and assessed a number of changes to the Transmission Line (up to 330 kV) as part of the Proposed Modification. These included reducing the extent of ground disturbance required to reflect ongoing detailed design and changes to the Transmission Line (up to 330 kV) route.

As part of ongoing discussions with landowners and progression of the detailed design for the Project, the Applicant has revised the layout of a section of the Transmission Line (up to 330 kV) located towards the southern section of the site. As shown in Figure 4, the Final Modified Project transmission line alignment is closer to the Approved Project transmission line alignment. Whilst the alignment will be closer to Dwelling R68, it will still be further away than the approved transmission line. The approved transmission line was approximately 250 m from Dwelling R68 whilst the proposed alignment is now 440 m from Dwelling R68. The viewpoint of R68 is to the north-east and the topography of the land is such that the transmission line is on the other side of the hill from the dwelling.

Accordingly, the Final Modified Project now includes a further change to the alignment of the Transmission Line (up to 330 kV) in relation to a 2.3 km section which is being diverted further east towards the center of the site away from Rye Park Dalton Road as shown in Figure 4.

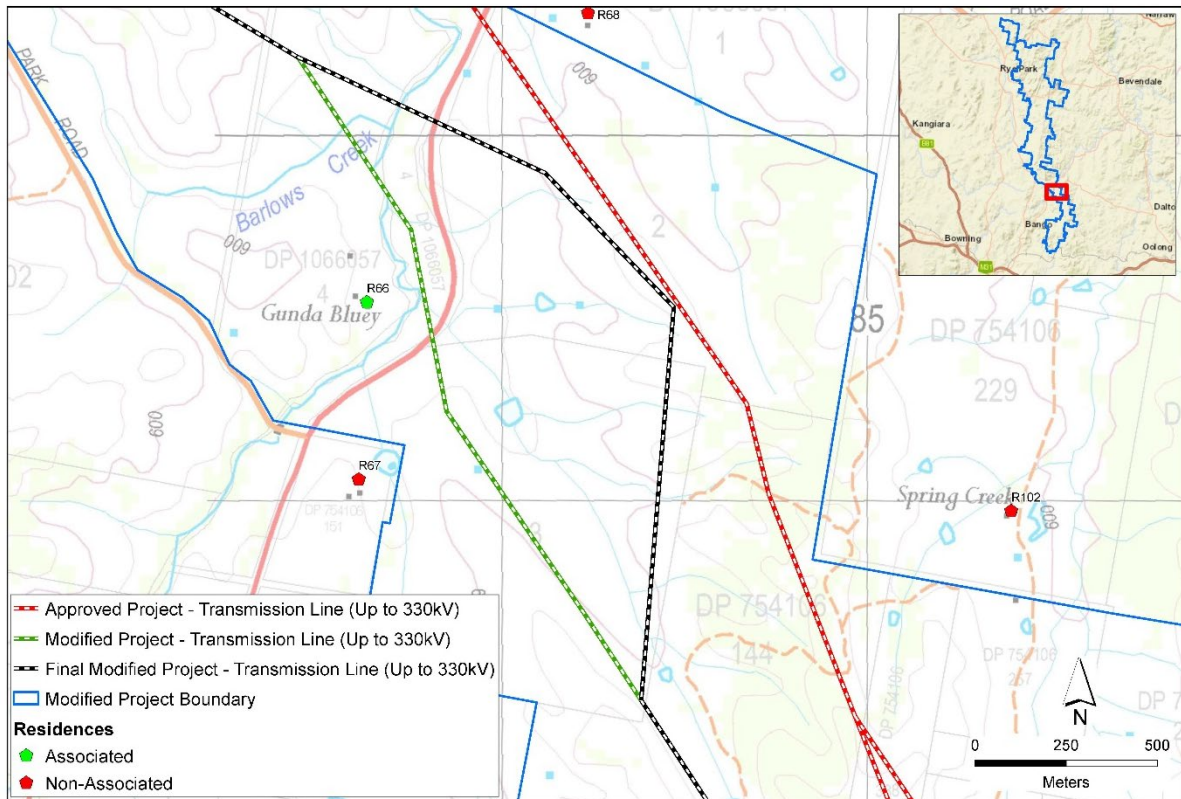


Figure 4 Adjustment of 2.3 km of Transmission Line (Up to 330kV)

## 2.1.5 Refinement of the Development Footprint – External Roads

The Approved Project includes a number of upgrades to public roads as specified in Appendix 6 of the Development Consent. However, the extent of ground disturbance required for these road upgrades was not previously assessed as part of the Approved Project.

The Modification Assessment Report included:

- selection of a preferred heavy and over-dimensional vehicle traffic route, the Preferred Transport Route, based on the multiple road upgrade options authorised by Appendix 6 to the Development Consent to adequately allow oversize over mass (OSOM)<sup>6</sup> vehicles to site; and
- quantification of the ground disturbance and assessment of the vegetation clearing required for the Preferred Transport Route as part of the Development Footprint – External Roads,

as part of the Proposed Modification.

The Modification Assessment Report stated:

*The extent of disturbance on these land parcels will be further clarified during the concept and detailed design process. At this time, the Applicant will consult with Council and confirm arrangements with the relevant landowners.*

*The Indicative Development Footprint – External Roads provides a conservative, ‘worst case’ estimate of the extent of widening required for the road upgrades along the Preferred Transport Route*

Ongoing discussions with landowners and further progression of the detailed design has now enabled additional refinement to the Indicative Development Footprint – External Roads. Based on more accurate mapping and additional revisions to the Indicative Development Footprint – External Roads, the total area of

<sup>6</sup> OSOM vehicles has the same meaning as over-dimensional heavy vehicles, however, is now the preferred terminology

disturbance required for the Development Footprint – External Roads has been reduced from 32.62 ha to 18.66 ha, a total reduction of 13.96 ha. Key refinements to the proposed road upgrades along the Preferred Transport Route include:

- additional area to allow blade-swing on the corner of Trucking Yard Rd and Dillion St in Boorowa;
- additional area on the northern corner of Dillion St and Long St in Boorowa;
- removal of an area on the southern corner of Dillion St and Long St in Boorowa;
- refinement of an area on the corner of Long St and Rye Park Rd in Boorowa;
- refinement of the area on the northern corner of Rye Park Rd and Grassy Creek Rd in Rye Park to enable OSOM vehicles to turn north up Grassy Creek Rd and south onto Yass St; and
- refinement of the areas turning into access points 2, 10 and 12 to adequately allow OSOM vehicles to enter the site.

The updated layout of the Indicative Development Footprint - External Roads is contained at Appendix D.

### **2.1.6 Additional ground disturbance for pole locations for TransGrid line**

An existing Transmission Line (330kV) owned and operated by TransGrid runs towards the southern boundary of the Project, and intersects with the Project site.

As part of ongoing discussions with TransGrid and progression of the Project's detailed design, TransGrid have clarified the necessary upgrades required to connect the existing transmission line into the proposed substation.

The proposed works on the TransGrid line involves installing two additional poles within close proximity of the connection substation, removing one redundant pole and altering the location of two poles to west and east of the connection substation. Tracks to access these pole locations are also required. The ground disturbance required for these works has been allowed for within the Indicative Development Footprint – Wind Farm. This is shown in Figure 3 and contained at Appendices A and B.

### **2.1.7 Additional Construction Compound**

The Approved Project includes up to three construction compounds.

The Modification Assessment Report:

- identified that the Modified Project included the removal of one of the three approved construction compounds; but
- included three indicative locations for the two construction compounds proposed to allow optionality for the contractors to choose their preferred locations for two construction compounds, as shown in the Development Layout contained at Appendix C.2 of the Modification Application Report.

However, as part of ongoing work with prospective contractors and ongoing discussions with TransGrid during the tendering phase of the Project, TransGrid have identified that it requires a separate construction compound to facilitate the upgrade works on the existing TransGrid owned 330kV Transmission Line at the southern section of the Project site.

Accordingly, three construction compounds are now proposed in line with the number proposed for the Approved Project. The indicative location of the new TransGrid construction compound is shown in the Final Modified Project Development Layout contained at Appendix A.

As the Modification Assessment Report assessed three construction compounds locations to allow optionality for the contractors to choose their preferred locations for the two construction compounds previously proposed, the impacts of the additional construction compound now included were already been accounted for as part of the Modified Project, and accordingly the environmental impacts have not changed. As stated above, the three construction compounds now proposed is consistent with the Approved Project.

All impacts associated with the TransGrid construction compound will be temporary, and the site will be rehabilitated once the upgrades to the TransGrid owned 330kV Transmission Line are complete.

## 2.2 Further Modifications to the Development Consent

In addition, in response to the submissions of and consultation with the Department of Planning, Industry and the Environment – Biodiversity Conservation Division (BCD) and the NSW Environment Protection Authority (EPA), the Applicant requests updates to the following Conditions of the Development Consent:

- Condition 11 of Schedule 3 to the Development Consent to update the Operational Noise Criteria - Wind Turbines to reflect the updated assessment outcomes;
- Inclusion of a new definition of "hollow bearing tree" in Schedule 1 to the Development Consent to clarify the operation of Condition 8(d) of Schedule 2 to the Development Consent which contains the Micro-Siting Restrictions; and
- Inclusion of allowance for the Secretary to agree to sequencing of preliminary work on-site while progressing the local road upgrades listed in Appendix 6 Schedule of Road Upgrades

An updated assessment against the Development Consent is contained at Appendix E.

### 2.2.1 Operational Noise Criteria – Wind Turbines

The EPA provided comments on the Proposed Modification requesting further assessment of the Proposed Modification against the *Wind Energy: Noise Assessment Bulletin* (Noise Bulletin) as discussed in Section 4.2.6 of the RTS Report.

As a result of the comments provided by the EPA, background noise levels have been re-correlated with wind speed, referenced to a hub height of 119 m. This hub height is likely to be close to the final selected hub height, however the final hub height will be dependent on the final wind turbine selection. In addition, further background noise monitoring has been conducted. The re-correlation analysis and the analysis of the additional monitoring has been summarised in a Background Noise Monitoring Report (contained at Appendix I of the RTS Report). A revised Environmental Noise Assessment (Revised ENA) has also been prepared (contained at Appendix J of the RTS Report) to ensure consistency with the Background Noise Monitoring Report.

In order to further address the EPA's recommendation, the Applicant proposes to update Condition 11 of Schedule 3 to the Development Consent in line with the Noise Bulletin by replacing *Table 4: Noise criteria dB(A)* of residence specific limits with the more general criteria outlined in the Noise Bulletin which will remain valid for any hub height. This approach has been discussed with, and agreed by, the EPA. Accordingly, the Applicant proposes the following in place of Condition 11:

*The Project shall be designed, operated and maintained to ensure that the equivalent noise level ( $L_{Aeq(10-minute)}$ ) from the project does not exceed at any residential receiver (excluding those associated with the wind farm) in existence or the subject of a valid development consent at the date of this approval:*

- 35 dB(A); or*
- the existing background noise level ( $L_{Aeq(10-minute)}$ ) correlated to the integer wind speed at hub height at the wind farm site by more than 5 dB(A).*

### 2.2.2 New Definition of Hollow Bearing Tree

Condition 8 of Schedule 2 to the Development Consent (Micro-siting Restrictions) provides the ability for micro-siting wind turbines. No change is proposed to the approved location of the wind turbines as part of the Modified Project nor the Final Modified Project. However, it is proposed to include a new definition of "hollow-bearing trees" to clarify the application of condition 8(d) of Schedule 2 to the Development Consent which currently provides as follows:

*the revised location of a wind turbine is at least 50 metres from existing hollow-bearing trees; or where the proposed turbine location is already within 50 metres of existing hollow-bearing trees, the revised location of the turbine is not moved any closer to the existing hollow-bearing trees*

Condition 8(d) of Schedule 2 to the Development Consent is a standard condition for wind farm developments in NSW issued by DPIE. Neither the Development Consent nor DPIE's standard conditions document provides a definition of what constitutes a 'hollow-bearing tree'.



Prior to the commencement of the Biodiversity Assessment Methodology (BAM) (OEH 2017), the standard approach which applied at the time was that hollow bearing trees within 50 m of the wind turbine locations were physically inspected and mapped. In practice, the hollow bearing trees that were mapped had 'usable' or 'material' hollows, typically medium sized hollows as a minimum (e.g. greater than 20 centimetres), that would provide substantial habitat and therefore should be avoided.

However, while no change to the approved wind turbine locations is proposed as part of the Modified Project, the BAM has now commenced and it contains a different approach to surveying for hollows compared to the 'traditional approach' as discussed above.

Section 13 of the BAM defines a 'hollow bearing tree' as "a living or dead tree that has at least one hollow". A tree is considered to contain a hollow if:

- a) *the entrance can be seen*
- b) *the entrance width is at least 5 cm*
- c) *the hollow appears to have depth (i.e. you cannot see solid wood beyond the entrance), and*
- d) *the hollow is at least 1 m above the ground.*

This is not the approach which was contemplated and approved when the Development Consent was granted on 25 May 2017 (some three months prior to the substantial commencement of the *Biodiversity Conservation Act 2016* (NSW) (BC Act) and the establishment of the BAM by Ministerial Order). Further, the Applicant notes that the definition of hollow bearing tree was not included in the original BAM which commenced on 25 May 2017, but rather, it was added some time later.

The BAM is also based on detailed survey plots in which data on hollows (and other attributes) is collected with this data then being extrapolated across the particular vegetation zone. This means that under the BAM, inspections of trees for hollows is potentially not required to be undertaken around all turbine locations, but rather assessed across the entire vegetation zone within the Development Footprint.

If the now current definition of "hollow bearing trees" contained within the BAM were to be retrospectively applied to the already approved Project, it would mean that it would not be possible to micro-site the wind turbines in accordance with the current conditions of the Development Consent. Therefore, in order to remove the potential uncertainty which would otherwise arises from the new definition contained in the BAM, the Applicant requests that a new definition of "hollow bearing tree" be included in Schedule 1 to the Development Consent as follows to reflect the definition applied in practice at the time the Development Consent was granted:

*Hollow Bearing Tree means a tree which contains a hollow with an entrance diameter of 20 centimetres or more.*

### **2.2.3 Sequencing of Preliminary Site Works and Local Road Upgrades**

To enable the Project to reach required construction dates for the TransGrid substation, it is proposed the preliminary works on the internal access roads be progressed in parallel to the local road upgrades. These preliminary works would involve mobilising the earth moving equipment onto the wind farm, as a one way "drop off", whilst commencing work on the local road network upgrades in parallel. This sequencing of work provides significant advantages and efficiencies for the Project, particularly from a construction timing perspective. The internal road networks would be commenced at an early stage of the Project, allowing movement within the wind farm to occur more freely whilst reducing the traffic on the local road network.

The plant intended to be mobilised does not include any of the over-dimensional equipment for the turbines (i.e. blades, towers etc.). The plant that would be required to be mobilised includes the following:

- 6 x excavators (20t to 50t)
- 2 x Scraper
- 1 x Bulldozer – D8
- 1 x Grader
- 8 x moxy dump trucks
- 2 x pad foot roller
- 2 x smooth drum roller

Each Plant would be individually delivered on a float (trailer) then each float would leave site empty.

The Applicant has discussed the sequencing of these preliminary works with Hilltops Council and will continue to consult with them on the practical implications of the these works.

Additionally, these preliminary works will be managed is accordance with the Traffic Management Plan (TMP) required by Condition 30 of Schedule 3 to the Development Consent.

The Applicant is committed to keeping the community informed of the proposed construction schedule, including these preliminary works. Proposed methods of informing the community are outlined in Section 3.3 of the RTS Report.

### 3.0 Updated Environmental Assessments

An updated BDAR and addendum to the ACHA have been prepared to assess the revisions to the Project Infrastructure included in this Amendment Report including:

- adjustment of a 2.3 km section of the Transmission Line (up to 330 kV);
- clarification of the Meteorological Masts;
- refinement of the Development Footprint – External Roads; and
- additional ground disturbance for poles locations and associated track to enable the Project to connect to the TransGrid line.

The ground disturbance of the three construction compounds had already been considered in the BDAR and ACHA.

Removal of three additional wind turbines has not been assessed as part of these revised assessments, thus the proposed impacts of the actual project will be further reduced as part of the 77 wind turbine layout.

The findings of these assessments are outlined in Section 3.1 and 3.2 below. Due to the nature of the refinements, no other environmental assessments were deemed required to assess the potential impacts of the proposed refinements.

#### 3.1 Biodiversity (Vegetation)

An updated BDAR (contained at Appendix B of the RTS Report) has been prepared by Umwelt (Australia) to assess the revisions to the Project infrastructure as outlined above and detailed in Section 2.1.

##### Assessment

The further refinements to the Proposed Modification reduce the total clearing required for the Final Modified Project to 516.83 ha of vegetation (inclusive of non-native vegetation) being a total reduction of 57.89 ha from the Modified Project. This represents a decrease for the Indicative Development Footprint – Wind Farm of 53.1 ha and a decrease for the Indicative Development Footprint – External Roads of 13.96 ha.

total clearing required for the Final Modified Project, 105.18 ha consists of non-native vegetation types, predominantly agricultural grasslands that support exotic grasses and herbs and 15.72 ha is not classified as vegetation (including roads, trucks and waterbodies).

Table 3 below contains details of the changes proposed to the indicative development footprints as part of the Modified Project and the Final Modified Project.

*Table 3 Project Area Ground Disturbance*

Project Component	Approved Project	Modified Project	Final Modified Project	Change from the Modified Project to the Final Modified Project	Change from the Approved Project to the Final Modified Project
Indicative Development Footprint – Wind Farm	256.8 ha	542.1 ha	489 ha <sup>7</sup>	Decrease by 53.14 ha	Increase by 232.2 ha
Indicative Development Footprint – External Roads	-	32.62 ha	18.66 ha <sup>8</sup>	Decrease by 13.96 ha	-

<sup>7</sup> For the Indicative Development Footprint – Wind Farm as part of the Modified Project, the disturbance area calculated for the Transmission lines included the entire easement. The revised disturbance area for Transmission Lines as part of the Final Modified Project more accurately only considers disturbance for the track, poles and string pads in some instances, and the whole easement in others dependent on the vegetation type. This is discussed further in the revised BDAR contained at Appendix B of the RTS.

<sup>8</sup> For the Modification Application, the Indicative Development Footprint – External Roads considered the entire road width, when disturbance will only be on either side of the road corridor.

Project Component	Approved Project	Modified Project	Final Modified Project	Change from the Modified Project to the Final Modified Project	Change from the Approved Project to the Final Modified Project
Indicative Development Footprint – Permanent Met Masts	-	-	9.17 ha	-	-
Total Indicative Development Footprints	256.8 ha	574.76 ha	516.83	Decrease by 57.93 ha	Increase by 260.03 ha

The revised BAM assessment has determined the likely impacts to Plant Community Types (PCTs), and fauna species and associated biodiversity credits require to offset the impacts associated with the Final Modified Project. This is outlined in Table 4 and Table 5 respectively<sup>9</sup>.

**Table 4 Direct Impacts of the Final Modified Project on Biodiversity Features**

Description	Impact – Wind Farm	Impact – External Roads	Impact – Permanent Met Masts	Change from the Modified Project to the Final Modified Project	Change from the Approved Project to the Final Modified Project
<b>Plant Community Types</b>					
<b>PCT 289</b> Mugga Ironbark - Inland Scribbly Gum - Red Box shrub/grass open forest on hills in the upper slopes sub-region of the NSW South Western Slopes Bioregion	0.05 ha	0.73 ha	0 ha	Decrease of 0.29 ha	<i>This was not previously assessed</i>
<b>PCT 335</b> Tussock grass - sedgeland fen - rushland - reedland wetland in impeded creeks in valleys in the upper slopes subregion of the NSW South Western Slopes Bioregion	5.50 ha	0 ha	0 ha	Decrease of 3.65 ha	<i>This was not previously assessed</i>
<b>PCT 350</b> Candlebark - Blakely's Red Gum - Long-leaved Box grassy woodland in the Rye Park to Yass region of the NSW South Western Slopes Bioregion and South Eastern Highland Bioregion	35.60 ha	2 ha	0 ha	Decrease of 1.89 ha	Decrease of 12.60 ha
<b>PCT 351</b> Brittle Gum - Broad-leaved Peppermint - Red Stringybark open forest in the north-western part (Yass to Orange) of the South Eastern Highlands Bioregion.	343.33 ha	1.20 ha	7.6 ha	Decrease of 8.31 ha	Increase of 161.23 ha
<b>Species</b>					

<sup>9</sup> A comparison for ecosystem / species credits between the Final Modified Project and the Approved Project has not been undertaken as the methodology for calculating these credits has changed with implementation of the BAM as part of the Revised BDAR.

Description	Impact – Wind Farm	Impact – External Roads	Impact – Permanent Met Masts	Change from the Modified Project to the Final Modified Project	Change from the Approved Project to the Final Modified Project
Striped legless lizard ( <i>Delma impar</i> )	3.58 ha			No change	Decrease of 45.92 ha
Southern myotis ( <i>Myotis macropus</i> )	0.03 ha			Decrease of 0.07 ha	This was not previously assessed
Squirrel glider ( <i>Petaurus norfolcensis</i> )	102.97 ha			Decrease of 3.22 ha	This was not previously assessed
Superb parrot ( <i>Polytelis swainsonii</i> )	20.08 ha			Increase of 0.20 ha	Decrease of 4.82 ha
Golden sun moth ( <i>Synemon plana</i> )	43.2 ha			Increase of 15.65 ha	Decrease of 23.74 ha

Table 5 Direct Impacts on ecosystem credits

Ecosystem / Species Credits	Ecosystem credits for Final Modified Project	Change from the Modified Project to the Final Modified Project
<b>Plant Community Types</b>		
<b>PCT 289</b> Mugga Ironbark - Inland Scribbly Gum - Red Box shrub/grass open forest on hills in the upper slopes sub-region of the NSW South Western Slopes Bioregion	26 credits	Decrease of 8 credits
<b>PCT 335</b> Tussock grass - sedgeland fen - rushland - reedland wetland in impeded creeks in valleys in the upper slopes subregion of the NSW South Western Slopes Bioregion	125 credits	Decrease of 108 credits
<b>PCT 350</b> Candlebark - Blakely's Red Gum - Long-leaved Box grassy woodland in the Rye Park to Yass region of the NSW South Western Slopes Bioregion and South Eastern Highland Bioregion	883 credits	Decrease of 24 credits
<b>PCT 351</b> Brittle Gum - Broad-leaved Peppermint - Red Stringybark open forest in the north-western part (Yass to Orange) of the South Eastern Highlands Bioregion.	5,353 credits	Decrease of 198 credits
<b>Species</b>		
Striped legless lizard ( <i>Delma impar</i> )	27 credits	Decrease of 7 credits
Southern myotis ( <i>Myotis macropus</i> )	1 credit	Decrease of 2 credits
Squirrel glider ( <i>Petaurus norfolcensis</i> )	3,635 credits	Increase of 199 credits
Superb parrot ( <i>Polytelis swainsonii</i> )	579 credits	Increase of 22 credits
Golden sun moth ( <i>Synemon plana</i> )	716 credits	Increase of 164 credits

Further, the Final Modified Project will still have a reduced impact on:

- White Box Yellow Box Blakely's Red Gum Woodland Grassland Critically Endangered Ecological Community (CEEC) under the BC Act. Impact will be reduced by 12.70 ha compared to the Approved Project. This is an additional reduction of 1.56 ha compared with the Modified Project.<sup>10</sup>

<sup>10</sup> It is noted that in relation to the State Approval Consent Conditions described above, since this decision was made, the conservation status listing of 'Box Gum Woodland EEC' was updated on 17 July 2020 to a Critically Endangered Ecological

- Habitat for striped legless lizard, the superb parrot, and golden sun moth listed under the *Environmental Protection and Biodiversity Conservation Act 1999* (Cwth) (EPBC Act).

However, the Final Modified Project will still have an increased impact on matters listed protected by the EPBC Act:

- *White Box Yellow Box Blakely's Red Gum Woodland and Derived Native Grassland* Critically Endangered Ecological Community (CEEC) under the EPBC Act. Impacts on this CEEC from the Final Modified Project is 26.23 ha more than the impact threshold of 9.5 ha as identified in Condition 3 of EPBC Approval 2014/7163 granted subject to conditions on 6 December 2017 (EPBC Approval). However, this is 4.8 ha less than impacts proposed under the Modified Project, and
- Hollow bearing trees suitable for the superb parrot. Compared to the 170 hollow bearing trees authorised in the EPBC Approval, the Final Modified Project will impact on an additional 63 hollow bearing trees.

The Applicant proposes to re-refer the Final Modified Project under the EPBC Act. The referral to the Department of Agriculture, Water and the Environment (DAWE) is currently being finalised. The referral will assess the impacts of the Final Modified Project, on all matters protected by the EPBC Act, including listed threatened species and communities protected by the EPBC Act.

As the refinements proposed to the Final Modified Project infrastructure are minor in nature, the minimisation and avoidance measures outlined in Section 7.5 the Modification Application Report have not changed. Further, the manner in which the Applicant will satisfy the relevant conditions of the Development Consent and comply with the required mitigation measures has also not changed.

The Applicant remains committed to the design and implementation of a comprehensive biodiversity mitigation strategy (BMS) to mitigate the unavoidable impacts of the Project. These measures will be designed and described within the Biodiversity Management Plan which will be prepared in accordance with Condition 22 of Schedule 3 to the Development Consent and the Roadside Vegetation Management Plan (RVMP) which will be prepared in accordance with Conditions 9 of the EPBC Approval (as updated following the re-referral of the Final Modified Project under the EPBC Act).

**Therefore, the additional revisions to the Indicative Development Footprints will further reduce the level of impacts associated with the Final Modified Project, including reduced impacts on all PCTs and several fauna species.**

### 3.2 Aboriginal Cultural Heritage

An Addendum to the ACHA (contained at Appendix M of the RTS Report) has been prepared by NGH Pty Ltd to assess the revisions to the Indicative Development Footprint – Wind Farm and the Indicative Development Footprint – External Roads, and addition of the Indicative Development Footprint – Permanent Met Masts (discussed in Section 2.1).

#### Consultation with Registered Aboriginal Parties

Since the ACHA that supported the Modification Application was sent to the Registered Aboriginal Parties (RAPs) on 6 April 2020, no comments have been received.

As part of preparation of the Addendum to the ACHA, notification was made to the RAPs on 30 June 2020 and fieldwork was completed with representatives of the Onerwal LALC and Buru Ngunawal Aboriginal Corporation. The draft Addendum to the ACHA has also been sent to the RAPs for comment.

The Addendum to the ACHA will be finalised and submitted to DPIE once comments have been received from the RAPs and incorporated into the addendum.

#### Assessment

The Addendum to the ACHA found three additional isolated Aboriginal heritage items. Table 6 summarises the previously unrecorded Aboriginal Heritage items identified as part of the Final Modified Project, including their level of significance, the likely impact on each of these isolated items, and applicable mitigation measures to minimise harm.

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Community (CEEC). It is assumed that the reference to clearance thresholds to the 'Box Gum Woodland EEC' will apply to the updated CEEC.

**Table 6 Additional Impacts to Aboriginal Heritage Items as part of the Final Modified Project**

ACH Object	Significance	Likely Impact	Mitigation Measure
Isolated Find (IF) 14 – Quartz flake	Low	Direct. The site is in an area of proposed external road upgrades	Salvage prior to construction
IF 15 - Quartz core tool	Low	Direct. The site is in an area proposed for underground cabling and an access track	It may be possible to avoid this isolated find with a 5 m buffer zone in place. If impact cannot be avoided, salvage isolated find prior to construction.
IF 16 - Quartz flake	Low	Direct. The site is in an area proposed for an 33kV overhead transmission line and an access track	It may be possible to avoid this isolated find with a 5 m buffer zone in place. If impact cannot be avoided, salvage isolated find prior to construction.
Cultural Tree 1	No archaeological significance	Cultural Tree 1 is outside the Indicative Development Footprint – External Roads and therefore direct impacts are likely to be avoided. Cultural Tree 2 and 3 are within the Indicative Development Corridor – Permanent Met Masts and could potentially be avoided in the final layout.	Avoidance of harm to these trees would require a 15m to 20m buffer zone for ground surface disturbing works, and complete avoidance of the canopy areas.
Cultural Tree 2			
Cultural Tree 3			

Whilst these additional archaeological sites have been recorded in the Final Modified Project area, there is considered to be negligible potential for the presence of additional intact subsurface deposits with high densities of objects or cultural material at these sites. Further, the research potential of the sites is low as each constitutes a single artefacts with little other material for research.

As outlined in Table 6, impacts to the three isolated finds can be mitigated through salvage and reburial in a safe location prior to construction. Additionally, three trees with cultural significance were also identified by the RAPs during fieldwork. While these trees do not present any archaeological features, they have been identified by the RAPs as holding cultural value to the local Aboriginal community. It is therefore recommended that the proposed works avoid these trees. The Applicant will endeavor to avoid the cultural trees during the design of the final layout.

As noted by BCD in their submission, the Aboriginal Heritage Items contained in Tables 1, 2 and 3 and the map of Aboriginal Heritage Items of Appendix 5 of the Development Consent has been updated to show the Aboriginal Heritage Items listed as part of the Approved Project, and additional items as part of the Modified Project and Final Modified Project. The list of Aboriginal Heritage Items is listed within the ACHA RTSR contained at Appendix L of the RTS Report. The revised map of Aboriginal Heritage items within the Project Development Corridor – Wind Farm and Development Corridor – Permanent Met Masts is contained at Appendix F.

It should be noted that the area to accommodate the additional pole locations for TransGrid has not been surveyed. The Applicant has committed to surveying this area prior to construction and will again offer the RAPs participate. A report detailing the results will be completed and added to an updated Addendum to the ACHA.

This has been added to the Statement of Commitment (SoCs) contained at Appendix G.

**Therefore, it is considered the proposed refinements to the Project infrastructure will not materially change the level of Aboriginal heritage impacts associated with the Final Modified Project.**



## 4.0 Conclusion

As described in this Amendment Report, clarifications have been made to the Modified Project in response to:

- submissions made during the public exhibition period;
- ongoing consultation with landholders and government agencies; and
- progression of the Project's detailed design.

The recent revisions to the Indicative Development Footprints, will further reduce the level of impacts associated with the Final Modified Project compared with the Modified Project. Specifically:

- the Revised BDAR determined the Final Modified Project will have a reduced impacts on all PCTs and several fauna species; and
- the Addendum to the ACHA found the Final Modified Project will not materially change the level of Aboriginal heritage impacts associated with the Final Modified Project.

The Applicant believes that the removal of the additional three wind turbines will address community and DPIE's concerns related to the visual impact on Rye Park village.

Additionally, the further modifications to the Development Consent in response to the submissions and ongoing consultation with BCD and the EPA will enable the Development Consent to be further aligned with the BAM and the Noise Bulletin.

The Applicant considers the refinements proposed as part of the Final Modified Project to be minor in nature and generally lessen the impacts compared to the Modified Project.

## References

Department of Planning and Environment, December 2016, *Wind Energy: Noise Assessment Bulletin for State significant wind energy development*

Epuron, January 2014, *Rye Park Wind Farm Environmental Assessment*

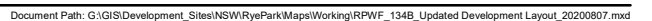
Epuron, May 2016, *Rye Park Wind Farm Response to Submissions*

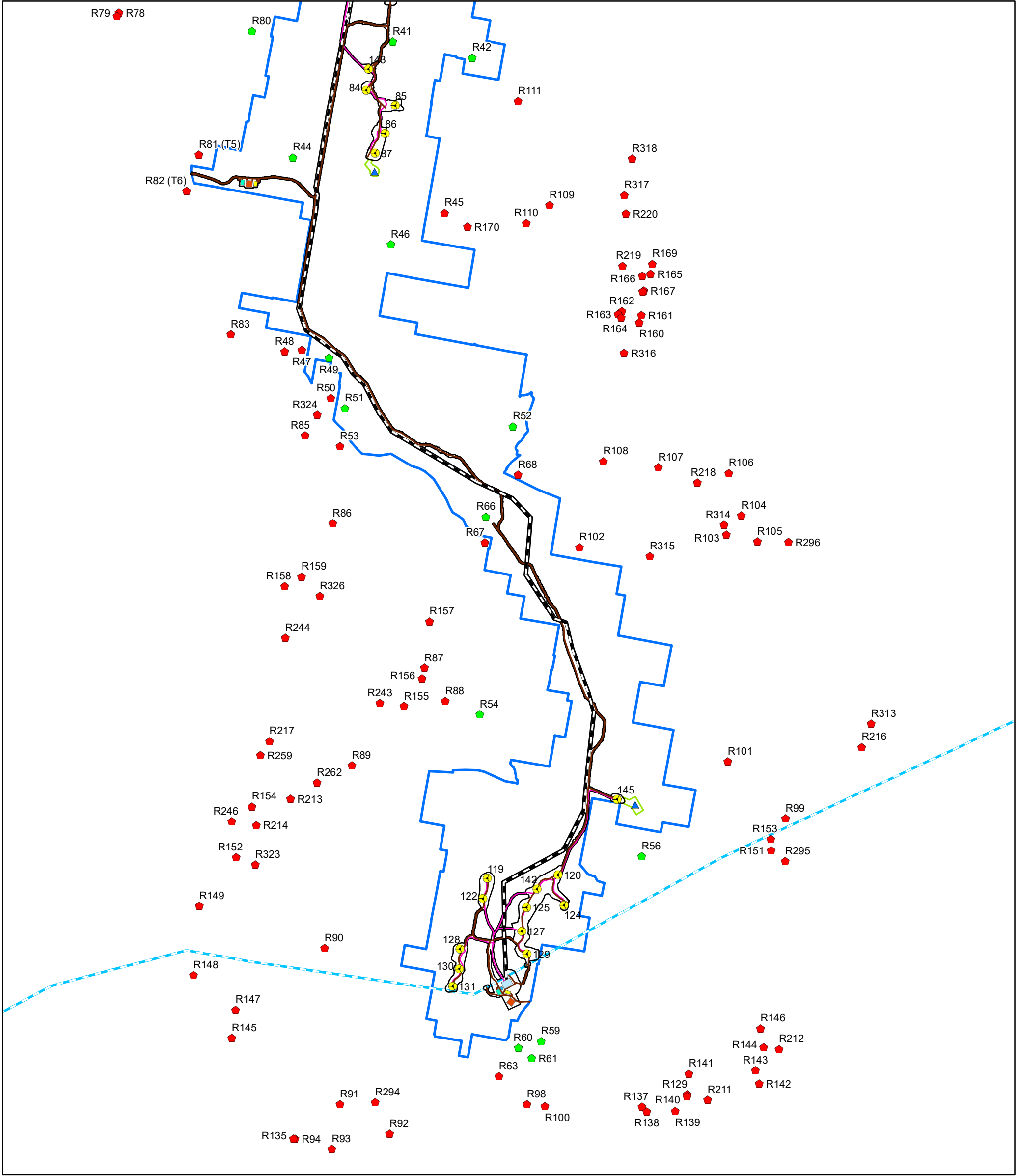
Rye Park Renewable Energy Pty Ltd (RPRE), April 2020, *Rye Park Wind Farm Modification Application Report*

Rye Park Renewable Energy Pty Ltd (RPRE), August 2020, *Rye Park Wind Farm Response to Submissions Report*



## Appendix A: Updated Development Layout





Indicative Turbine Layout

Permanent Met Masts

Access Tracks

Underground Cable (33kV)

Transmission Line (33kV)

Transmission Line (Up to 330kV)

TransGrid Transmission Line (330kV)

Collector Substation

Connection Substation

Temporary Batch Plants

O&M Facility

Temporary Construction Compounds

Temporary Laydown Area

Development Corridor – Wind Farm

Development Corridor – Permanent Met Masts

Project Boundary

Associated

Non-Associated

**Residences**

**Note 1.** The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.

**Note 2.** The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.

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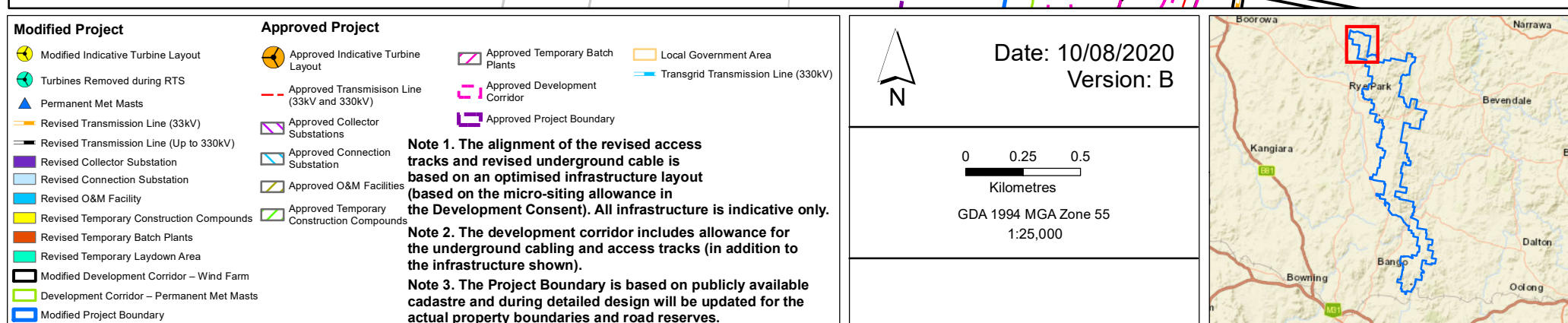
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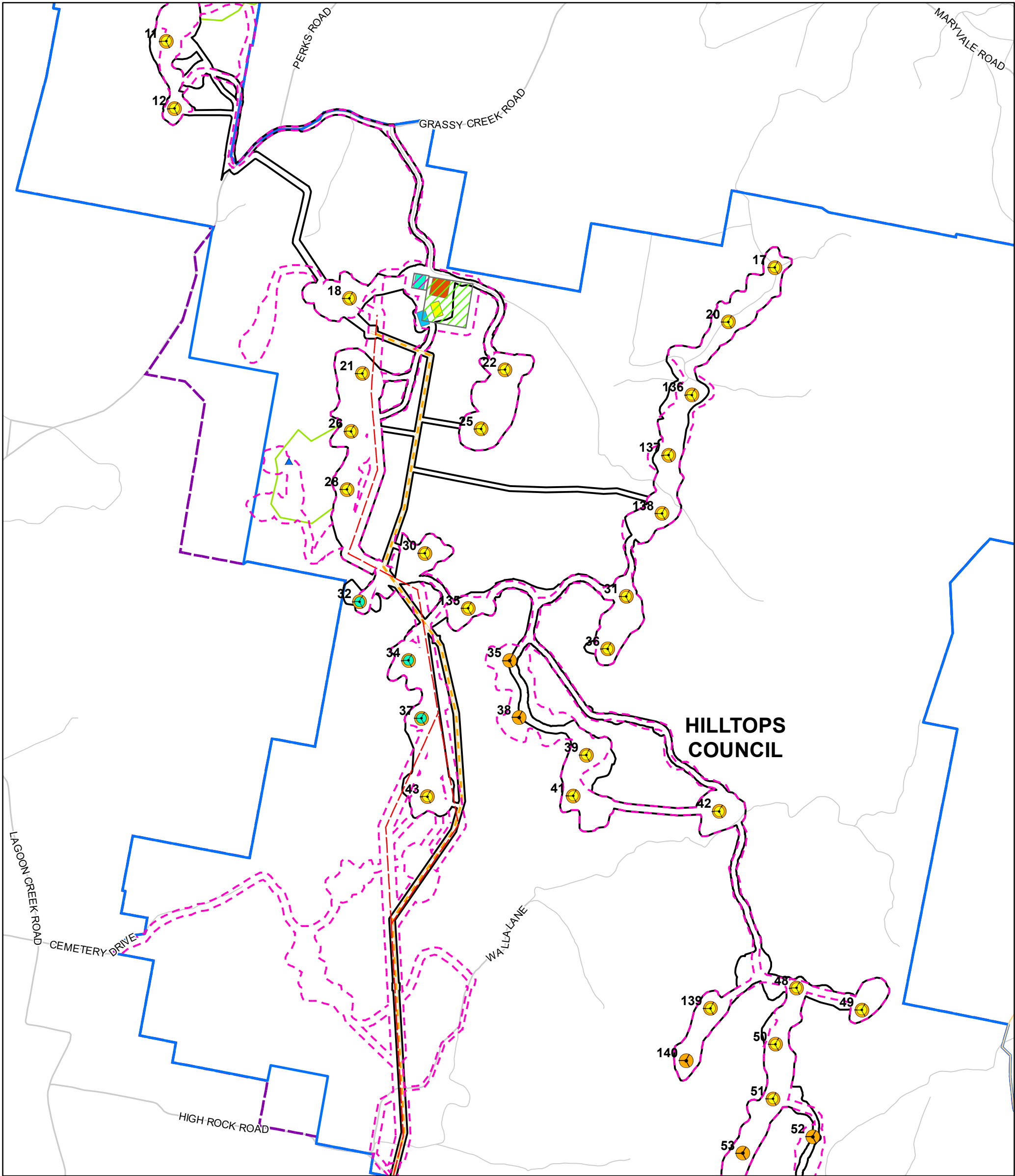
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Updated Development Layout  
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## Appendix B: Infrastructure Changes





**Modified Project**

- Modified Indicative Turbine Layout
- Turbines Removed during RTS
- Permanent Met Masts
- Revised Transmission Line (33kV)
- Revised Transmission Line (Up to 330kV)
- Revised Collector Substation
- Revised Connection Substation
- Revised O&M Facility
- Revised Temporary Construction Compounds
- Revised Temporary Batch Plants
- Revised Temporary Laydown Area
- Modified Development Corridor – Wind Farm
- Development Corridor – Permanent Met Masts
- Modified Project Boundary

**Approved Project**

- Approved Indicative Turbine Layout
- Approved Transmission Line (33kV and 330kV)
- Approved Collector Substations
- Approved Connection Substation
- Approved O&M Facilities
- Approved Temporary Construction Compounds
- Approved Temporary Batch Plants
- Approved Project Boundary
- Approved Development Corridor
- Approved Project Boundary
- Local Government Area
- Transgrid Transmission Line (330kV)

**Note 1.** The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.

**Note 2.** The development corridor includes allowance for the underground cabling and access tracks (in addition to the infrastructure shown).

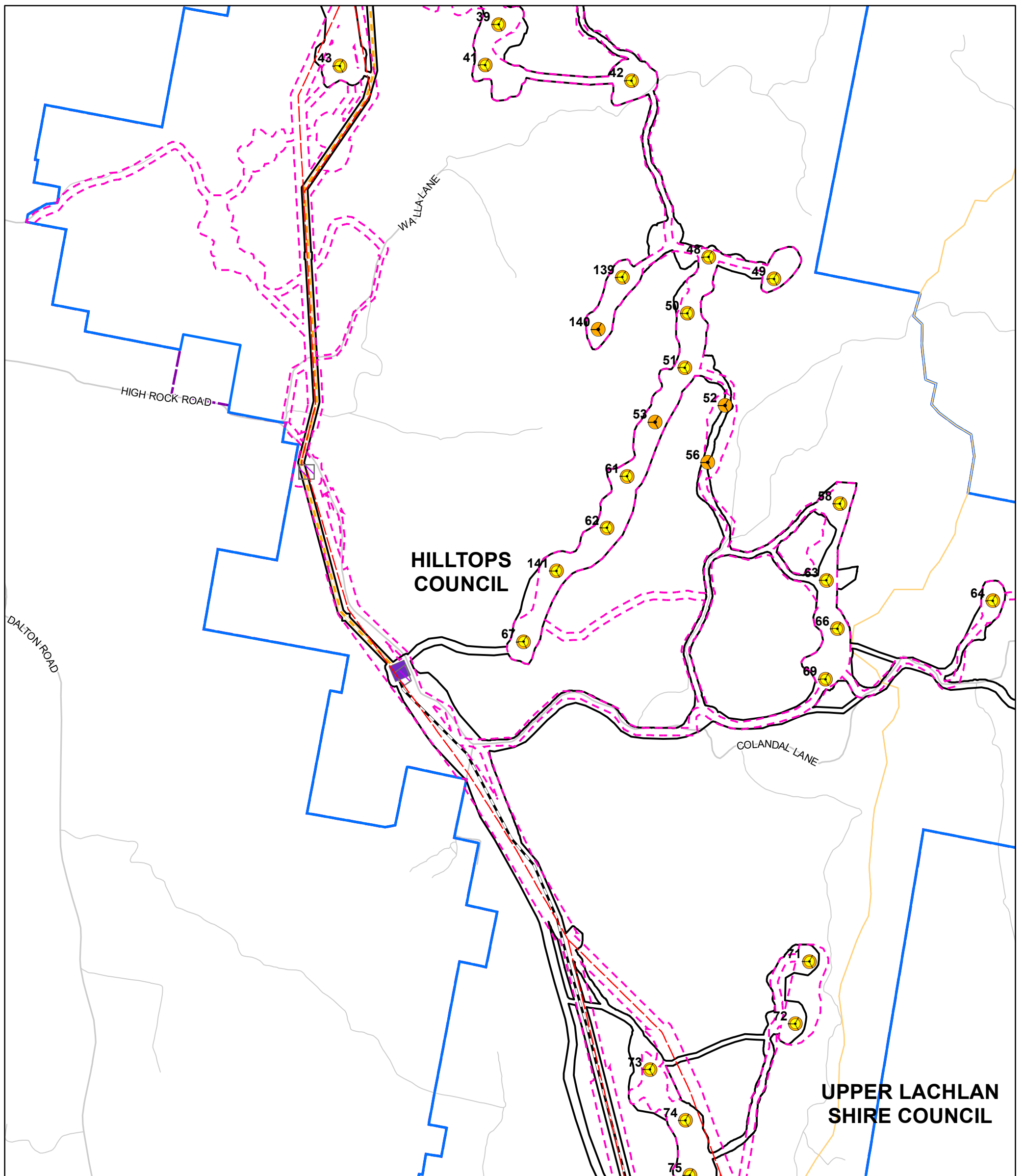
**Note 3.** The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.

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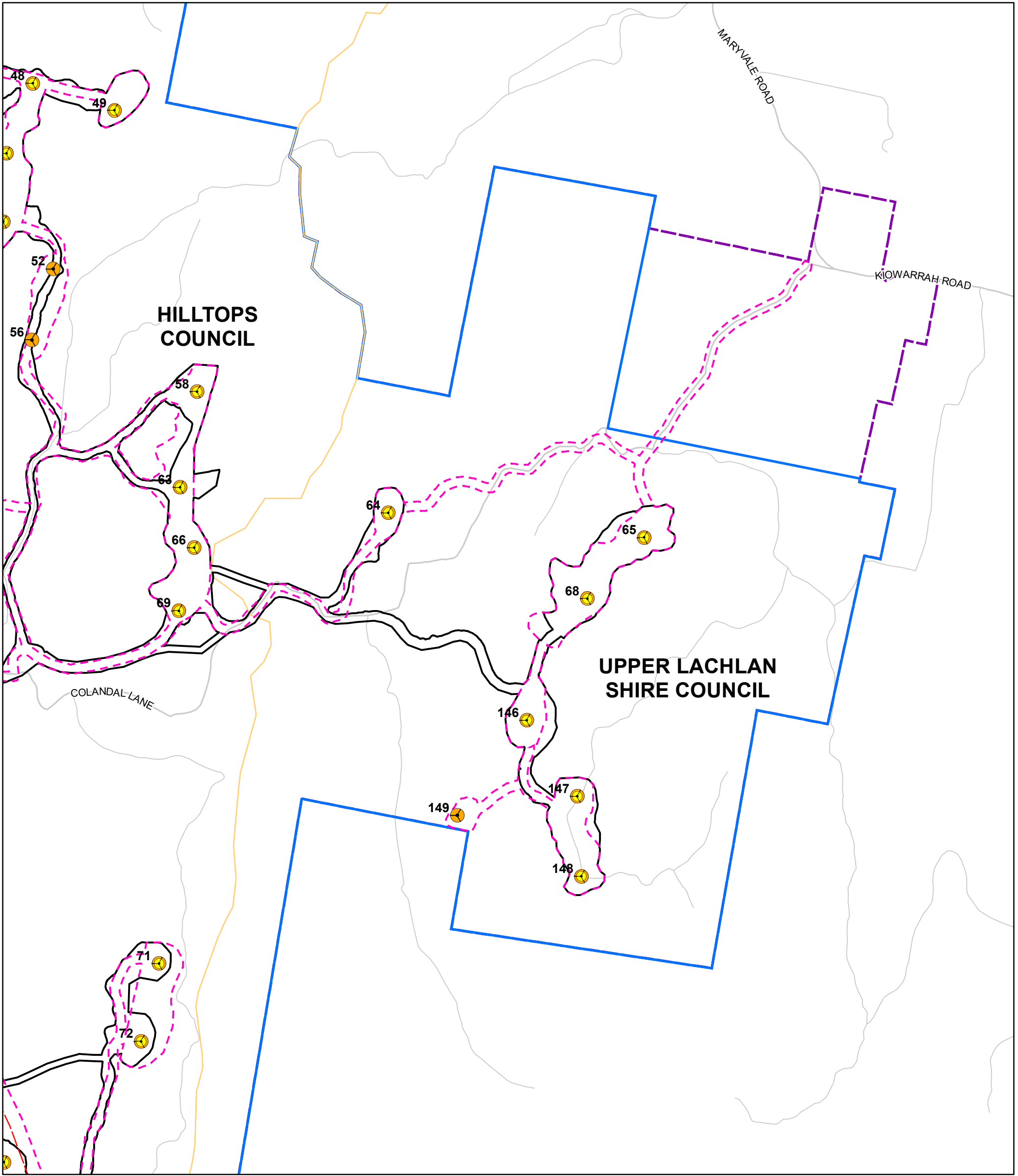


Modified Project	Approved Project	Notes
<ul style="list-style-type: none"> <li>Modified Indicative Turbine Layout</li> <li>Turbines Removed during RTS</li> <li>Permanent Met Masts</li> <li>Revised Transmission Line (33kV)</li> <li>Revised Transmission Line (Up to 330kV)</li> <li>Revised Collector Substation</li> <li>Revised Connection Substation</li> <li>Revised O&amp;M Facility</li> <li>Revised Temporary Construction Compounds</li> <li>Revised Temporary Batch Plants</li> <li>Revised Temporary Laydown Area</li> <li>Modified Development Corridor – Wind Farm</li> <li>Development Corridor – Permanent Met Masts</li> <li>Modified Project Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Approved Indicative Turbine Layout</li> <li>Approved Transmision Line (33kV and 330kV)</li> <li>Approved Collector Substations</li> <li>Approved Connection Substation</li> <li>Approved O&amp;M Facilities</li> <li>Approved Temporary Construction Compounds</li> <li>Approved Temporary Batch Plants</li> <li>Approved Temporary Laydown Area</li> <li>Approved Project Boundary</li> <li>Approved Development Corridor</li> <li>Approved Project Boundary</li> <li>Local Government Area</li> <li>Transgrid Transmission Line (330kV)</li> </ul>	<p><b>Note 1.</b> The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.</p> <p><b>Note 2.</b> The development corridor includes allowance for the underground cabling and access tracks (in addition to the infrastructure shown).</p> <p><b>Note 3.</b> The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.</p>

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**Modified Project**

- Modified Indicative Turbine Layout
- Turbines Removed during RTS
- Permanent Met Masts
- Revised Transmission Line (33kV)
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- Revised Collector Substation
- Revised Connection Substation
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- Revised Temporary Batch Plants
- Revised Temporary Laydown Area
- Modified Development Corridor – Wind Farm
- Development Corridor – Permanent Met Masts
- Modified Project Boundary

**Approved Project**

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- Approved Collector Substations
- Approved Connection Substation
- Approved O&M Facilities
- Approved Temporary Construction Compounds
- Approved Temporary Batch Plants
- Approved Temporary Laydown Area
- Approved Project Boundary
- Approved Development Corridor
- Approved Project Boundary
- Local Government Area
- Transgrid Transmission Line (330kV)

**Note 1.** The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.

**Note 2.** The development corridor includes allowance for the underground cabling and access tracks (in addition to the infrastructure shown).

**Note 3.** The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.

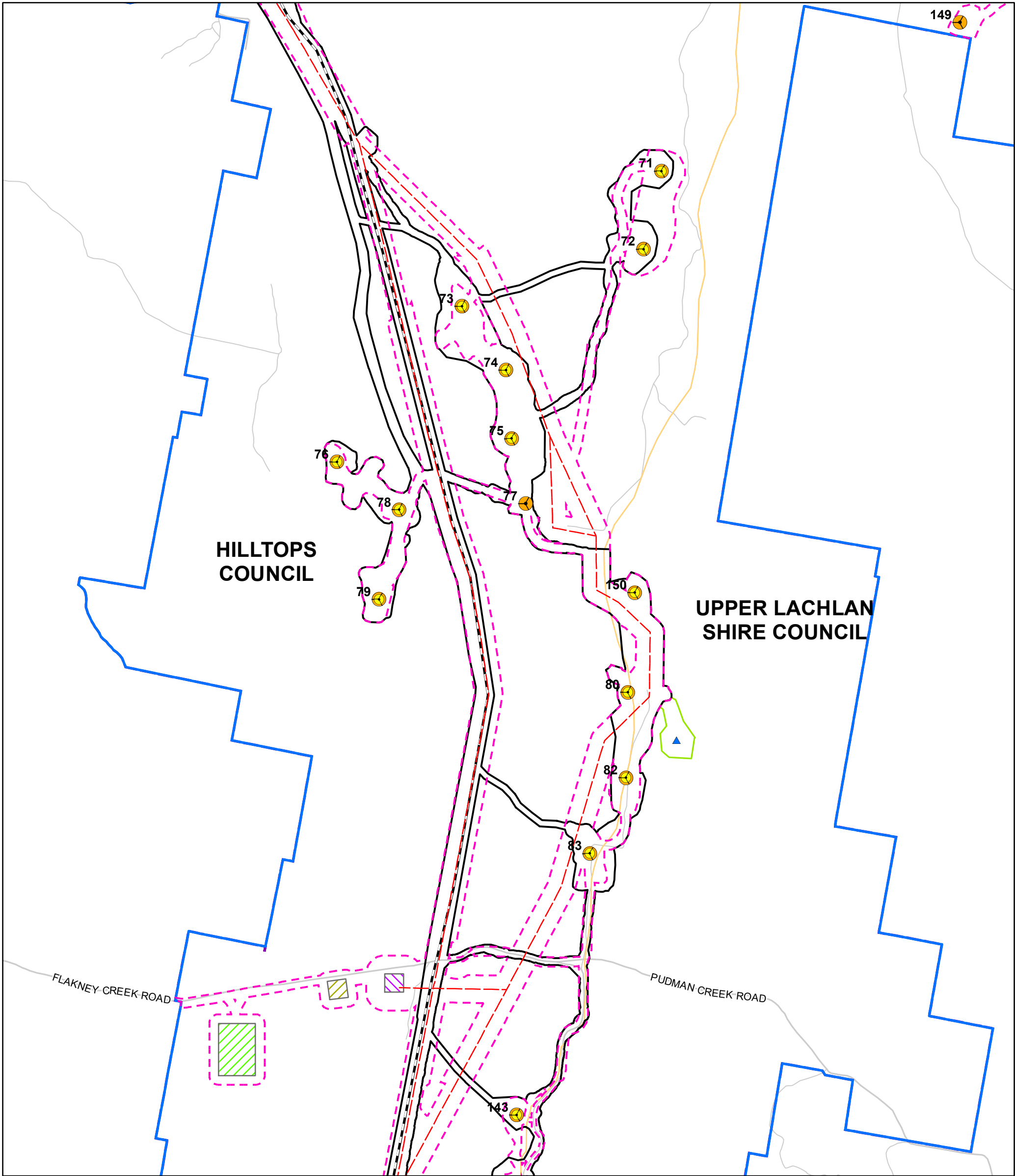
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**Modified Project**

- Modified Indicative Turbine Layout
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- Approved Connection Substation
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- Approved Project Boundary
- Approved Development Corridor
- Approved Project Boundary

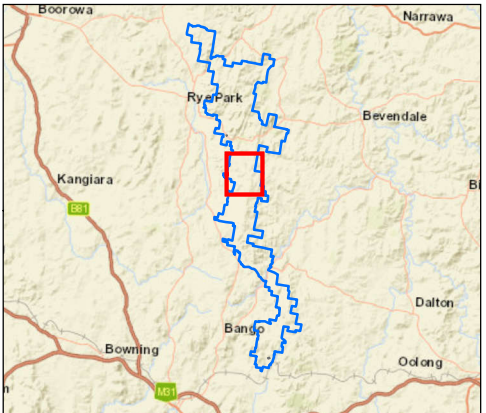
**Note 1.** The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.

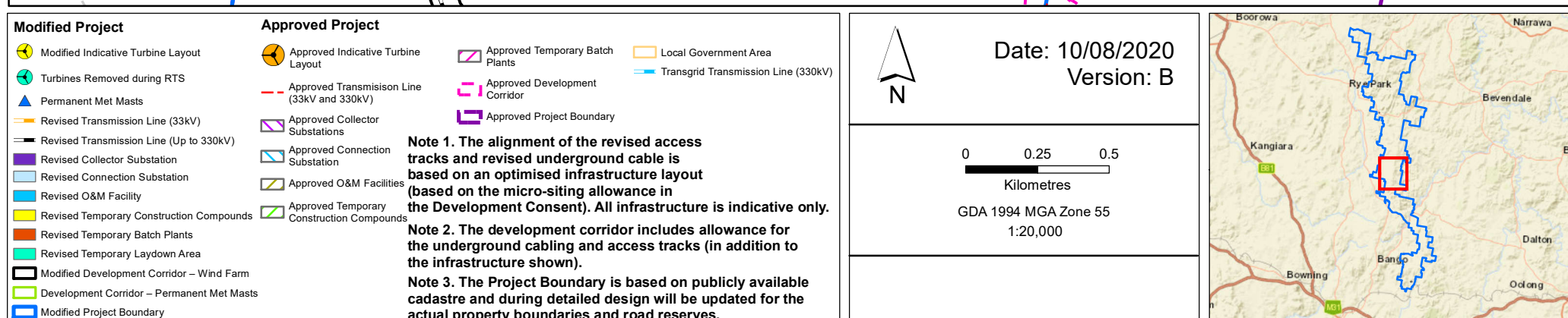
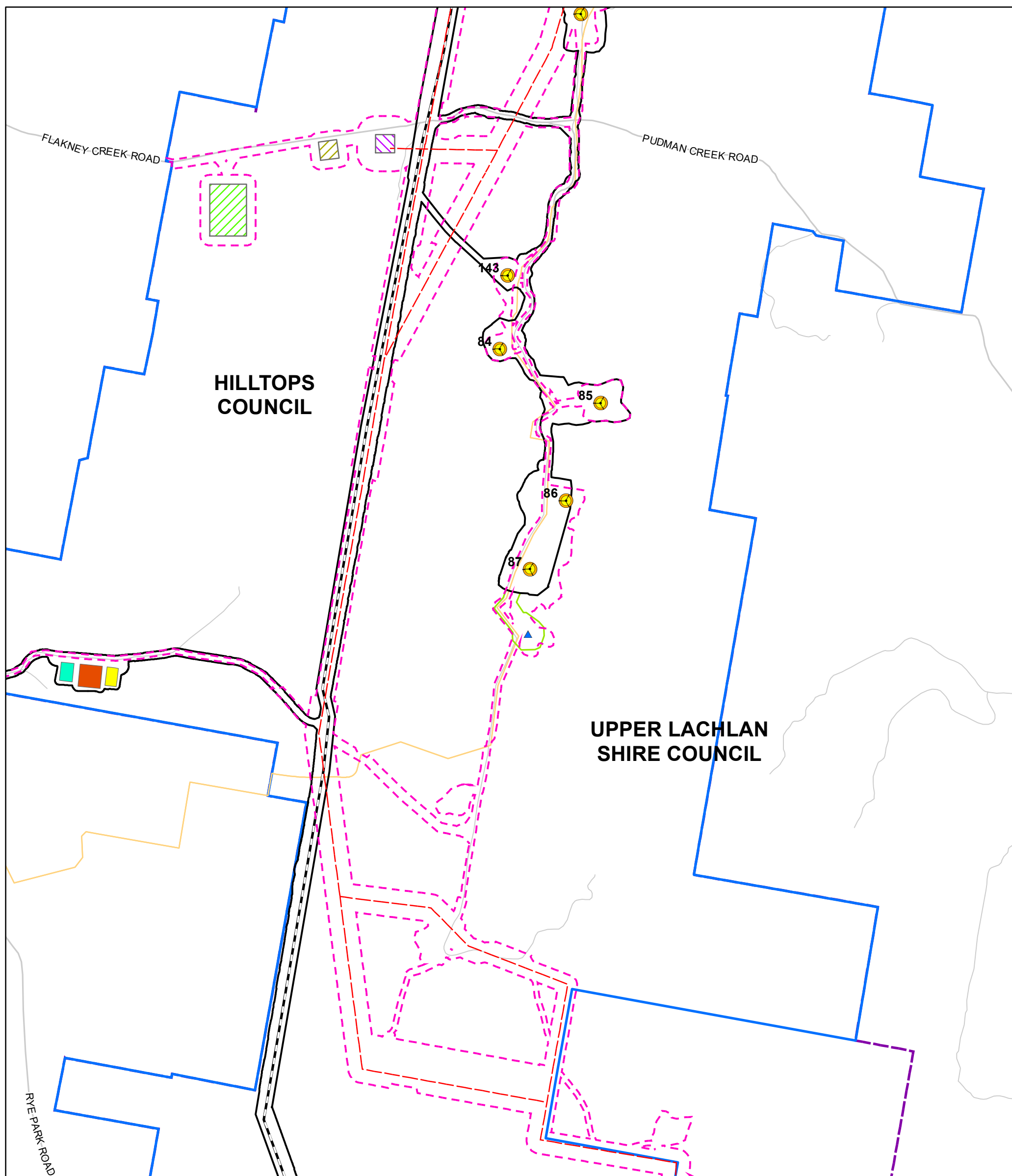
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**Note 3.** The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.

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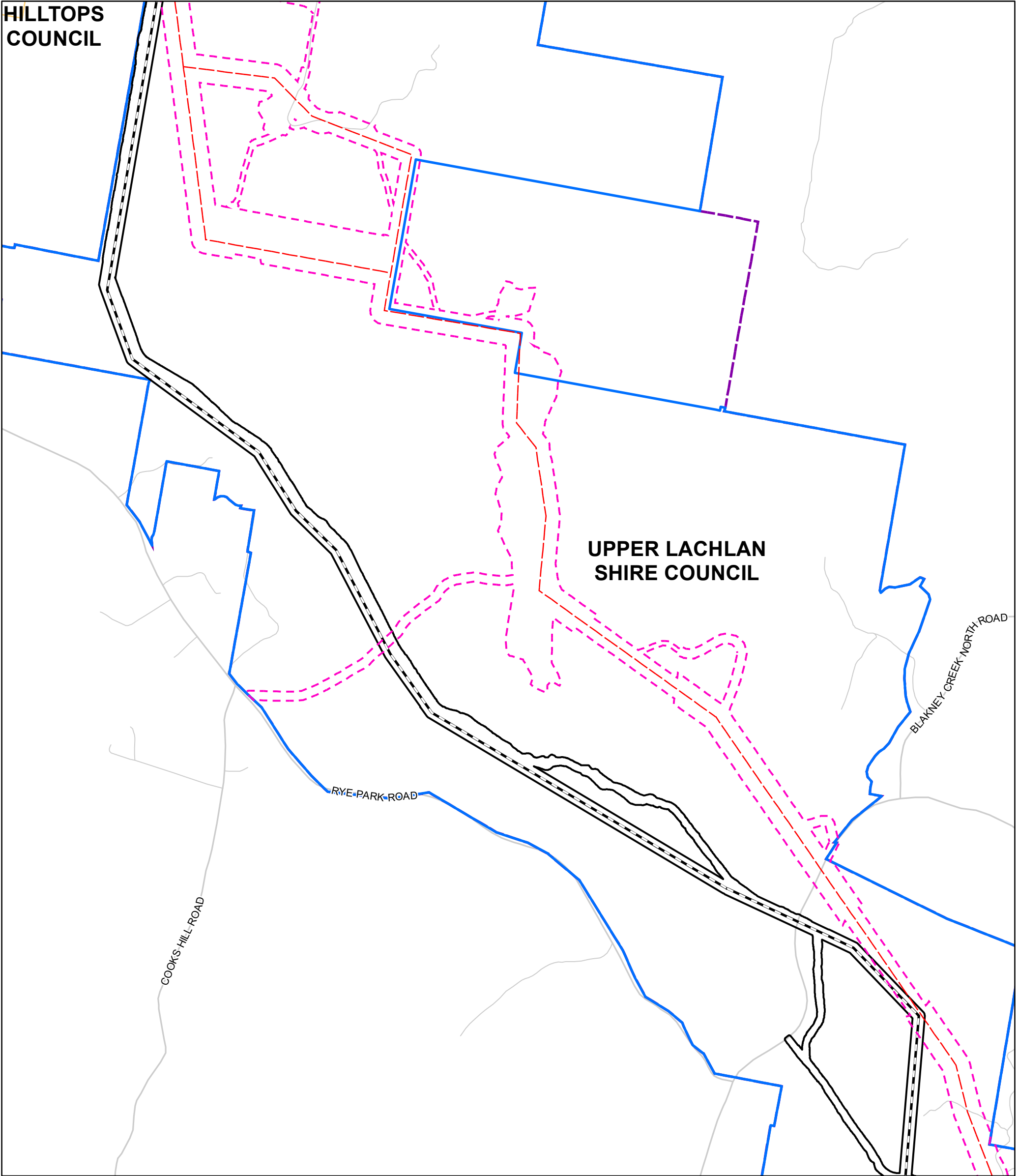
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GDA 1994 MGA Zone 55  
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# Rye Park Wind Farm

## Infrastrucure Changes



**Modified Project**

- Modified Indicative Turbine Layout
- Turbines Removed during RTS
- Permanent Met Masts
- Revised Transmission Line (33kV)
- Revised Transmission Line (Up to 330kV)
- Revised Collector Substation
- Revised Connection Substation
- Revised O&M Facility
- Revised Temporary Construction Compounds
- Revised Temporary Batch Plants
- Revised Temporary Laydown Area
- Modified Development Corridor – Wind Farm
- Development Corridor – Permanent Met Masts
- Modified Project Boundary

**Approved Project**

- Approved Indicative Turbine Layout
- Approved Transmision Line (33kV and 330kV)
- Approved Collector Substations
- Approved Connection Substation
- Approved O&M Facilities
- Approved Temporary Construction Compounds
- Approved Temporary Batch Plants
- Approved Project Boundary
- Approved Development Corridor
- Approved Project Boundary
- Local Government Area
- Transgrid Transmission Line (330kV)

**Note 1.** The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.

**Note 2.** The development corridor includes allowance for the underground cabling and access tracks (in addition to the infrastructure shown).

**Note 3.** The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.

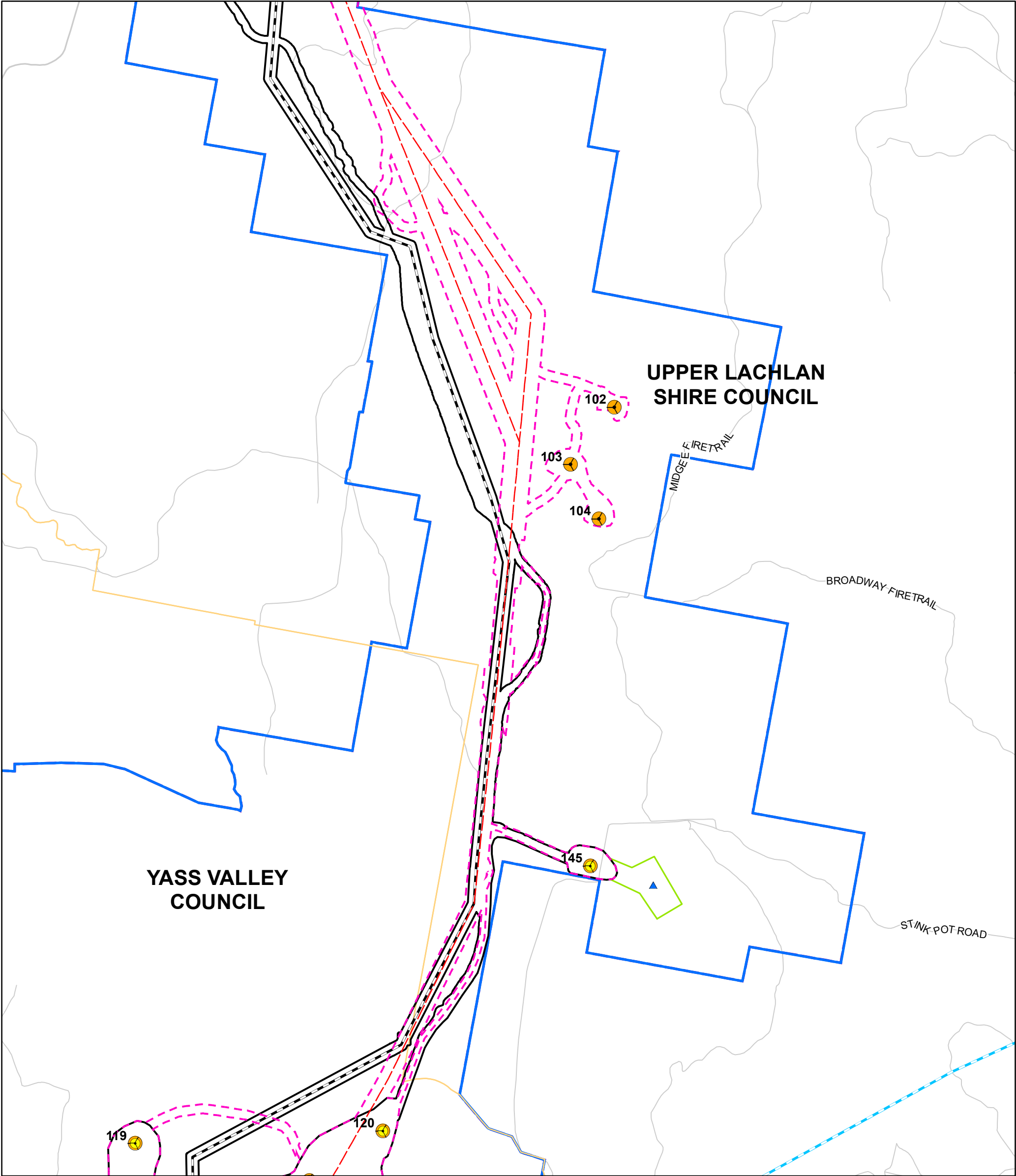
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Rye Park Wind Farm  
Infrastrucure Changes  
Page 7 of 9





**Modified Project**

- Modified Indicative Turbine Layout
- Turbines Removed during RTS
- Permanent Met Masts
- Revised Transmission Line (33kV)
- Revised Transmission Line (Up to 330kV)
- Revised Collector Substation
- Revised Connection Substation
- Revised O&M Facility
- Revised Temporary Construction Compounds
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- Revised Temporary Laydown Area
- Modified Development Corridor – Wind Farm
- Development Corridor – Permanent Met Masts
- Modified Project Boundary

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- Approved Project Boundary
- Local Government Area
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**Note 3.** The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.

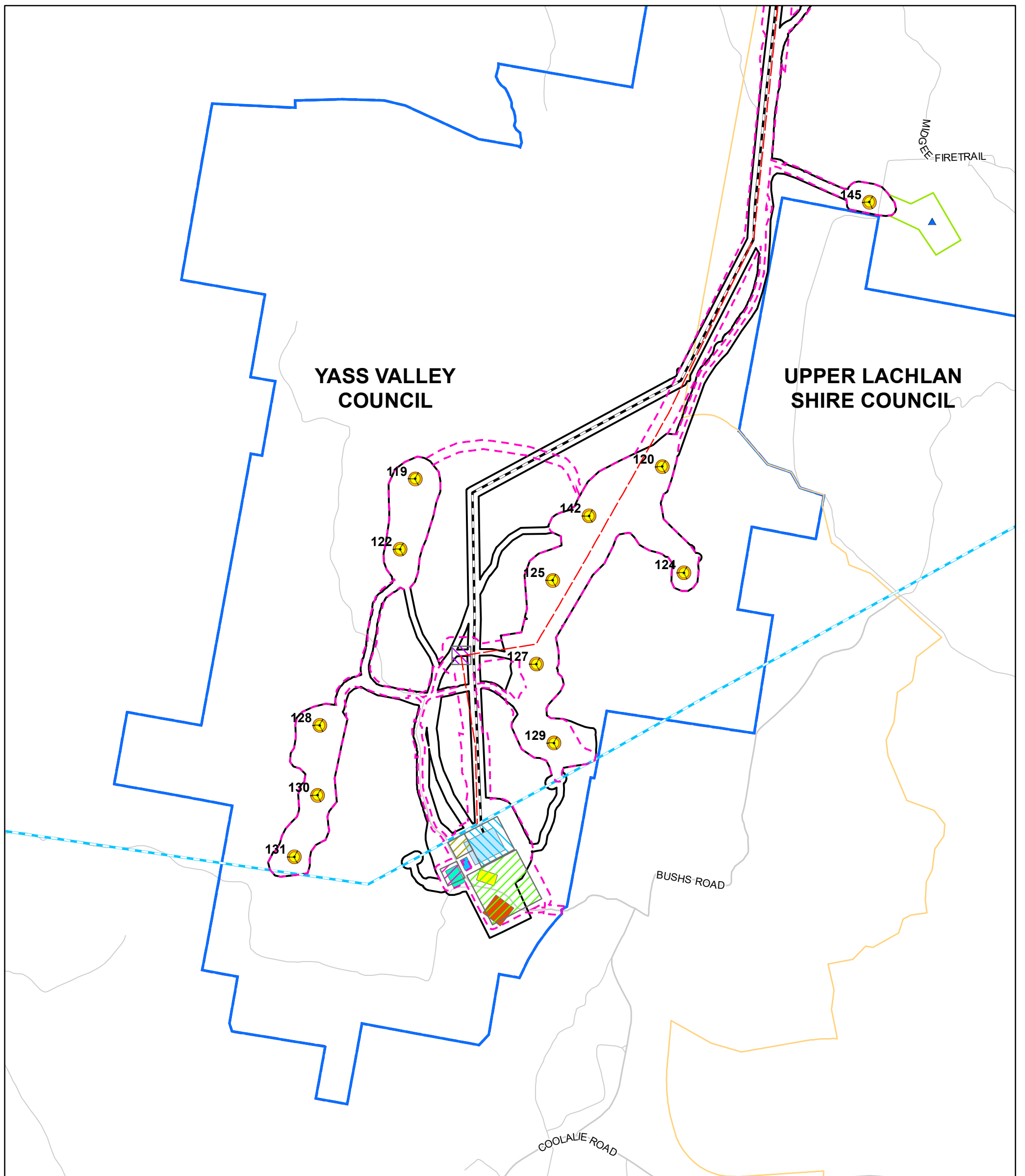
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Modified Project	Approved Project	Notes
<ul style="list-style-type: none"> <li>Modified Indicative Turbine Layout</li> <li>Turbines Removed during RTS</li> <li>Permanent Met Masts</li> <li>Revised Transmission Line (33kV)</li> <li>Revised Transmission Line (Up to 330kV)</li> <li>Revised Collector Substation</li> <li>Revised Connection Substation</li> <li>Revised O&amp;M Facility</li> <li>Revised Temporary Construction Compounds</li> <li>Revised Temporary Batch Plants</li> <li>Revised Temporary Laydown Area</li> <li>Modified Development Corridor – Wind Farm</li> <li>Development Corridor – Permanent Met Masts</li> <li>Modified Project Boundary</li> </ul>	<ul style="list-style-type: none"> <li>Approved Indicative Turbine Layout</li> <li>Approved Transmision Line (33kV and 330kV)</li> <li>Approved Collector Substations</li> <li>Approved Connection Substation</li> <li>Approved O&amp;M Facilities</li> <li>Approved Temporary Construction Compounds</li> <li>Approved Temporary Batch Plants</li> <li>Approved Development Corridor</li> <li>Approved Project Boundary</li> <li>Local Government Area</li> <li>Transgrid Transmission Line (330kV)</li> </ul>	<p><b>Note 1.</b> The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.</p> <p><b>Note 2.</b> The development corridor includes allowance for the underground cabling and access tracks (in addition to the infrastructure shown).</p> <p><b>Note 3.</b> The Project Boundary is based on publicly available cadastre and during detailed design will be updated for the actual property boundaries and road reserves.</p>

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Date: 10/08/2020  
Version: B

0 0.25 0.5  
Kilometres

GDA 1994 MGA Zone 55  
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## Appendix C: Updated Wind Turbine Coordinates

## WIND TUBRINE COORDINATES

Wind Turbine ID	Coordinates	
	Easting	Northing
1	676629	6186672
2	676471	6186291
3	676320	6185897
4	676320	6185509
5	677805	6185279
6	676377	6185158
7	677490	6184967
9	677384	6184591
11	677266	6184203
12	677322	6183750
17	681368	6182678
18	678502	6182471
20	681054	6182312
21	678588	6181965
22	679549	6181989
25	679389	6181591
26	678511	6181575
28	678484	6181184
30	679009	6180754
31	680367	6180463
32	678570	6180428
34	678899	6180032
35	679581	6180032
36	680242	6180109
37	678987	6179642
38	679645	6179648
39	680098	6179394
41	680008	6179119
42	680994	6179015
43	679027	6179114
48	681515	6177825
49	681955	6177678
50	681372	6177446
51	681355	6177078

Wind Turbine ID	Coordinates	
	Easting	Northing
63	682309	6175,645
64	683431	6175,508
65	684812	6175374
66	682384	6175319
67	680267	6175231
68	684506	6175044
69	682302	6174979
71	682195	6173075
72	682099	6172655
73	681120	6172346
74	681358	6172003
75	681388	6171634
76	680446	6171508
77	681464	6171283
78	680782	6171250
79	680673	6170767
80	682014	6170267
82	682004	6169806
83	681810	6169398
84	681373	6167591
85	681917	6167300
86	681730	6166773
87	681536	6166404
102	686233	6156685
103	685997	6156377
104	686150	6156084
119	683654	6152722
120	684987	6152789
122	683572	6152343
124	685103	6152217
125	684396	6152175
127	684307	6151723
128	683138	6151393
129	684402	6151298

Wind Turbine ID	Coordinates	
	Easting	Northing
139	680934	6177688
140	680771	6177337
141	680488	6175710
142	684592	6152523
143	681415	6167988
145	686104	6154215
146	684178	6174388
147	684451	6173978
148	684474	6173545
149	683804	6173875
150	682052	6170803
151	677325	6185689

*Note: Wind Turbines in red have been removed from the Modified Project and Final Modified Project*

Wind Turbine ID	Coordinates	
	Easting	Northing
52	681625	6176824
53	681153	6176713
56	681509	6176441
58	682400	6176161
61	680965	6176347
62	680830	6175999

Wind Turbine ID	Coordinates	
	Easting	Northing
130	683127	6151016
131	683001	6150684
135	679301	6180383
136	680809	6181821
137	680652	6181414
138	680607	6181022

Wind Turbine ID	Coordinates	
	Easting	Northing

## Appendix D: Indicative Development Footprint - External Roads

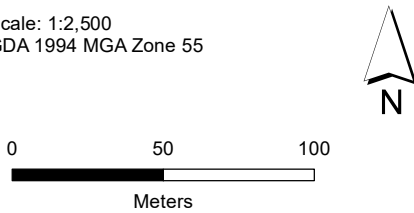




Indicative Development  
Footprint – Road Upgrades

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Version: B

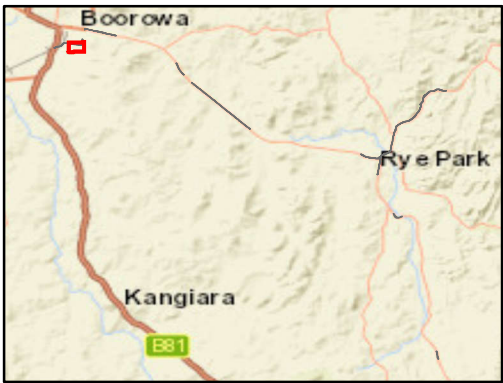
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GDA 1994 MGA Zone 55



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Indicative Development  
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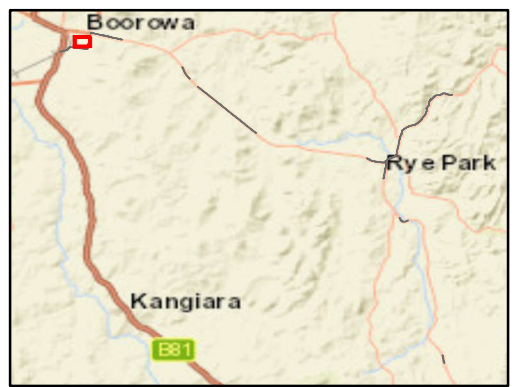
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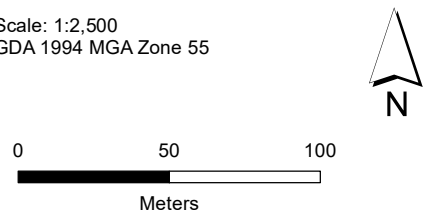




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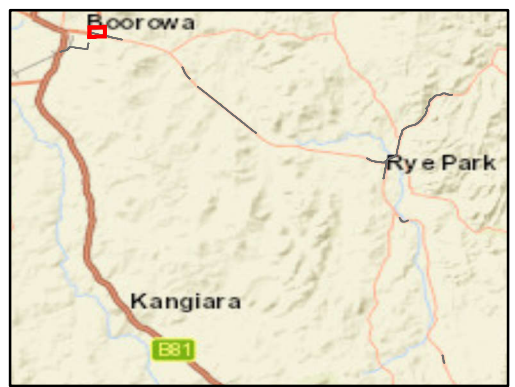
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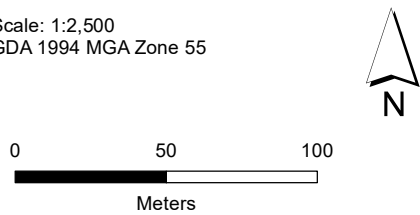




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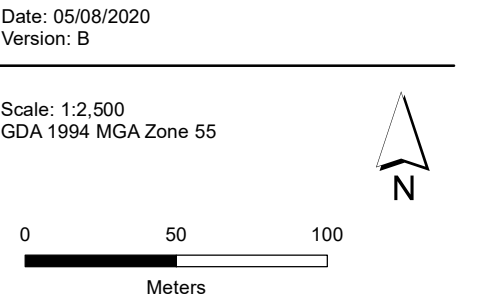
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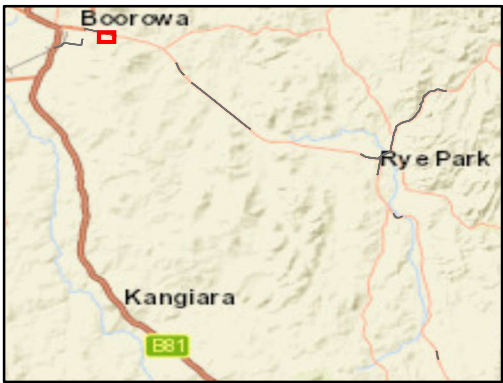
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Footprint – Road Upgrades



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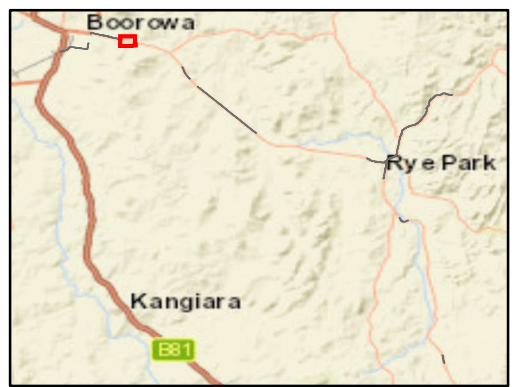
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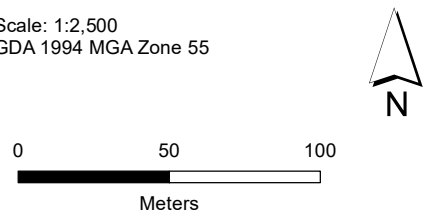




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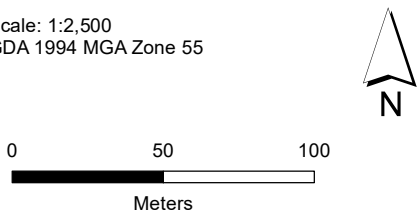




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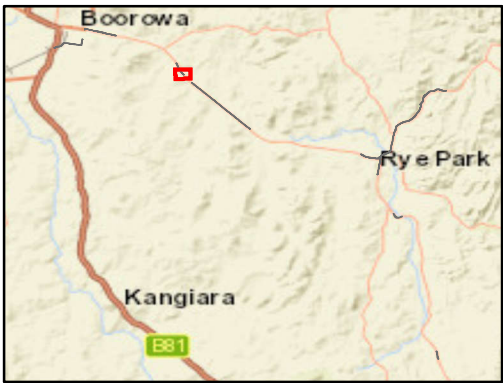
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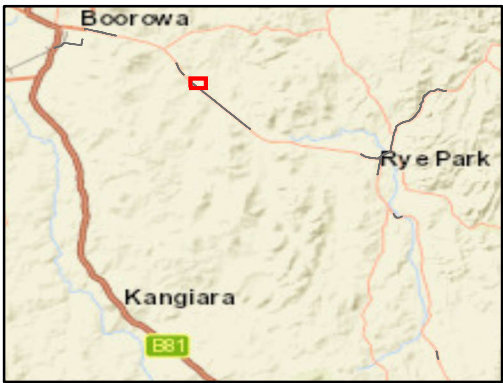
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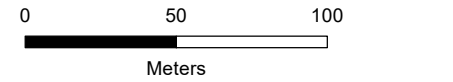




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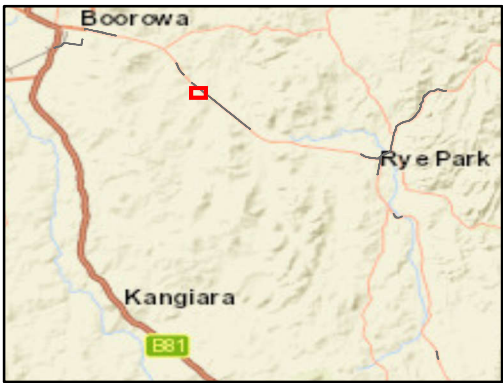
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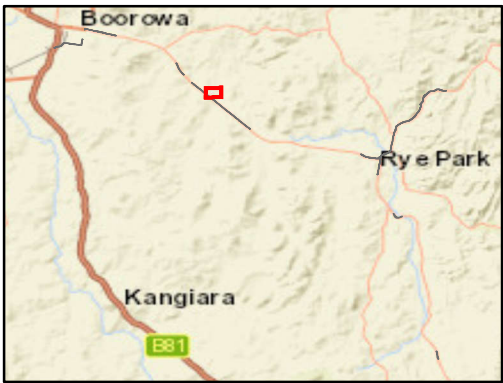
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Indicative Development  
Footprint – Road Upgrades

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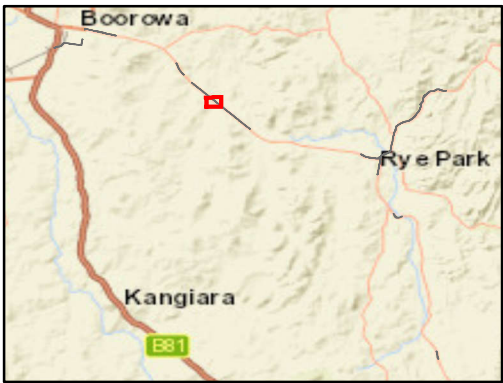
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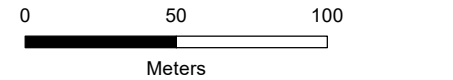




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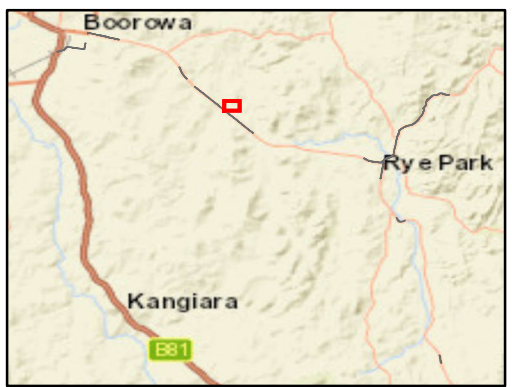
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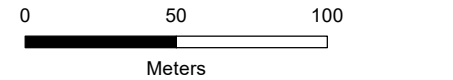




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Footprint – Road Upgrades

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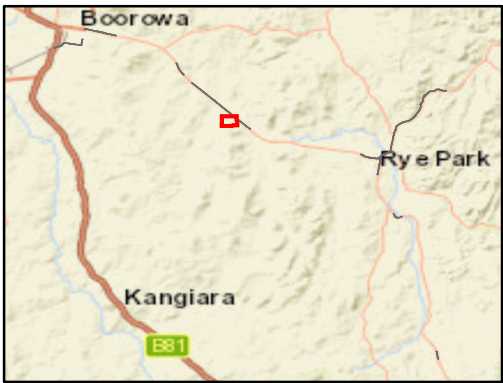
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Indicative Development  
Footprint – Road Upgrades

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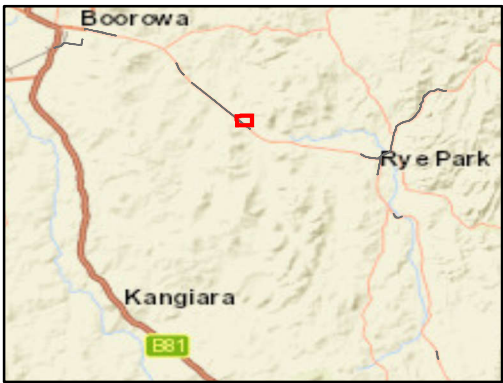
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Footprint – Road Upgrades

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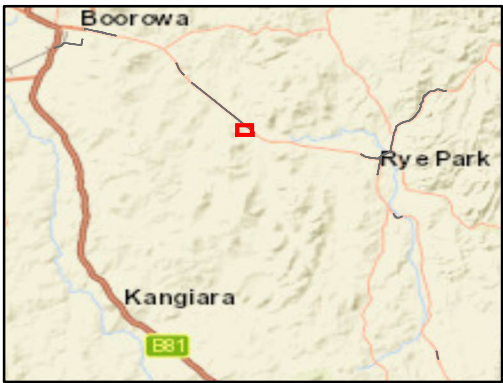
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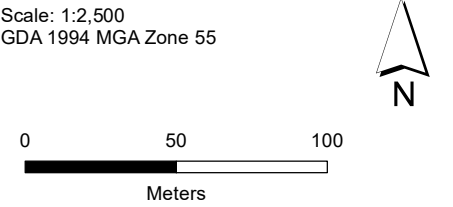




Indicative Development  
Footprint – Road Upgrades

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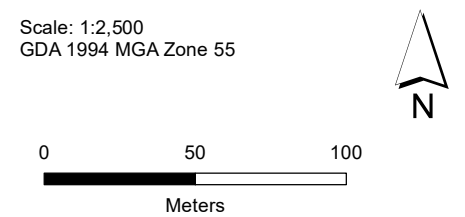




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Footprint – Road Upgrades

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## Rye Park Wind Farm

Indicative Development Footprint - External Roads

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Indicative Development  
Footprint – Road Upgrades

Date: 05/08/2020  
Version: B

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GDA 1994 MGA Zone 55

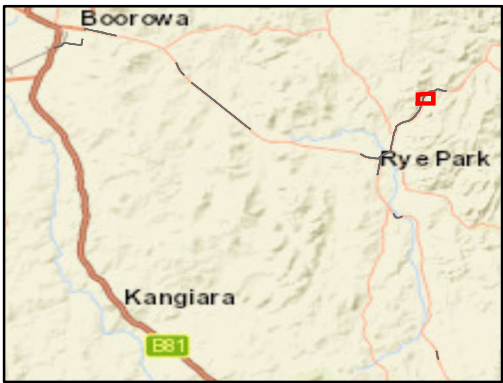
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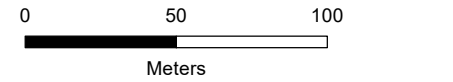




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Footprint – Road Upgrades

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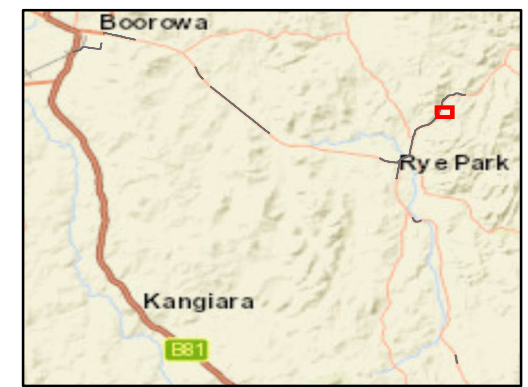
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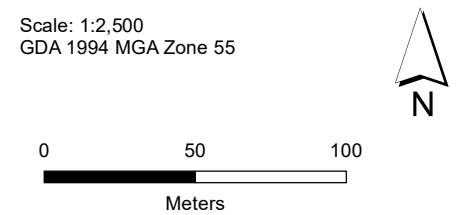




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Footprint – Road Upgrades

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## Rye Park Wind Farm

Indicative Development Footprint - External Roads





Indicative Development  
Footprint – Road Upgrades

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Version: B

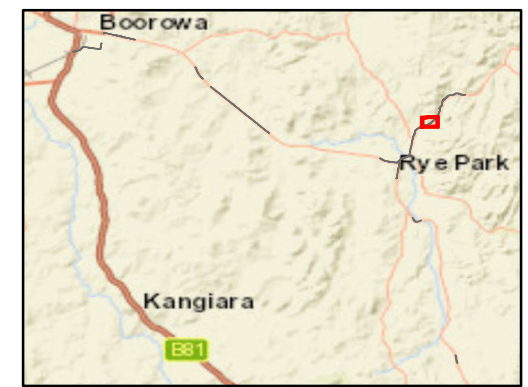
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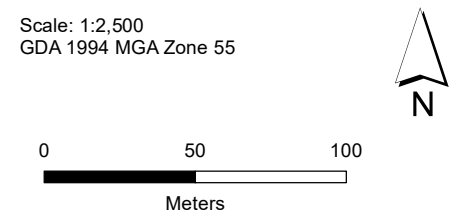




Indicative Development  
Footprint – Road Upgrades

Date: 05/08/2020  
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Scale: 1:2,500  
GDA 1994 MGA Zone 55



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## Rye Park Wind Farm

Indicative Development Footprint - External Roads





Indicative Development  
Footprint – Road Upgrades

Date: 05/08/2020  
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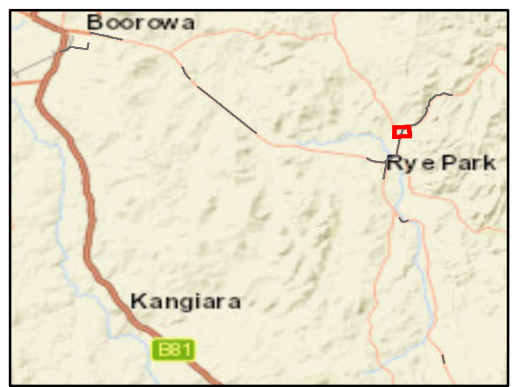
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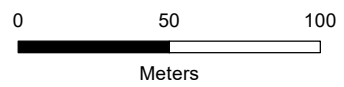




Indicative Development  
Footprint – Road Upgrades

Date: 05/08/2020  
Version: B

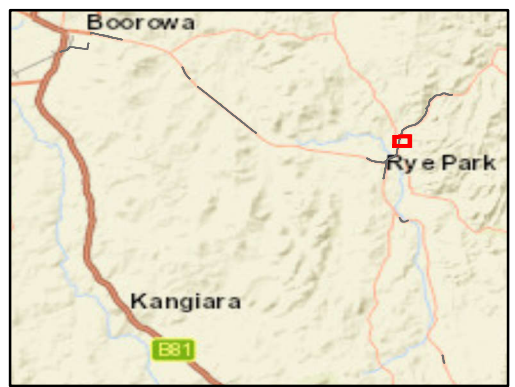
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GDA 1994 MGA Zone 55



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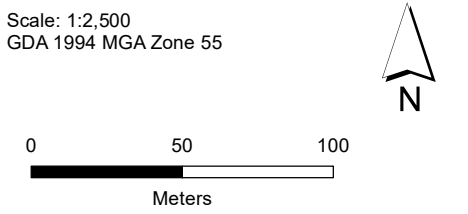




Indicative Development  
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Scale: 1:2,500  
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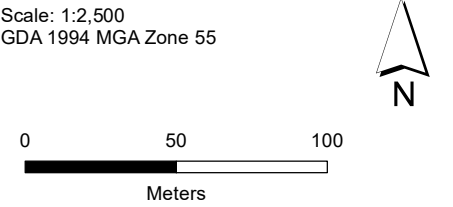




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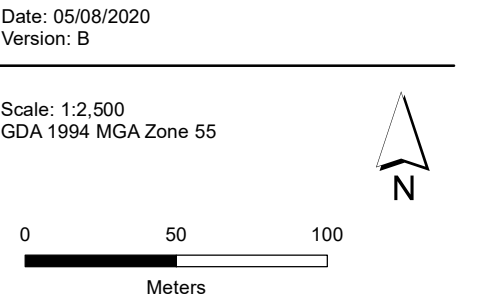
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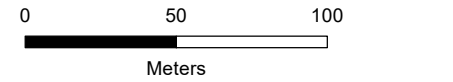




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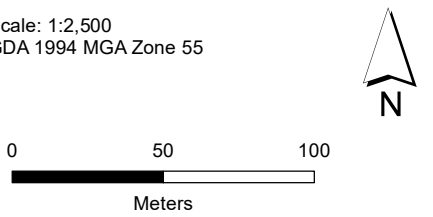




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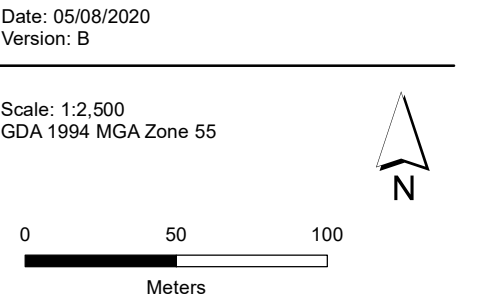
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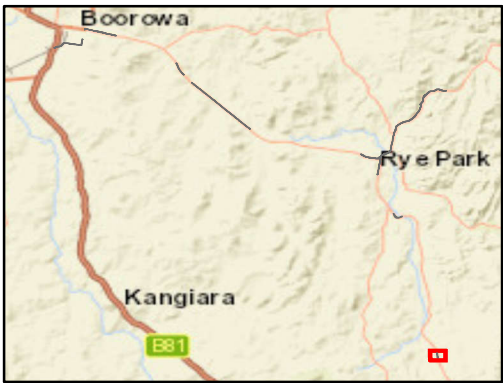
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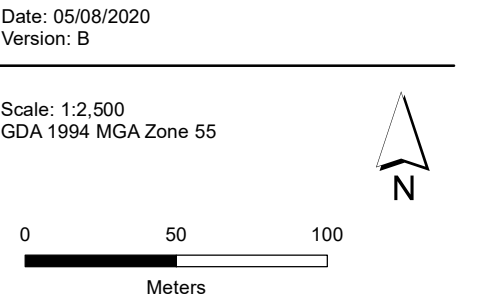
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## **Appendix E: Updated Assessment Against the Development Consent**



Condition		Review
SCHEDULE 2 – ADMINISTRATIVE CONDITIONS		
Condition 1 Obligation to minimise harm to the environment	In addition to meeting the specific environmental performance criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation, or decommissioning of the development.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i> Measures to minimise any material harm to the environment will be outlined in the management plans in accordance with the Conditions of Consent.
Condition 2 Terms of consent	The Applicant must carry out the development: (a) generally in accordance with the EIS; and (b) in accordance with the conditions of this consent.  Note: The general layout of the development is shown in Appendix 2.	The Applicant is seeking a modification to the Development Consent to ensure the Project is generally in accordance with the EIS and the Conditions of this Consent as several of the Conditions are being modified and the Development layout is to be replaced (contained at Appendix A). The Final Modified Project is still considered in accordance with the EIS.
Condition 3 Terms of consent	If there is any inconsistency between the above documents, the most recent document must prevail to the extent of the inconsistency. However, the conditions of this consent must prevail to the extent of any inconsistency.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 4 Terms of consent	The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this consent; (b) any reports, reviews or audits commissioned by the Department regarding compliance with this consent; and (c) the implementation of any actions or measures contained in these documents.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 5 Limits on consent (Wind turbines)	The Applicant may construct, operate and replace or upgrade as necessary up to 92 wind turbines.	The Final Modified Project proposes to reduce the number of turbines from 92 to 77. This is discussed in discussed in Section 2.1.2 of the Preferred Infrastructure Report (PIR).
Condition 6 Limits on consent (Wind turbines)	This consent does not authorise the development of wind turbine numbers 16, 29, 44, 45, 47, 90, 93, 94, 95, 96, 97, 98, 99, 101, 133, 134 and 144.  Notes: To identify the wind turbines, see the figures and corresponding GPS Coordinates (for those wind turbines approved) in Appendix 2. To avoid any doubt, the Applicant does not require additional approval to replace or upgrade wind turbines over time, as long as the replacement or upgrade is carried out in accordance with the conditions of this consent.	The Final Modified Project proposes to further reduce the number of turbines as discussed in discussed in Section 2.1.2 of the PIR.
Condition 7 Limits on consent (Wind turbine height)	No wind turbines may be greater than 157 metres in height (measured from above ground level to the blade up).	This Modification Application is to increase the maximum turbine height (Condition 7 from 157m to 200m) The Final Modified Project proposes to use larger, more efficient turbines for greater renewable energy generation. This is discussed further in Section 4 of the Modification Application Report.
Condition 8 Limits on consent (Micro-siting Restrictions)	The Applicant may micro-site the wind turbines and ancillary infrastructure without further approval provided: (a) they remain within the development corridor shown on the figures in Appendix 2; (b) no wind turbine is moved more than 250 metres from the relevant GPS coordinates shown in Appendix 2; (c) wind turbine numbers 11, 12, 38, 48, 56, 80, 83, 84, 85, 102, 125, 143, 149 and 150 are micro-sited to minimise (and if possible avoid) impacts on high conservation value vegetation, including hollow-bearing trees; (d) the revised location of a wind turbine is at least 50 metres from existing hollow-bearing trees; or where the proposed turbine location is already within 50 metres of existing hollow-bearing trees, the revised location of the turbine is not moved any closer to the existing hollow-bearing trees; and (e) the revised location of the wind turbine and/or ancillary infrastructure would not result in any non-compliance with the conditions of this consent.	The Final Modified Project proposes to revise condition 8(d) to enable micro-siting of the Project whilst minimising impacts to those hollow bearing trees that do provide substantial, significant or material habitat. This is discussed further in Section 2.2.2 of the PIR. Additionally, the Development layout is to be replaced to reflect the Final Modified Project, refer to Appendix A, and update turbine coordinates contained at Appendix C and discussed in Section 2.1.2 of the PIR.
Condition 9 limits on consent (Staging of the development)	The Applicant may construct, operate and decommission the development in stages. Where staging of the development is proposed, the conditions of this consent are only required to be complied with at the relevant time and to the extent that they are relevant to the specific stage(s).	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 10 limits on consent (Final layout plan)	Prior to the commencement of construction, the Applicant must submit detailed plans of the final layout of the development to the Secretary, including: (a) details on the micro-siting of any wind turbines and/or ancillary infrastructure; and (b) the GPS coordinates of the wind turbines.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i> No plans have been submitted for endorsement to the Secretary under Condition 10. Plans will be submitted prior to commencement of construction.
Condition 11 Notification of department	Prior to the commencement of the construction, operation and/or decommissioning of the development or the cessation of operations, the Applicant must notify the Department in writing of the date of commencement or cessation. If the construction, operation and/or decommissioning of the development is to be staged, then the Applicant must: (a) notify the Department in writing prior to the commencement of the relevant stage, and clearly identify the development that would be carried out during the relevant stage; and (b) inform the local community and the Community Consultative Committee about the proposed staging plans.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>



Condition		Review										
Condition 12 Structural adequacy	<p>The Applicant must ensure that:</p> <p>(a) the wind turbines are constructed in accordance with the relevant standards, including the structural design requirements of IEC 61400-1 Wind turbines – Part 1: Design Requirements (or equivalent); and</p> <p>(b) all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA.</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>Under Part 4A of the EP&amp;A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works.</li> <li>Part 8 of the EP&amp;A Regulation sets out the requirements for the certification of the development.</li> </ul>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>										
Condition 13 Demolition	The Applicant must ensure that all demolition work on site is carried out in accordance with AS 2601-2001: The Demolition of Structures, or its latest version.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>										
Condition 14 Protection of public infrastructure	<p>Unless the Applicant and the applicable authority agree otherwise, the Applicant must:</p> <p>(a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and</p> <p>(b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development.</p> <p>This condition does not apply to the upgrade and maintenance of the road network, which is expressly provided for in the conditions of this consent.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>										
Condition 15 Operation of plant equipment	<p>The Applicant must ensure that all plant and equipment used on site, or in connection with the development, is:</p> <p>(a) maintained in a proper and efficient condition; and</p> <p>(b) operated in a proper and efficient manner.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>										
Condition 16 Updating & staging of strategies, plans or programs	<p>With the approval of the Secretary, the Applicant may submit any strategy, plan or program required by this consent on a progressive basis.</p> <p>To ensure the strategies, plans or programs under the conditions of this consent are updated on a regular basis, the Applicant may at any time submit revised strategies, plans or programs to the Secretary for approval.</p> <p>With the agreement of the Secretary, the Applicant may prepare any revised strategy, plan or program without undertaking consultation with all the parties referred to under the relevant condition of this consent.</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>While any strategy, plan or program may be submitted on a progressive basis, the Applicant must ensure that all development being carried out on site is covered by suitable strategies, plans or programs at all times.</li> <li>If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program.</li> </ul>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>										
Condition 17 Community enhancement	<p>Prior to the commencement of construction, unless the Secretary agrees otherwise, the Applicant must enter into VPAs with the Councils in accordance with:</p> <p>(a) Division 6 of Part 4 of the EP&amp;A Act; and</p> <p>(b) the terms of the applicable offer as summarised in Appendix 3.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>										
<b>SCHEDULE 3 – ENVIRONMENTAL CONDITIONS – GENERAL</b>												
Condition 1 Acquisition upon request	<p>For a period of 5 years from the commencement of construction of any of the applicable wind turbines, the owner of the land listed in Table 1 may request the Applicant to acquire their land.</p> <p>Upon receiving a written request from this owner, the Applicant must acquire the land in accordance with the procedures in conditions 2 and 3 of schedule 4.</p> <p>However, this condition does not apply if the Applicant has an agreement with the owner of the relevant land in regard to the visual impacts associated with the development, and the Applicant has advised the Department in writing of the terms of this agreement.</p> <p>Table 1: Residence subject to acquisition upon request</p> <table border="1"> <tr> <th>Residence</th><th>Lot/DP</th><th>Applicable Wind Turbines</th></tr> <tr> <td rowspan="2">R38</td><td>49/754136</td><td rowspan="2">62, 67, 71 – 76, 78, 141</td></tr> <tr> <td>104/754136</td></tr> <tr> <td>-</td><td>75/754136</td><td>146, 147, 148, 149</td></tr> </table> <p>Note: To identify the residence and wind turbines referred to in Table 1, see the applicable tables and figures in Appendix 2.</p>	Residence	Lot/DP	Applicable Wind Turbines	R38	49/754136	62, 67, 71 – 76, 78, 141	104/754136	-	75/754136	146, 147, 148, 149	Wind turbine 149 has been removed from the modified layout, however this will not affect compliance with Condition 1.
Residence	Lot/DP	Applicable Wind Turbines										
R38	49/754136	62, 67, 71 – 76, 78, 141										
	104/754136											
-	75/754136	146, 147, 148, 149										
Condition 2 Visual (Visual agreement)	<p>The Applicant must not construct the applicable wind turbines listed in Table 2 unless the Applicant has an agreement with the owner(s) of the relevant land in regard to the visual impacts associated with the project, and the Applicant has advised the Department in writing of the terms of this agreement.</p> <p>Table 2: Residence subject to visual agreement</p> <table border="1"> <tr> <th>Residence</th><th>Lot/DP</th><th>Applicable Wind Turbines</th></tr> <tr> <td rowspan="3">R56</td><td>97/754122</td><td rowspan="3">145</td></tr> <tr> <td>180/754122</td></tr> <tr> <td>181/754122</td></tr> </table> <p>Note: To identify the residence and wind turbines referred to in Table 2, see the applicable tables and figures in Appendix 2.</p>	Residence	Lot/DP	Applicable Wind Turbines	R56	97/754122	145	180/754122	181/754122	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>		
Residence	Lot/DP	Applicable Wind Turbines										
R56	97/754122	145										
	180/754122											
	181/754122											



Condition		Review
Condition 3 visual (Visual impact mitigation)	<p>For a period of 5 years from the commencement of construction, the owner of any non-associated residence within 4 km of any wind turbine may ask the Applicant to implement visual impact mitigation measures on their land to minimise the visual impacts of the development on their residence (including its curtilage).</p> <p>Upon receiving such a written request from the owner of these residences, the Applicant must implement appropriate mitigation measures (such as landscaping and vegetation screening) in consultation with the owner.</p> <p>These mitigation measures must be reasonable and feasible, aimed at reducing the visibility of the wind turbines from the residence and its curtilage, and commensurate with the level of visual impact on the residence. All mitigation measures must be implemented within 12 months of receiving the written request, unless the Secretary agrees otherwise.</p> <p>If the Applicant and the owner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution.</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>• To avoid any doubt, mitigation measures are not required to be implemented to reduce the visibility of wind turbines from any other locations on the property other than the residence and its curtilage.</li> <li>• The identification of appropriate visual impact mitigation measures will be more effective following the construction of the wind turbines. While owners may ask for the implementation of visual impact mitigation measures shortly after the commencement of construction, they should consider the merits of delaying this request until the relevant wind turbines are visible from their residence.</li> </ul>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 4 Visual (Visual appearance)	<p>The Applicant must:</p> <p>(a) minimise the off-site visual impacts of the development;</p> <p>(b) ensure the wind turbines are:</p> <ul style="list-style-type: none"> <li>• painted off white/grey, unless otherwise agreed by the Secretary; and</li> <li>• finished with a surface treatment that minimises the potential for glare and reflection;</li> </ul> <p>(c) ensure the visual appearance of all ancillary infrastructure (including paint colours), blends in as far as possible with the surrounding landscape; and</p> <p>(d) not mount any advertising signs or logos on wind turbines or ancillary infrastructure.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 5 Visual (Lighting)	<p>The Applicant must:</p> <p>(a) minimise the off-site lighting impacts of the development;</p> <p>(b) ensure that any aviation hazard lighting complies with CASA's requirements;</p> <p>(c) ensure that any aviation hazard lighting design includes all reasonable and feasible measures to minimise visual impact (such as being partially shielded, only operating at night and at times of reduced visibility, and turned on and off simultaneously), provided these measures are determined in consultation with CASA, do not compromise the lightings operational effectiveness, and are consistent with condition 5(b);</p> <p>(d) ensure that all external lighting associated with the development (apart from any aviation hazard and construction lighting):</p> <ul style="list-style-type: none"> <li>• is installed as low intensity lighting (except where required for safety or emergency purposes);</li> <li>• does not shine above the horizontal;</li> <li>• uses best management practice for bat deterrence; and</li> <li>• complies with Australian Standard AS 4282 (INT) 1997 – Control of Obtrusive Effects of Outdoor Lighting, or its latest version.</li> </ul>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 6 Visual (Shadow flicker)	The Applicant must ensure that shadow flicker from operational wind turbines does not exceed 30 hours per year at any non-associated residence.	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>The Final Modified Project will remain compliant with Condition 6 with no non-associated residences to experience operational shadow flicker of more than 30 hours per year. This is discussed further in Section 7.2 of the Modification Application report.</p>
Condition 7 Noise (Construction & decommissioning noise)	<p>The Applicant must:</p> <p>(a) minimise the construction or decommissioning noise of the development, including any associated traffic noise; and</p> <p>(b) ensure that the noise generated by any construction or decommissioning activities is managed in accordance with the best practice requirements outlined in the Interim Construction Noise Guideline (DECC, 2009), or its latest version.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 8 Noise (Construction & decommissioning noise)	<p>Unless the Secretary agrees otherwise, the Applicant must only undertake construction or decommissioning activities between:</p> <p>(a) 7 am to 6 pm Monday to Friday;</p> <p>(b) 8 am to 1 pm Saturdays; and</p> <p>(c) at no time on Sundays and NSW public holidays.</p> <p>The following construction or decommissioning activities may be undertaken outside these hours without the approval of the Secretary:</p> <ul style="list-style-type: none"> <li>• activities that are inaudible at non-associated residences;</li> <li>• the delivery of materials requested by the NSW Police Force or other authorities for safety reasons; or</li> <li>• emergency work to avoid the loss of life, property and/or material harm to the environment.</li> </ul>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 9 Noise (Blasting)	The Applicant may only carry out blasting on site between 9 am and 5 pm Monday to Friday and between 8 am to 1 pm on Saturday. No blasting is allowed on Sundays or public holidays.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 9 Noise (Blasting)	The Applicant must ensure that any blasting carried out on site does not exceed the criteria in Table 3.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>



Condition		Review																																																																																																																													
Condition 10 Noise (Blasting)	<p>The Applicant must ensure that any blasting carried out on site does not exceed the criteria in Table 3.</p> <p>Table 3: Blasting criteria</p> <table><tr><td>Location</td><td>Airblast overpressure dB(Lin Peak))</td><td>Ground vibration</td><td>Allowable exceedance</td></tr><tr><td rowspan="2">Any non- associated residence</td><td>120</td><td>10</td><td>0%</td></tr><tr><td>115</td><td>5</td><td>5% of the total number of blasts or events over a rolling period of 12 months</td></tr></table>	Location	Airblast overpressure dB(Lin Peak))	Ground vibration	Allowable exceedance	Any non- associated residence	120	10	0%	115	5	5% of the total number of blasts or events over a rolling period of 12 months	<p>The Final Modified Project will not impact the ability to comply with this condition.</p>																																																																																																																		
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Any non- associated residence	120	10	0%																																																																																																																												
	115	5	5% of the total number of blasts or events over a rolling period of 12 months																																																																																																																												
Condition 11 Noise (Operational noise Criteria – wind turbines)	<p>The Applicant must ensure that the noise generated by the operation of wind turbines does not exceed the relevant criteria in Table 4 at any non-associated residence.</p> <p>Table 4: Blasting criteria</p> <table><tr><td rowspan="2">Residence</td><td colspan="8">Criteria (dB(A)) with Reference to Hub Height Wind Speed (m/s)</td></tr><tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td></tr><tr><td>R1</td><td>35</td><td>35</td><td>36</td><td>37</td><td>39</td><td>41</td><td>43</td><td>46</td></tr><tr><td>R6, R7, R8, R9, R10,</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>37</td><td>38</td><td>40</td></tr><tr><td>R11</td><td>35</td><td>35</td><td>35</td><td>35</td><td>37</td><td>39</td><td>41</td><td>44</td></tr><tr><td>R17, R19, R20, R22</td><td>36</td><td>36</td><td>36</td><td>37</td><td>38</td><td>39</td><td>40</td><td>42</td></tr><tr><td>R26, R29, R38</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td></tr><tr><td>R40, R65</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>37</td><td>40</td></tr><tr><td>R45, R170</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>37</td><td>40</td><td>42</td></tr><tr><td>R47, R48</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>36</td><td>38</td><td>40</td></tr><tr><td>R50, R53, R324</td><td>35</td><td>35</td><td>35</td><td>35</td><td>35</td><td>37</td><td>39</td><td>41</td></tr><tr><td>R56</td><td>35</td><td>35</td><td>35</td><td>35</td><td>36</td><td>38</td><td>40</td><td>41</td></tr><tr><td>R63</td><td>36</td><td>37</td><td>38</td><td>39</td><td>41</td><td>42</td><td>44</td><td>45</td></tr><tr><td>All other non- associated residences</td><td colspan="8">The higher of 35 dB(A) or the existing background noise level LA90 (10-minute) plus 5 dB(A)</td></tr></table> <p>Note: To identify the residences referred to in Table 4, see the applicable figure in Appendix 2.</p> <p>Noise generated by the operation of the wind turbines is to be measured in accordance with the relevant requirements of the South Australian Environment Protection Authority's Wind Farms – Environmental Noise Guidelines 2009 (or its latest version), as modified by the provisions in Appendix 4. If this guideline is replaced by an equivalent NSW guideline, then the noise generated is to be measured in accordance with the requirements in the NSW guideline.</p> <p>However, these criteria do not apply if the Applicant has an agreement with the relevant owner/s of these residences to generate higher noise levels, and the Applicant has advised the Department in writing of the terms of this agreement.</p>	Residence	Criteria (dB(A)) with Reference to Hub Height Wind Speed (m/s)								5	6	7	8	9	10	11	12	R1	35	35	36	37	39	41	43	46	R6, R7, R8, R9, R10,	35	35	35	35	35	37	38	40	R11	35	35	35	35	37	39	41	44	R17, R19, R20, R22	36	36	36	37	38	39	40	42	R26, R29, R38	35	35	35	35	35	35	35	35	R40, R65	35	35	35	35	35	35	37	40	R45, R170	35	35	35	35	35	37	40	42	R47, R48	35	35	35	35	35	36	38	40	R50, R53, R324	35	35	35	35	35	37	39	41	R56	35	35	35	35	36	38	40	41	R63	36	37	38	39	41	42	44	45	All other non- associated residences	The higher of 35 dB(A) or the existing background noise level LA90 (10-minute) plus 5 dB(A)								<p>The Final Modified Project proposes to update condition 11 of schedule 3 be replaced with more general criteria (as stated in the Noise Bulletin and as discussed with the EPA) which will remain valid for any hub height. This is discussed in Section 2.2.1 of the PIR.</p>
Residence	Criteria (dB(A)) with Reference to Hub Height Wind Speed (m/s)																																																																																																																														
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All other non- associated residences	The higher of 35 dB(A) or the existing background noise level LA90 (10-minute) plus 5 dB(A)																																																																																																																														
Condition 12 Noise (Operational noise Criteria – ancillary infrastructure)	<p>The Applicant must ensure that the noise generated by the operation of ancillary infrastructure does not exceed 35 dB(A) LAeq(15 minute) at any non-associated residence.</p> <p>Noise generated by the development is to be measured in accordance with the relevant requirements of the NSW Industrial Noise Policy (or its equivalent) as modified by the provisions in Appendix 4.</p>	<p>The Final Modified Project will not impact the ability to comply with this condition.</p> <p>This is discussed further in the updated Environmental Noise Assessment (ENA) contained at Appendix J of the RTS</p>																																																																																																																													
Condition 13 Noise (Operational noise monitoring)	<p>Within 6 months of the commencement of operations, the Applicant must:</p> <p>(a) undertake noise monitoring to determine whether the development is complying with the relevant conditions of this consent; and</p> <p>(b) submit a copy of the monitoring results to the Department and the EPA.</p>	<p>The Final Modified Project will not impact the ability to comply with this condition.</p>																																																																																																																													
Condition 14 Noise (Operational noise monitoring)	<p>The Applicant must undertake further noise monitoring of the development if required by the Secretary.</p>	<p>The Final Modified Project will not impact the ability to comply with this condition.</p>																																																																																																																													
Condition 15 Air	<p>The Applicant must:</p> <p>(a) minimise the off-site dust, fume and blast emissions of the development; and</p> <p>(b) minimise the surface disturbance of the site.</p>	<p>The Final Modified Project will not impact the ability to comply with this condition.</p>																																																																																																																													
Condition 16 Soil & water (Water supply)	<p>The Applicant must ensure that it has sufficient water for all stages of the development; and if necessary, adjust the scale of the development to match its available water supply.</p> <p>Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain the necessary water licences for the development.</p>	<p>The Final Modified Project will not impact the ability to comply with this condition.</p> <p>The Applicant is working with a local hydrologist to secure a suitable water source and obtain necessary water licences for the Project. This is discussed further in Section 4.2.8 of the RTS Report.</p>																																																																																																																													
Condition 17 Soil & water	<p>Unless an EPL authorises otherwise, the Applicant must comply with Section 120 of the POEO Act.</p>	<p>The Final Modified Project will not impact the ability to comply with this condition.</p>																																																																																																																													



Condition		Review
(Water pollution)	Note: Section 120 of the POEO Act makes it an offence to pollute any waters.	
Condition 18 Soil & water (Operating conditions)	<p>The Applicant must:</p> <ul style="list-style-type: none"> <li>(a) ensure the wind turbines and ancillary infrastructure, particularly any access roads on steep slopes, are designed, constructed and maintained to minimise any soil erosion;</li> <li>(b) minimise any soil erosion associated with the construction and decommissioning of the development by implementing the relevant mitigation measures in Managing Urban Stormwater: Soils and Construction (Landcom, 2004), or its latest version;</li> <li>(c) ensure all waterway crossings are constructed in accordance with the: <ul style="list-style-type: none"> <li>• Water Guidelines for Controlled Activities on Waterfront Land (2012), or its latest version; and</li> <li>• Why Do Fish Need to Cross the Road? Fish Passage Requirements for Waterway Crossings (2004), or its latest version;</li> </ul> </li> <li>(d) store and handle all dangerous or hazardous materials on site in accordance with AS1940-2004: The storage and handling of flammable and combustible liquids, or its latest version;</li> <li>(e) ensure the concrete batching plants and substation are suitably bunded; and</li> <li>(f) minimise any spills of hazardous materials or hydrocarbons, and clean up any spills as soon as possible after they occur.</li> </ul>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 19 Biodiversity (Restrictions on clearing and habitat)	<p>The Applicant must:</p> <ul style="list-style-type: none"> <li>(a) ensure that no more than 50.2 hectares of the Box Gum Woodland EEC, including Box Gum Woodland derived grassland, is cleared for the development, unless the Secretary agrees otherwise;</li> <li>(b) avoid impacts to the Crimson Spider Orchid (<i>Caladenia concolor</i>) and Southern Pygmy Perch (<i>Nannoperca australis</i>);</li> <li>(c) minimise: <ul style="list-style-type: none"> <li>• the impacts of the development on hollow-bearing trees and termite mounds;</li> <li>• the impacts of the development on threatened bird and bat populations; and</li> <li>• the clearing of native vegetation and key habitat within the approved disturbance footprint.</li> </ul> </li> </ul>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>The Applicant remains under the 50.2 ha clearance limit for Box Gum Woodland EEC. The Crimson Spider Orchid (<i>Caladenia concolor</i>) was not recorded within the Development Corridor. Impacts to Southern Pygmy Perch will be avoided through detailed design and appropriate fauna construction management. Where possible, hollow-bearing trees and termite mounds have been avoided. Pre-clearance surveys for key fauna habitat will be undertaken to limit removal of these habitats.</p>
Condition 20 Biodiversity (Biodiversity offset)	<p>Prior to the commencement of construction, unless the Secretary agrees otherwise, the Applicant must:</p> <ul style="list-style-type: none"> <li>(a) update the baseline mapping of the vegetation and key habitat within the final disturbance area; and</li> <li>(b) calculate the biodiversity offset credit liabilities for the development in accordance with the Framework for Biodiversity Assessment under the NSW Biodiversity Offset Policy for Major projects, in consultation with OEH, and to the satisfaction of the Department.</li> </ul>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>As part of the updated BDAR, the Applicant has updated baseline mapping and calculated the biodiversity offset credit liabilities. This is discussed further in Section 3.1 of the PIR.</p>
Condition 21 Biodiversity (Biodiversity offset)	<p>Within 2 years of the commencement of construction, unless the Secretary agrees otherwise, the Applicant must retire the required biodiversity credits, to the satisfaction of OEH.</p> <p>The retirement of the credits must be carried out in accordance with the NSW Biodiversity Offsets Policy for Major Projects, and can be achieved by:</p> <ul style="list-style-type: none"> <li>(a) acquiring or retiring credits under the biobanking scheme in the TSC Act;</li> <li>(b) making payments into an offset fund that has been established by the NSW Government; or</li> <li>(c) providing suitable supplementary measures.</li> </ul>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>The Applicant is in the process of securing the required offsets. This is discussed further in Section 7.5 of the Modification Application report and the updated BDAR.</p>
Condition 22 Biodiversity (Biodiversity Management Plan)	<p>Prior to the commencement of construction, the Applicant must prepare a Biodiversity Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> <li>(a) be prepared in consultation with OEH; and</li> <li>(b) include: <ul style="list-style-type: none"> <li>• a description of the measures that would be implemented for: <ul style="list-style-type: none"> <li>- minimising the amount of native vegetation clearing within the approved development footprint;</li> <li>- minimising the loss of key fauna habitat, including tree hollows and termite mounds;</li> <li>- minimising the impacts on fauna on site, including undertaking pre-clearance surveys;</li> <li>- minimising the potential indirect impacts on threatened: <ul style="list-style-type: none"> <li>□ flora species, including the Crimson Spider Orchid (<i>Caladenia concolor</i>); and</li> <li>□ fauna species, including the Southern Pygmy Perch (<i>Nannoperca australis</i>), Golden Sun Moth (<i>Synemon plana</i>) and Superb Parrot (<i>Polytelis swainsonii</i>);</li> </ul> </li> <li>- rehabilitating and revegetating temporary disturbance areas;</li> <li>- protecting native vegetation and key fauna habitat outside the approved disturbance area;</li> <li>- maximising the salvage of resources within the approved disturbance area – including vegetative and soil resources – for beneficial reuse (including fauna habitat enhancement) during the rehabilitation and revegetation of the site;</li> <li>- collecting and propagating seed (where relevant);</li> <li>- controlling weeds and feral pests;</li> <li>- controlling erosion; and</li> <li>- bushfire management;</li> </ul> </li> <li>• a detailed program to monitor and report on the effectiveness of these measures.</li> </ul> <p>Following the Secretary's approval, the Applicant must implement the Biodiversity Management Plan.</p> </li></ul>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>A Biodiversity Management Plan has not been submitted for endorsement to the Secretary under Condition 22. This plan will be submitted prior to the commencement of construction. The mitigation measures outlined in Condition 22 remain appropriate to mitigate impacts on biodiversity. This is further in Section 7.5 of the Modification Application report.</p>
Condition 23 Biodiversity (Bird and Bat Adaptive Management Plan)	<p>Prior to the commissioning of any wind turbines, the Applicant must prepare a Bird and Bat Adaptive Management Plan for the development in consultation with OEH, and to the satisfaction of the Secretary. This plan must include:</p> <ul style="list-style-type: none"> <li>(a) at least 12 months' worth of baseline data on threatened and 'at risk' bird and bat species and populations in the locality that could be affected by the development;</li> <li>(b) a detailed description of the measures that would be implemented on site for minimising bird and bat strike during operation of the development, including: <ul style="list-style-type: none"> <li>• minimising the availability of raptor perches;</li> <li>• prompt carcass removal;</li> </ul> </li> </ul>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>A Bird and Bat Adaptive Management Plan has not been submitted for endorsement to the Secretary under Condition 23.</p>



Condition		Review
	<ul style="list-style-type: none"> <li>controlling pests; and</li> <li>using best practice methods for bat deterrence, including managing potential lighting impacts;</li> <li>trigger levels for further investigation of the potential impacts of the project on particular bird or bat species or populations;</li> <li>an adaptive management program that would be implemented if the development is having an adverse impact on a particular threatened or 'at risk' bird and/or bat species or populations; including the implementation of measures to: <ul style="list-style-type: none"> <li>reduce the mortality of those species or populations; or</li> <li>enhance and propagate those species or populations in the locality; and</li> </ul> </li> <li>a detailed program to monitor and report on the effectiveness of these measures, and any bird and bat strikes on site.</li> </ul> <p>Following the Secretary's approval, the Applicant must implement the Bird and Bat Adaptive Management Plan.</p>	The bird and bat strike mitigation measures outlined in Condition 23 of the remain appropriate to monitor and respond to the increased collision risk of bird species that fly above 30m and some bat species. This is discussed further in Section 7.6 of the Modification Application report.
Condition 24 Heritage (Protection of Aboriginal Heritage Items)	<p>The Applicant must:</p> <p>(a) ensure the development does not cause any direct or indirect impacts on the Aboriginal heritage items identified in Table 1 in Appendix 5, or located outside the approved disturbance area;</p> <p>(b) minimise any impacts on the Aboriginal heritage items identified in Table 2 in Appendix 5; and</p> <p>(c) minimise any impacts on the Aboriginal heritage items identified in Table 3 in Appendix 5, and carry out detailed test excavations and salvage of potential archaeological deposits at these sites if impacts cannot be avoided.</p> <p>Note: The locations of the Aboriginal heritage items referred to in this condition are shown in the figure in Appendix 5.</p>	Aboriginal Heritage Items, including items to be avoided, impacts minimised and salvaged, is to be updated according to the tables in the Heritage RTSR (contained at Appendix L of the RTS report) and updated map (contained in Appendix F of the PIR).
Condition 25 Heritage (Heritage Management Plan)	<p>Prior to the commencement of construction, the Applicant must prepare a Heritage Management Plan for the development to the satisfaction of the Secretary. This plan must:</p> <p>(a) be prepared by a suitably qualified and experienced person whose appointment has been endorsed by the Secretary;</p> <p>(b) be prepared in consultation with OEH and Aboriginal stakeholders;</p> <p>(c) include updated baseline mapping of the heritage items within and adjoining the development disturbance area;</p> <p>(d) include a description of the measures that would be implemented for:</p> <ul style="list-style-type: none"> <li>protecting Aboriginal heritage items outside the project disturbance area;</li> <li>minimising and managing the impacts of the development on heritage items within the disturbance area, including: <ul style="list-style-type: none"> <li>test excavations and salvage (if required) at the Aboriginal heritage items identified in Table 3 in Appendix 5; and</li> <li>a strategy for the long term management of any Aboriginal heritage items or material collected during the test excavation or salvage works;</li> </ul> </li> <li>a contingency plan and reporting procedure if: <ul style="list-style-type: none"> <li>Aboriginal heritage items outside the approved disturbance area are damaged;</li> <li>previously unidentified Aboriginal heritage items are found; or</li> <li>Aboriginal skeletal material is discovered;</li> </ul> </li> <li>ensuring workers on site receive suitable heritage inductions prior to carrying out any development on site, and that records are kept of these inductions; and</li> <li>ongoing consultation with Aboriginal stakeholders during the implementation of the plan;</li> </ul> <p>(e) a program to monitor and report on the effectiveness of these measures and any heritage impacts of the project.</p> <p>Following the Secretary's approval, the Applicant must implement the Heritage Management Plan.</p>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>A Heritage Management Plan has not been submitted for endorsement to the Secretary under Condition 25. The ACHA proposes measures to mitigate potential impacts to archaeological sites, artefact scatters, isolated finds and PADS. This is discussed further in Section 3.2 of the PIR.</p>
Condition 26 Transport (Designated heavy and over-dimensional vehicle routes)	<p>The Applicant must ensure that all over-dimensional and heavy vehicle access to and from the site is via the designated routes identified in the figures in Appendix 7, unless the applicable roads authority agrees otherwise.</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>The Applicant is required to obtain relevant permits under the Heavy Vehicle National Law (NSW) for the use of over-dimensional vehicles on the road network.</li> <li>To avoid any doubt, this consent does not allow the use of Banks Street, Blakney Creek South Road, Cemetery Drive, Cook Streets, Dirthole Creek Road, High Rock Road and Lagoon Creek Road as over-dimensional or heavy vehicle access routes.</li> <li>To avoid any doubt, this consent does not allow the use of site access points 1 and 9 identified in the EIS.</li> </ul>	Over dimensional and heavy vehicle access routes to be updated and access points to be updated with the Preferred Transport Route. This is discussed further in Section 4.4 of the Modification Application report.
Condition 27 Transport (Road upgrades)	<p>The Applicant must implement the road upgrades identified in Appendix 6 in accordance with the relevant timing requirements, to the satisfaction of the relevant roads authority.</p> <p>If there is a dispute about the road upgrades to be implemented, or the implementation of these upgrades, then either party may refer the matter to the Secretary for resolution.</p>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>The Preferred Transport Route to site is contained within the designated routes identified in Appendix 6 of the Development Consent. In consultation with Hilltops Council (the relevant roads authority), The Applicant has agreed to the required road upgrades along the Preferred Transport Route. This is discussed further in Section 4.4 of the Modification Application report.</p>
Condition 28 Transport (Road maintenance)	<p>The Applicant must:</p> <p>(a) prepare a dilapidation survey of the designated over-dimensional and heavy vehicle route:</p> <ul style="list-style-type: none"> <li>prior to the commencement of any construction or decommissioning works other than pre-construction minor works;</li> <li>within 1 month of the completion of any construction or decommissioning works other than pre-construction minor works;</li> </ul> <p>(b) rehabilitate and/or make good any development-related damage:</p> <ul style="list-style-type: none"> <li>identified during the carrying out of the relevant construction and/or decommissioning works if it could endanger road safety, as soon as possible after the damage is identified but within 7 days at the latest; and</li> <li>identified during any dilapidation survey carried out following the completion of the relevant construction and/or decommissioning works within 2 months of the completion of the survey, unless the relevant roads authority agrees otherwise, to the satisfaction of the relevant roads authority.</li> </ul> <p>If the construction and/or decommissioning of the development is to be staged, the obligations in this condition apply to each stage of construction and/or decommissioning.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>



Condition		Review
	If there is a dispute about the scope of any remedial works or the implementation of these works, then either party may refer the matter to the Secretary for resolution.	
Condition 29 Transport (Unformed crown roads)	The Applicant must ensure any unformed Crown road reserves affected by the development are maintained for future use, unless otherwise agreed with the NSW Department of Industry - Lands.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i> The Applicant is consulting with the Crown Land division of NSW Department of Planning, Industry and Environment and will obtain the required licence and / or closing and purchasing the unformed Crown road reserves. This is discussed further in Section 3.2 of the RTS Report.
Condition 30 Transport (Traffic Management Plan)	<p>Prior to the commencement of construction, the Applicant must prepare a Traffic Management Plan for the development in consultation with RMS and the Councils, and to the satisfaction of the Secretary. This plan must:</p> <p>(a) detail the measures that would be implemented to:</p> <ul style="list-style-type: none"> <li>• minimise the traffic safety impacts of the development and disruptions to local road users during the construction and decommissioning of the development, including:</li> <li>- temporary traffic controls, including detours and signage;</li> <li>- notifying the local community about development-related traffic impacts;</li> <li>- minimising potential conflict between development-related traffic and: <ul style="list-style-type: none"> <li><input type="checkbox"/> rail services;</li> <li><input type="checkbox"/> stock movements; and</li> <li><input type="checkbox"/> school buses, in consultation with local schools;</li> </ul> </li> <li>- ensuring development-related traffic does not track dirt onto the public road network;</li> <li>- ensuring loaded vehicles entering or leaving the site have their loads covered or contained;</li> <li>- providing sufficient parking on site for all development-related traffic;</li> <li>- responding to any emergency repair requirements or maintenance during construction and/or decommissioning; and</li> <li>- a traffic management system for managing over-dimensional vehicles;</li> <li>• comply with the traffic conditions in this consent;</li> </ul> <p>(b) include a drivers code of conduct that addresses:</p> <ul style="list-style-type: none"> <li>• travelling speeds;</li> <li>• procedures to ensure that drivers to and from the development adhere to the designated over-dimensional and heavy vehicle routes; and</li> <li>• procedures to ensure that drivers to and from the development implement safe driving practices, particularly if using local roads through Boorowa, Jerrawa, Rye Park and Yass;</li> </ul> <p>(c) include a detailed program to monitor and report on the effectiveness of these measures and the code of conduct.</p> <p>Following the Secretary's approval, the Applicant must implement the Traffic Management Plan.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i> A Traffic Management Plan has not been submitted for endorsement to the Secretary under Condition 30. This plan will be submitted prior to the commencement of construction. The mitigation measures outlined in Condition 30 remain appropriate to mitigate impacts on traffic related issues. This is discussed further in Section 7.9 of the Modification Application Report.
Condition 31 Aviation (Notification of aviation authorities)	<p>Prior to the construction of any wind turbine or wind monitoring mast, the Applicant must provide the following information to CASA, Airservices Australia, and the RAAF (together the authorities):</p> <p>(a) co-ordinates in latitude and longitude of each wind turbine and mast;</p> <p>(b) the final height of each wind turbine and mast in Australian Height Datum;</p> <p>(c) ground level at the base of each wind turbine and mast in Australian Height Datum; and</p> <p>(d) details of any proposed aviation hazard lighting.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 32 Aviation (Notification of aviation authorities)	<p>Within 30 days of the practical completion of the construction of any wind turbine or mast, the Applicant must:</p> <p>(a) provide confirmation to the authorities that the information that was previously provided remains accurate; or</p> <p>(b) update the information previously provided.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 33 Radio-communications	<p>If the development results in the disruption to any radiocommunications services (including point-to-point microwave links) in the area, then the Applicant must make good any disruption to these services as soon as possible following the disruption, but no later than 1 month following the disruption of the service unless the relevant service provider or user or Secretary agrees otherwise.</p> <p>If there is a dispute about the mitigation measures to be implemented or the implementation of these mitigation measures, then either party may refer the matter to the Secretary for resolution.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i> The Applicant is to consult with point-to-point radio communication services to determine any impacts and mitigation measures once a final turbine is selected and layout finalised after micro-siting. This is discussed further in Section 7.10 of the Modification Application report.
Condition 34 Bushfire	<p>The Applicant must:</p> <p>(a) ensure that the development:</p> <ul style="list-style-type: none"> <li>• provides for asset protection in accordance with the RFS's Planning for Bushfire Protection 2006 (or equivalent); and</li> <li>• is suitably equipped to respond to any fires on site;</li> </ul> <p>(b) develop procedures to manage potential fires on site, in consultation with the RFS; and</p> <p>(c) assist the RFS and emergency services as much as possible if there is a fire in the vicinity of the site.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 35 Safety	<p>The Applicant must:</p> <p>(a) prepare a Safety Management System for the development in accordance with the Department's Hazardous Industry Planning Advisory Paper No. 9, 'Safety Management' prior to commissioning any wind turbines on site; and</p> <p>(b) implement, and if necessary update, the system over the remaining life of the development.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 36 Waste	<p>The Applicant must:</p> <p>(a) minimise the waste generated by the development;</p> <p>(b) classify all waste generated on site in accordance with the EPA's Waste Classification Guidelines 2014 (or its latest version);</p> <p>(c) store and handle all waste generated on site in accordance with its classification;</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>



Condition		Review																		
	(d) not receive or dispose of any waste on site; and (e) ensure all waste is disposed of at appropriately licensed waste facilities.																			
Condition 37 Rehabilitation & decommissioning (Rehabilitation objectives – decommissioning)	Within 18 months of the cessation of operations, unless the Secretary agrees otherwise, the Applicant must rehabilitate the site to the satisfaction of the Secretary. This rehabilitation must comply with the objectives in Table 7.  Table 7: Rehabilitation Objectives <table><tr><th>Feature</th><th>Objective</th></tr><tr><td>Development site (as a whole)</td><td>Safe, stable and non-polluting Minimise the visual impact of any above ground ancillary infrastructure agreed to be retained for an alternative use as far as is reasonable and feasible</td></tr><tr><td>Revegetation</td><td>Restore native vegetation generally as identified in the EIS</td></tr><tr><td>Above ground wind turbine infrastructure (excluding wind turbine pads)</td><td>To be decommissioned and removed, unless the Secretary agrees otherwise</td></tr><tr><td>Wind turbine pads</td><td>To be covered with soil and/or rock and revegetated</td></tr><tr><td>Above ground ancillary infrastructure</td><td>To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Secretary</td></tr><tr><td>Internal access roads</td><td>To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Secretary</td></tr><tr><td>Land use</td><td>Restore or maintain land capability as described in the EIS</td></tr><tr><td>Community</td><td>Ensure public safety</td></tr></table>	Feature	Objective	Development site (as a whole)	Safe, stable and non-polluting Minimise the visual impact of any above ground ancillary infrastructure agreed to be retained for an alternative use as far as is reasonable and feasible	Revegetation	Restore native vegetation generally as identified in the EIS	Above ground wind turbine infrastructure (excluding wind turbine pads)	To be decommissioned and removed, unless the Secretary agrees otherwise	Wind turbine pads	To be covered with soil and/or rock and revegetated	Above ground ancillary infrastructure	To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Secretary	Internal access roads	To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Secretary	Land use	Restore or maintain land capability as described in the EIS	Community	Ensure public safety	The Final Modified Project will not impact the ability to comply with this condition.
Feature	Objective																			
Development site (as a whole)	Safe, stable and non-polluting Minimise the visual impact of any above ground ancillary infrastructure agreed to be retained for an alternative use as far as is reasonable and feasible																			
Revegetation	Restore native vegetation generally as identified in the EIS																			
Above ground wind turbine infrastructure (excluding wind turbine pads)	To be decommissioned and removed, unless the Secretary agrees otherwise																			
Wind turbine pads	To be covered with soil and/or rock and revegetated																			
Above ground ancillary infrastructure	To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Secretary																			
Internal access roads	To be decommissioned and removed, unless an agreed alternative use is identified to the satisfaction of the Secretary																			
Land use	Restore or maintain land capability as described in the EIS																			
Community	Ensure public safety																			
Condition 38 Rehabilitation & decommissioning (Progressive rehabilitation)	The Applicant must: (a) rehabilitate all areas of the site not proposed for future disturbance progressively, that is, as soon as reasonably practicable following construction or decommissioning; (b) minimise the total area exposed at any time; and (c) employ interim rehabilitation strategies to minimise dust generation, soil erosion and weed incursion on parts of the site that cannot yet be permanently rehabilitated.	The Final Modified Project will not impact the ability to comply with this condition.																		
Condition 39 Rehabilitation & decommissioning (Progressive rehabilitation)	Any individual wind turbines which cease operating for more than 12 consecutive months must be dismantled within 18 months after that 12 month period, unless the Secretary agrees otherwise.	The Final Modified Project will not impact the ability to comply with this condition.																		
SCHEDULE 4 – ADDITIONAL PROCEDURES																				
Condition 1 Notification of landowners	Prior to the commencement of construction, the Applicant must notify the owners of: (a) the land listed in Table 1 of the conditions of this consent of their rights under condition 1 of schedule 3; and (b) any non-associated residence within 4 km of any approved wind turbine of their rights under condition 3 of schedule 3.	An updated figure of non-associated residence within 4 km of any approved wind turbine is provided at Appendix A																		
Condition 2 Land acquisition	Within 3 months of receiving a written request from an owner with acquisition rights, the Applicant must make a binding written offer to the owner based on: (a) the current market value of the owner's interest in the land at the date of this written request, as if the land was unaffected by the development, having regard to the: • existing and permissible use of the land, in accordance with the applicable environmental planning instruments at the date of the written request; and • presence of improvements on the land and/or any approved building or structure which has been physically commenced at the date of the owner's written request, and is due to be completed subsequent to that date, but excluding any improvements or reasonable costs that have resulted from the implementation of the visual impact mitigation measures in condition 2 of schedule 3; (b) the reasonable costs associated with: • relocating within the Hilltops, Upper Lachlan or Yass Valley local government areas, or to any other local government area determined by the Secretary; and • obtaining legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is to be acquired; (c) reasonable compensation for any disturbance caused by the land acquisition process.  However, if after 1 month of the owner receiving the binding written offer above, the Applicant and owner cannot agree on the acquisition price of the land and/or the terms upon which the land is to be acquired, then either party may refer the matter to the Secretary for resolution.  Upon receiving such a request, the Secretary must request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer to: • consider submissions from both parties; • determine a fair and reasonable acquisition price for the land and/or the terms upon which the land is to be acquired, having regard to the matters referred to in 2(a) to (c) above; • prepare a detailed report setting out the reasons for any determination; and • provide a copy of the report to both parties.  Within 14 days of receiving the independent valuer's report, the Applicant must make a binding written offer to the owner to purchase the land at a price not less than the independent valuer's determination.  However, if either party disputes the independent valuer's determination, then within 14 days of receiving the independent valuer's report, they may refer the matter to the Secretary for review. Any request for a review must be accompanied by a detailed report setting out the reasons why the party disputes the independent valuer's determination. Following consultation with the independent valuer and both parties, the Secretary will determine a fair and reasonable acquisition price for the land, having regard to: • the matters referred to in 2(a) to (c) above, • the independent valuer's report, • the detailed report of the party that disputes the independent valuer's determination, • whether an adjustment to the market value of the land since the independent valuation was completed is warranted; and • any other relevant submissions.	The Final Modified Project will not impact the ability to comply with this condition.																		



Condition		Review
	<p>Within 14 days of this determination, the Applicant must make a binding written offer to the owner to purchase the land at a price not less than the Secretary's determination.</p> <p>If the owner refuses to accept the Applicant's binding written offer under this condition within 3 months of the offer being made, unless the Secretary determines otherwise, then the Applicant's obligations to acquire the land shall cease.</p>	
Condition 3 Land acquisition	The Applicant must pay all reasonable costs associated with the land acquisition process described in condition 2 above, including the costs associated with obtaining Council approval for any plan of subdivision (where permissible), and registration of this plan at the Office of the Registrar-General.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
SCHEDULE 5 – ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING		
Condition 1 Environmental management (Environmental Management Strategy)	<p>Prior to the commencement of construction, the Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must:</p> <ul style="list-style-type: none"> <li>(a) provide the strategic framework for environmental management of the development;</li> <li>(b) identify the statutory approvals that apply to the development;</li> <li>(c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;</li> <li>(d) describe the procedures that would be implemented to: <ul style="list-style-type: none"> <li>• keep the local community and relevant agencies informed about the operation and environmental performance of the development;</li> <li>• receive, handle, respond to, and record complaints;</li> <li>• resolve any disputes that may arise;</li> <li>• respond to any non-compliance;</li> <li>• respond to emergencies; and</li> </ul> </li> <li>(e) include: <ul style="list-style-type: none"> <li>• copies of any strategies, plans and programs approved under the conditions of this consent; and</li> <li>• a clear plan depicting all the monitoring to be carried out in relation to the development, including a table summarising all the monitoring and reporting obligations under the conditions of this consent.</li> </ul> </li> </ul> <p>Following the Secretary's approval, the Applicant must implement the Environmental Management Strategy.</p>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>An Environmental Management Strategy has not been submitted for endorsement to the Secretary under Condition 1. This plan will be submitted prior to the commencement of construction.</p>
Condition 2 Environmental management (Revision of strategies, plans and programs)	<p>Within 3 months of the submission of:</p> <ul style="list-style-type: none"> <li>(a) an incident report under condition 5 below;</li> <li>(b) an audit report under condition 7 below; or</li> <li>(c) any modification to the conditions of this consent (unless the conditions require otherwise),</li> </ul> <p>the Applicant must review and, if necessary, revise the strategies, plans, and programs required under this consent to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Secretary for approval.</p> <p>Notes: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the development.</p>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 3 Environmental management (Community consultative committee)	<p>The Applicant must:</p> <ul style="list-style-type: none"> <li>(a) establish a Community Consultative Committee for the development prior to the commencement of construction; and</li> <li>(b) operate this Committee following establishment, to the satisfaction of the Secretary and in accordance with the Community Consultative Committee Guidelines for State Significant Project (2016), or its latest version.</li> </ul>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>A Community Consultative Committee was established in 2012 and continues to meet to provide a forum for discussion between the Applicant and the community. This is discussed further in Section 6 of the Modification Application report and Section 3 of the RTS report.</p>
Condition 4 Environmental management (Incident reporting)	The Applicant must immediately notify the Secretary and any other relevant agencies of any incident. Within 7 days of the date of the incident, the Applicant must provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 5 Environmental management (Regular reporting)	The Applicant must provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 6 Environmental management (Auditing)	<p>Within 1 year of the commencement of construction, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the development. This audit must:</p> <ul style="list-style-type: none"> <li>(a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;</li> <li>(b) include consultation with the relevant agencies;</li> <li>(c) assess the environmental performance of the development and assess whether it is complying with the requirements in this consent and any relevant EPL/s;</li> <li>(d) review the adequacy of any approved strategy, plan or program required under the abovementioned approvals; and</li> <li>(e) recommend measures or actions to improve the environmental performance of the development, and/or any strategy, plan or program required under these approvals.</li> </ul> <p>Notes:</p> <ul style="list-style-type: none"> <li>• This audit team must be led by a suitably qualified auditor and/or experts in any other fields specified by the Secretary.</li> <li>• The Department's Independent Audit Guideline for State Significant Development provides an audit and reporting framework for the independent audit that will guide compliance with this condition.</li> </ul>	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 7 Environmental management (Auditing)	Within 3 months of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report, and a timetable for the implementation of these recommendations as required.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>

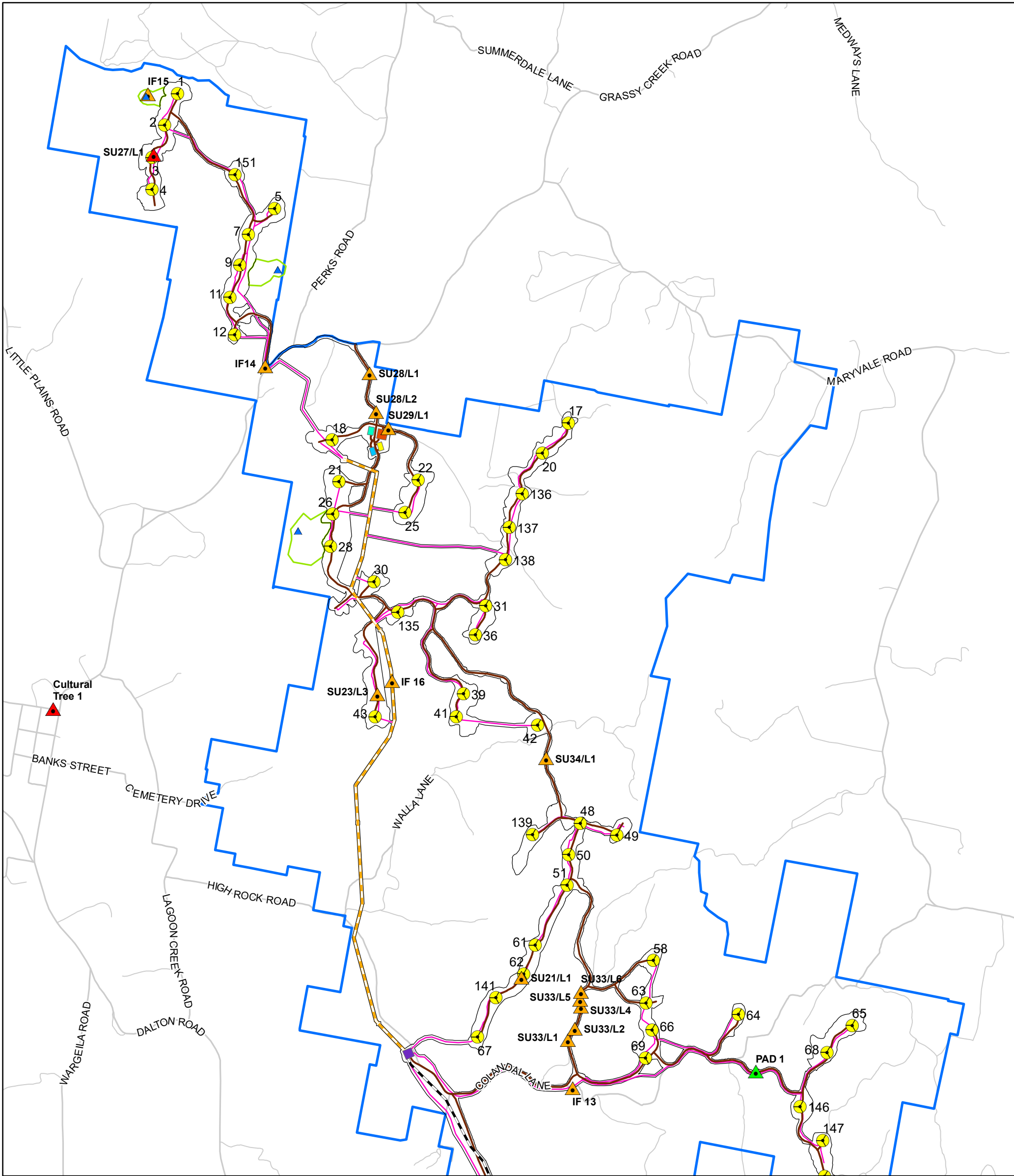


Condition		Review
Condition 8 Environmental management (Auditing)	The Applicant must implement these recommendations to the satisfaction of the Secretary.	<i>The Final Modified Project will not impact the ability to comply with this condition.</i>
Condition 8 Environmental management (Access to information)	<p>The Applicant must:</p> <p>(a) make the following information publicly available on its website as relevant to the stage of the development:</p> <ul style="list-style-type: none"><li>• the EIS;</li><li>• the final layout plans for the development;</li><li>• current statutory approvals for the development;</li><li>• approved strategies, plans or programs required under the conditions of this consent;</li><li>• the proposed staging plans for the development if the construction, operation and/or decommissioning of the development is to be staged;</li><li>• a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this consent;</li><li>• a complaints register, which is to be updated on a monthly basis;</li><li>• minutes of CCC meetings;</li><li>• any independent environmental audit, and the Applicant's response to the recommendations in any audit; and</li><li>• any other matter required by the Secretary; and</li></ul> <p>(b) keep this information up to date, to the satisfaction of the Secretary.</p>	<p><i>The Final Modified Project will not impact the ability to comply with this condition.</i></p> <p>A publicly available information page on Rye Park Wind Farm can be located at the Applicant's main website. This page is regularly updated as required by Condition 8 (b).</p>



## Appendix F: Updated Aboriginal Heritage Items



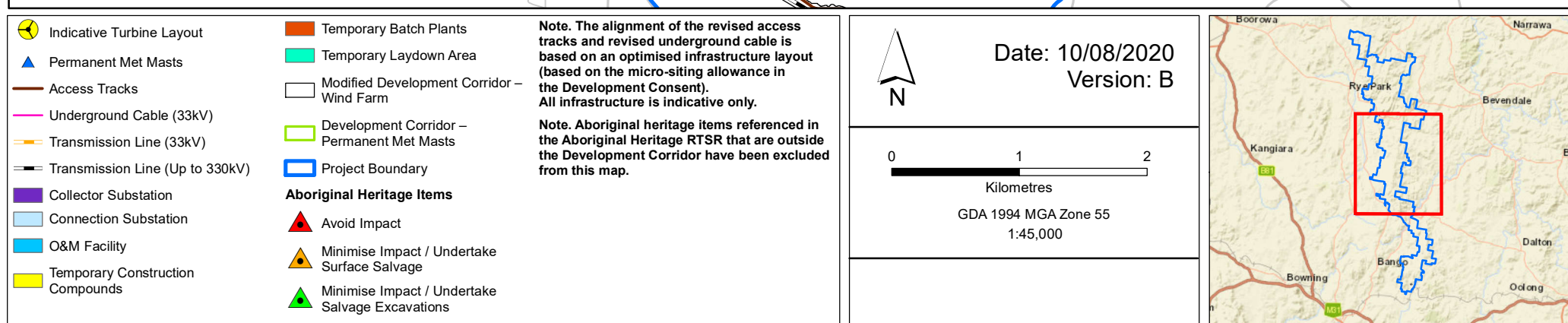


<ul style="list-style-type: none"> <li> Indicative Turbine Layout</li> <li> Permanent Met Masts</li> <li> Access Tracks</li> <li> Underground Cable (33kV)</li> <li> Transmission Line (33kV)</li> <li> Transmission Line (Up to 330kV)</li> <li> Collector Substation</li> <li> Connection Substation</li> <li> O&amp;M Facility</li> <li> Temporary Construction Compounds</li> </ul>	<ul style="list-style-type: none"> <li> Temporary Batch Plants</li> <li> Temporary Laydown Area</li> <li> Modified Development Corridor – Wind Farm</li> <li> Development Corridor – Permanent Met Masts</li> <li> Project Boundary</li> </ul> <p><b>Aboriginal Heritage Items</b></p> <ul style="list-style-type: none"> <li> Avoid Impact</li> <li> Minimise Impact / Undertake Surface Salvage</li> <li> Minimise Impact / Undertake Salvage Excavations</li> </ul>	<p><b>Note.</b> The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.</p> <p><b>Note.</b> Aboriginal heritage items referenced in the Aboriginal Heritage RTSR that are outside the Development Corridor have been excluded from this map.</p>	<div> <p>Date: 10/08/2020 Version: B</p> </div> <div> <p>Kilometres</p> <p>GDA 1994 MGA Zone 55 1:45,000</p> </div>	
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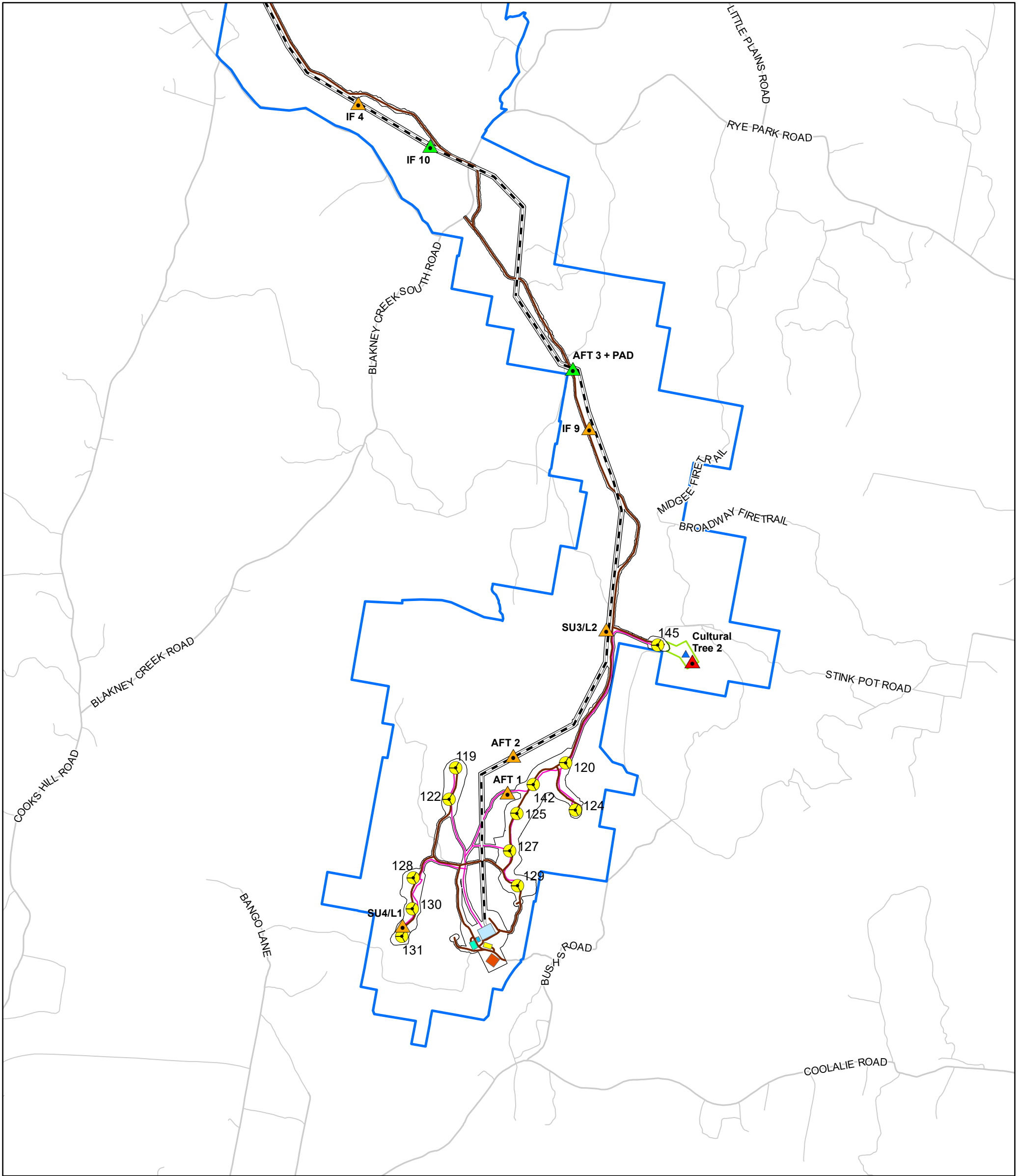
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Indicative Turbine Layout

Permanent Met Masts

Access Tracks

Underground Cable (33kV)

Transmission Line (33kV)

Transmission Line (Up to 330kV)

Collector Substation

Connection Substation

O&M Facility

Temporary Construction Compounds

Temporary Batch Plants

Temporary Laydown Area

Modified Development Corridor – Wind Farm

Development Corridor – Permanent Met Masts

Project Boundary

**Aboriginal Heritage Items**

Avoid Impact

Minimise Impact / Undertake Surface Salvage

Minimise Impact / Undertake Salvage Excavations

**Note.** The alignment of the revised access tracks and revised underground cable is based on an optimised infrastructure layout (based on the micro-siting allowance in the Development Consent). All infrastructure is indicative only.

**Note.** Aboriginal heritage items referenced in the Aboriginal Heritage RTSR that are outside the Development Corridor have been excluded from this map.

Date: 10/08/2020  
Version: B

GDA 1994 MGA Zone 55  
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## Appendix G: Updated Statement of Commitments



SoC	Issue	Potential Impact	Objective	Mitigation Task	Relevant Development Consent Condition	Assessment
<b>Statement of Commitments as part of the Approved and Modified Project</b>						
01	General	Revisions to approved development	No material increase in impact	Ensure that any minor changes, including micro-siting within the Turbine Corridors and Infrastructure Corridors, to the proposed development do not create any material increase in overall environmental impacts as assessed.	<b>Condition 1, Schedule 2</b> Obligation to Minimise Harm to the Environment	<b>This SoC still stands.</b> There are no proposed changes to Condition 1, Schedule 2 that may compromise delivery of this commitment.
02	General	All environmental impacts	Mitigate impact	Implement an Environment Management Strategy prior to the commencement of construction in accordance with the Best Practice Guidelines for Wind Energy Projects (Auswind, 2006).	<b>Condition 1, Schedule 5</b> Environmental Management (Environmental Management Strategy)	<b>This SoC still stands.</b> There are no proposed changes to Condition 1, Schedule 5 that may compromise delivery of this commitment. An Environmental Management Strategy is to be prepared in accordance with the latest guidelines 'Best Practice Guidelines for Implementation of Wind Energy Projects in Australia (2018)'.
03	Visual	Deterioration of visual amenity	Mitigate impact	Following the commencement of construction, the Applicant will implement visual impact mitigation measures within 12 months of receiving a written request from any non-associated residence that is located within 4 km of any wind turbine.	<b>Condition 3, Schedule 3</b> Visual Impact Mitigation	<b>This SoC still stands.</b> There are no proposed changes to Condition 3, Schedule 2 that may compromise delivery of this commitment.
04	Visual	Shadow flicker	Mitigate impact	The Applicant will ensure that shadow flicker associated with wind turbines does not exceed 30 hours per year at any non-associated residence.	<b>Condition 6, Schedule 3</b> Shadow Flicker	<b>This SoC still stands.</b> There are no proposed changes to Condition 6, Schedule 2 that may compromise delivery of this commitment.
05	Noise	Construction noise	Mitigate impact	The Applicant will implement all reasonable and feasible measures to minimise construction noise,	<b>Condition 7, Schedule 3</b>	<b>This SoC still stands.</b>



SoC	Issue	Potential Impact	Objective	Mitigation Task	Relevant Development Consent Condition	Assessment
				including any associated traffic noise. Noise generated by construction or decommissioning activities will be managed in accordance with the best practice requirements outlined in the Interim Construction Noise Guideline (DECC 2009).	Noise (Construction & Decommissioning Noise)	There are no proposed changes to Condition 7, Schedule 2 that may compromise delivery of this commitment.
06	Noise	Operational noise	Compliance	The Applicant will ensure that the noise generated by the operation of wind turbines does not exceed the relevant criteria measured in accordance with the relevant requirements of the South Australian EPA's Wind Farms – Environmental Noise Guidelines 2009 for any non-associated residence. Within 3 months of the commencement of operation the Applicant will undertake noise monitoring and provide a report of the results to DPE and EPA.	<b>Conditions 11-14, Schedule 3</b> Noise (Operational Noise Criteria – Wind Turbines, Operational Noise Criteria - Ancillary Infrastructure, Operational Noise Monitoring)	<b>This SoC still stands.</b> There are no proposed changes to Conditions 11-14, Schedule 2 that may compromise delivery of this commitment.
07	Ecology	Biodiversity impacts	Mitigate impact	Prior to the commencement of construction the Applicant will prepare a Biodiversity Management Plan in consultation with OEH. The plan will include measures to minimise the amount of clearing required for the development, protecting vegetation and fauna habitat outside the disturbance area, minimising impacts on tree hollows, controlling weeds, controlling erosion, bushfire	<b>Condition 19-23, Schedule 3</b> Biodiversity (Restrictions on Clearing Habitat, Biodiversity Offset, Biodiversity Management Plan)	<b>This SoC still stands.</b> There are no proposed changes to Conditions 19-23, Schedule 2 that may compromise delivery of this commitment.  The Biodiversity Plan will be prepared in conjunction with BCD (previously OEH).



SoC	Issue	Potential Impact	Objective	Mitigation Task	Relevant Development Consent Condition	Assessment
				management and a bird and bat adaptive management plan.		
08	Ecology	Native vegetation and habitat	Offset	The Applicant will provide appropriate biodiversity offsets in accordance with the Biodiversity Offset Strategy.	<b>Condition 20, Schedule 3</b> Biodiversity Offset	<b>This SoC still stands.</b>  There are no proposed changes to Condition 20, Schedule 2 that may compromise delivery of this commitment.  Biodiversity offset credits will be developed in accordance with <i>Framework for Biodiversity Assessment</i> under the <i>NSW Biodiversity Offset Policy for Major projects</i> in consultation with BCD.
09	Heritage	Aboriginal and historic heritage	Minimise impacts	Prior to the commencement of construction, the Applicant will prepare a Heritage Management Plan in consultation with OEH and Aboriginal stakeholders which outlines measures to minimise and manage any impacts to any Aboriginal heritage items within the project disturbance area.	<b>Condition 24-25, Schedule 3</b> Heritage (Protection of Aboriginal Heritage Items, Heritage Management Plan)	<b>This SoC still stands.</b>  There are no proposed changes to Condition 24-25, Schedule 2 that may compromise delivery of this commitment.  The Heritage Management Plan will be prepared in conjunction with BCD.
11	Aircraft Hazards	Potential hazard	Minimise impact	Liaise with all relevant authorities (CASA, Airservices, and Department of Defense) and supply location and height details once the final locations of the wind turbines and wind monitoring masts have been determined and before construction commences.	<b>Condition 31-32, Schedule 3</b> Aviation (Notification of Aviation Authorities)	<b>This SoC still stands.</b>  There are no proposed changes to Condition 31-32, Schedule 2 that may compromise delivery of this commitment.
12	Aircraft Hazards	Potential hazard	Minimise impact	Consult with the landowners and appropriate licensed contractors to discuss alternate measures for aerial spreading in areas affected by the turbines. The Applicant has also committed to reimbursing any landowner in the event that they	n/a	<b>This SoC still stands.</b>  Discussions with landowners have commenced regarding this matter. Landowners to make it known to the Applicant should they anticipate any impacts to aerial agricultural operations on their land as a result of the wind farm.



SoC	Issue	Potential Impact	Objective	Mitigation Task	Relevant Development Consent Condition	Assessment
				incur any additional costs for aerial agricultural operations on their land as a direct result of the wind farm.		
13	Tele-communication	Deterioration of signal strength	Avoid impact	The Applicant will make good any disruption to radio or telecommunication services in the area caused by the construction of the wind farm.	<b>Condition 33, Schedule 3</b> Radio-communications	<b>This SoC still stands.</b> There are no proposed changes to Condition 33, Schedule 2 that may compromise delivery of this commitment.
14	Traffic	Safety and asset protection	Minimise impact	The Applicant would develop and implement a Traffic Management Plan in consultation with RMS and Councils to facilitate appropriate management of potential traffic impacts.	<b>Condition 30, Schedule 3</b> Traffic Management Plan	<b>This SoC still stands.</b> There are no proposed changes to Condition 30, Schedule 2 that may compromise delivery of this commitment.
15	Traffic	Safety and asset protection	Minimise impact	Prior to the commencement of construction the Applicant will carry out any necessary upgrades to the local roads to be used during construction in consultation with the roads authority.	<b>Condition 27, Schedule 3</b> Road Upgrades	<b>This SoC still stands.</b> There are no proposed changes to Condition 27, Schedule 2 that may compromise delivery of this commitment. Road upgrades will be undertaken along the Preferred Transport Route.
16	Traffic	Safety and asset protection	Minimise impact	The Applicant will prepare a pre-dilapidation survey of the transport route prior to construction and a post-dilapidation survey after construction and will make good any project-related damage as soon as practicable.	<b>Condition 28, Schedule 3</b> Road Maintenance	<b>This SoC still stands.</b> There are no proposed changes to Condition 28, Schedule 2 that may compromise delivery of this commitment.
17	Bushfire	Bushfire risk	Minimise impact	Prepare a Bushfire Management Plan as part of the Environment Management Strategy in consultation with the Rural Fire	<b>Condition 22, Schedule 3</b>	<b>This SoC still stands.</b> There are no proposed changes to Condition 22, Schedule 2 that may compromise delivery of this commitment.



SoC	Issue	Potential Impact	Objective	Mitigation Task	Relevant Development Consent Condition	Assessment
				Service and NSW Fire Brigade in order to manage bushfire risks during construction, operation and decommissioning.	(Bushfire Management Plan)	
18	Hydrology	Deterioration of water quality	Minimise impact	The Applicant will ensure that the construction, operation and decommissioning of the development does not cause any water pollution.	<b>Condition 17, Schedule 3</b> Water Pollution	<b>This SoC still stands.</b>  There are no proposed changes to Condition 17, Schedule 2 that may compromise delivery of this commitment.
19	Economic	Effect on local community	Maximise positive impacts	Liaise with local industry representatives to maximise the use of local contractors	n/a	<b>This SoC still stands.</b>  The Applicant is committed to employing local people and buying local wherever possible.  A Goods and Services register has been set up for the project, where interested businesses and individuals will register there interested. The Goods and Services register is provided on the Project website (ryeparkwf.com.au).  Closer to the commencement of construction the Applicant (and/or their contractors will liaise with local industry representatives to further maximise the use of local contracts.
20	Economic	Community fund	Maximise local benefits	The Applicant will establish a community benefit fund and offer voluntary neighbour benefit agreements as outlined in this Report	n/a	<b>This SoC still stands.</b>  A Voluntary Planning Agreement has been established as the community benefit fund for the Project.  Additionally, neighbour benefit agreement program has recently been reinvigorated (following its establishment in 2014).  The Applicant is preparing a Benefit Sharing Plan that will detail additional benefit sharing programs to ensure benefits are shared with the community.



SoC	Issue	Potential Impact	Objective	Mitigation Task	Relevant Development Consent Condition	Assessment
21	Health and Safety	Safety of persons	Minimise impact	The Applicant will prepare and implement a Safety Management System to address safety during the construction and operation phases.	<b>Condition 35, Schedule 3</b> Safety	<b>This SoC still stands.</b> There are no proposed changes to Condition 35, Schedule 2 that may compromise delivery of this commitment.
22	Resources	Waste generation	Minimise waste	The Applicant will prepare a Waste Management Plan and implement all reasonable and feasible measures to minimise waste generated by the development and maximise recycling of materials	<b>Condition 36, Schedule 3</b> Waste	<b>This SoC still stands.</b> There are no proposed changes to Condition 36, Schedule 2 that may compromise delivery of this commitment.  The Applicant will further implement a Waste Management Plan, which is not a specific requirement of the development consent.
23	Community Consultation	Project information	Community liaison	Continue with the Community Consultation Committee as required during various stages of the project life cycle.	<b>Condition 3, Schedule 5</b> Environmental Management (Community Consultative Committee)	<b>This SoC still stands.</b> There are no proposed changes to Condition 3, Schedule 5 that may compromise delivery of this commitment.  A Community Consultative Committee was established in 2012 and continues to meet to provide a forum for discussion between The Applicant and the community.
<b>Statement of Commitments as part of the Final Modified Project</b>						
24	Heritage	Aboriginal and historic heritage	Minimise impacts	The Applicant is committed to surveying areas that have not previously been surveyed as part of the Final Modified Project.	n/a	This will be completed prior to construction. If additional Aboriginal items are found, the appropriate mitigation and management measures will be applied.