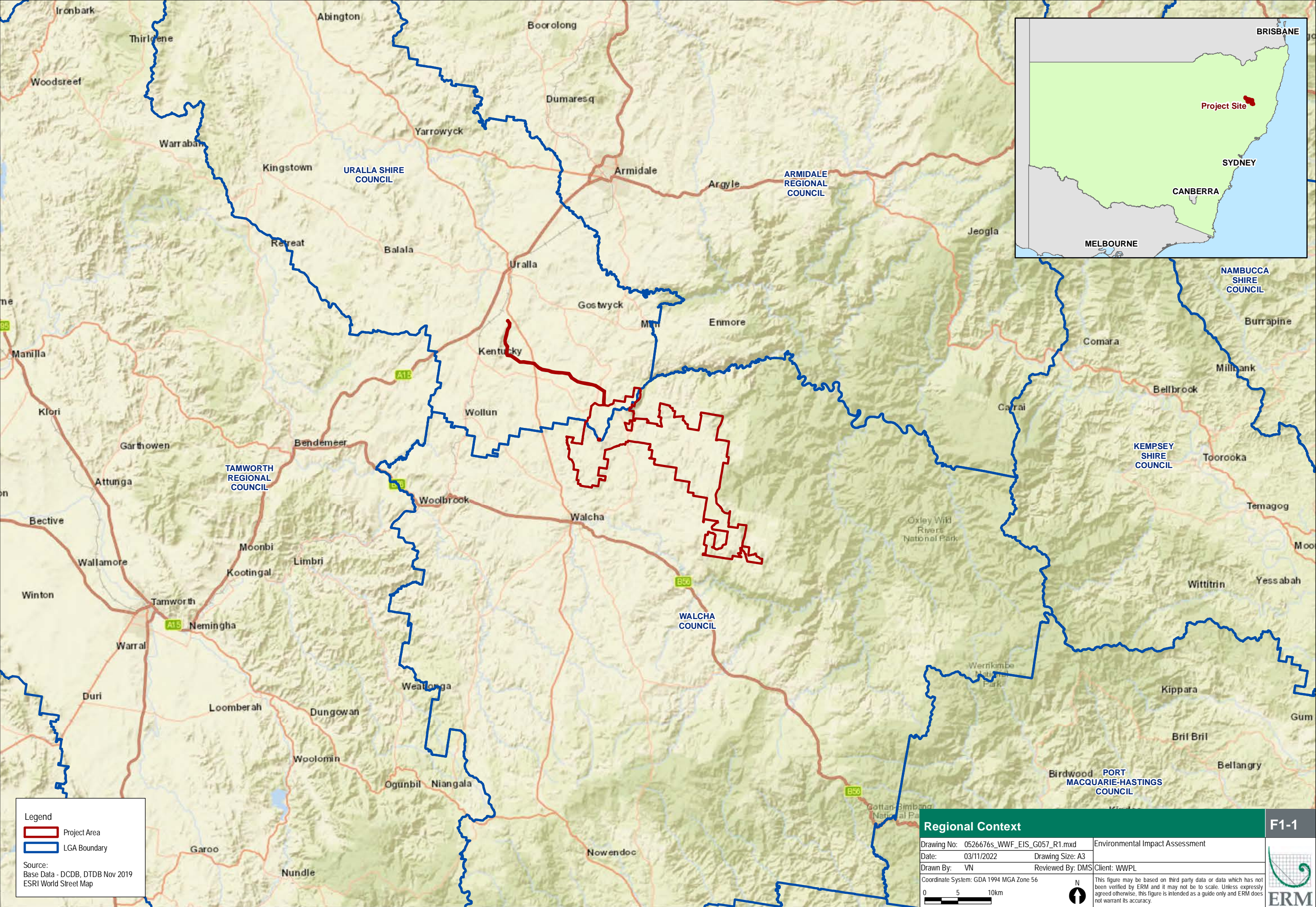
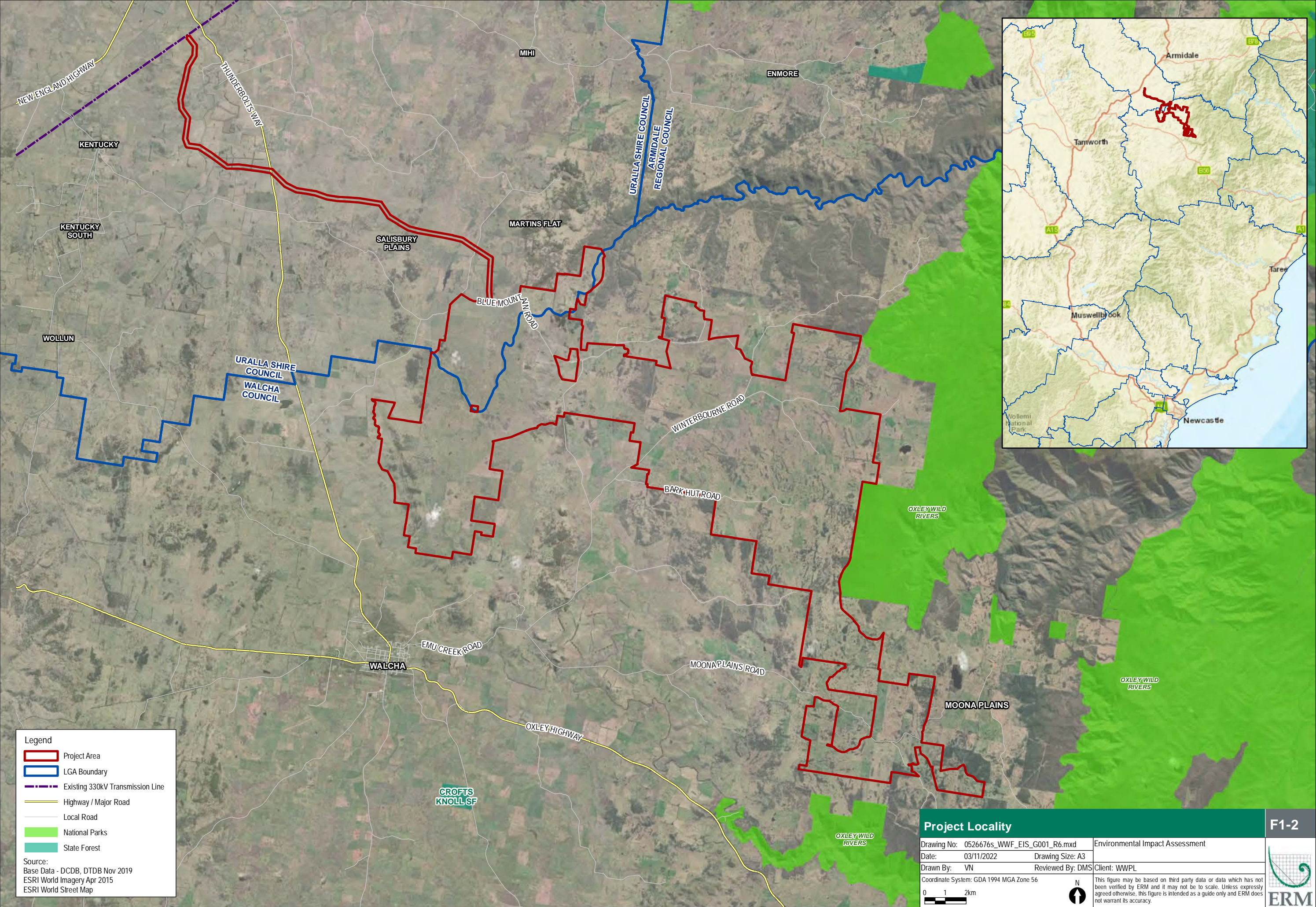


APPENDIX B DETAILED MAPS





Legend

Project Area

LGA Boundary

Existing 330kV Transmission Line

Highway / Major Road

Local Road

National Parks

State Forest

Source:

Base Data - DCDB, DTDB Nov 2019

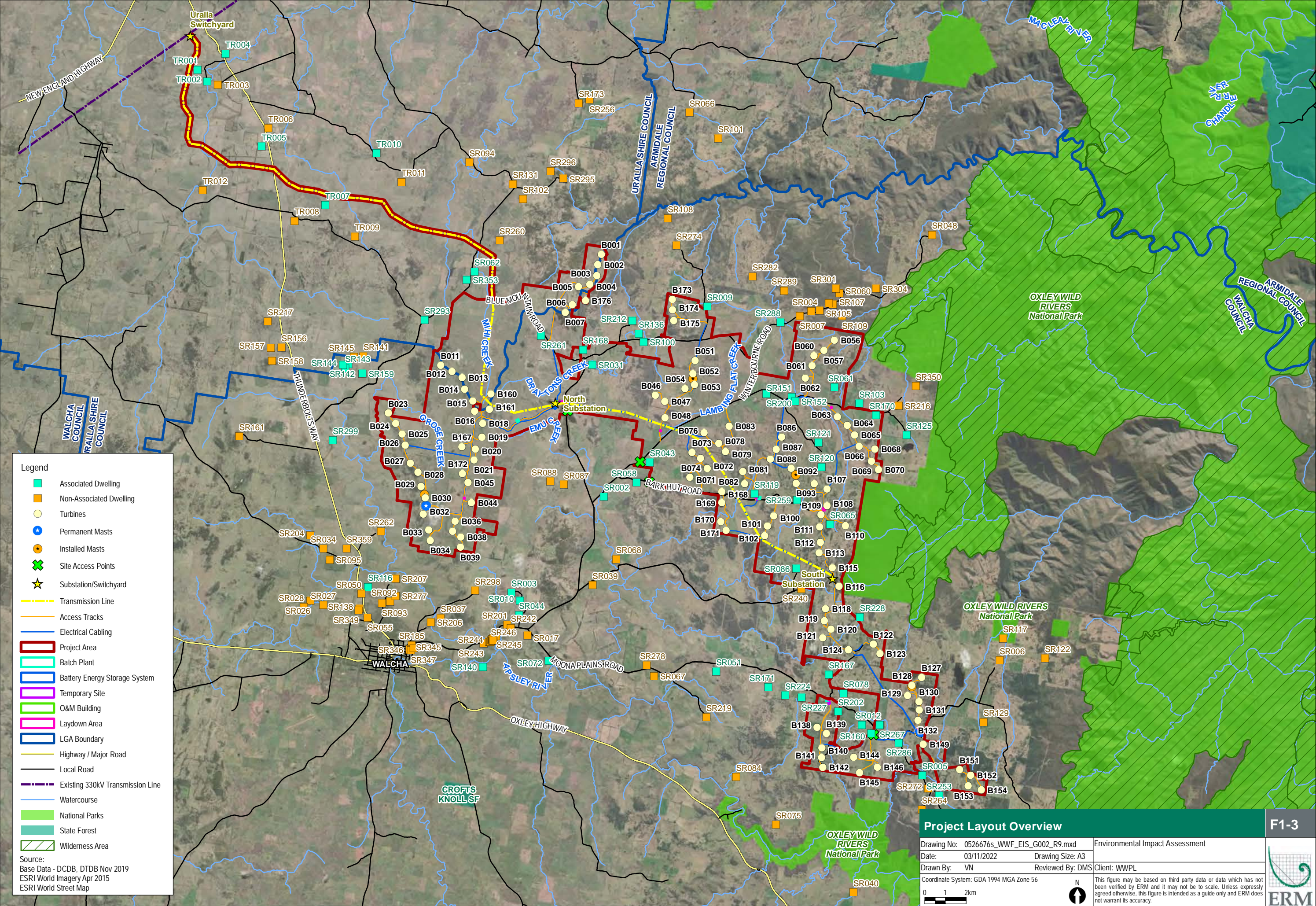
ESRI World Imagery Apr 2015

ESRI World Street Map

Project Locality

F1-2

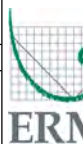
Drawing No: 0526676s_WWF_EIS_G001_R6.mxd		Environmental Impact Assessment	
Date: 03/11/2022		Drawing Size: A3	
Drawn By: VN		Reviewed By: DMS	
Client: WWPL			
Coordinate System: GDA 1994 MGA Zone 56			
0 1 2km		<div><div>N</div><div></div></div>	
<div>This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.</div>			

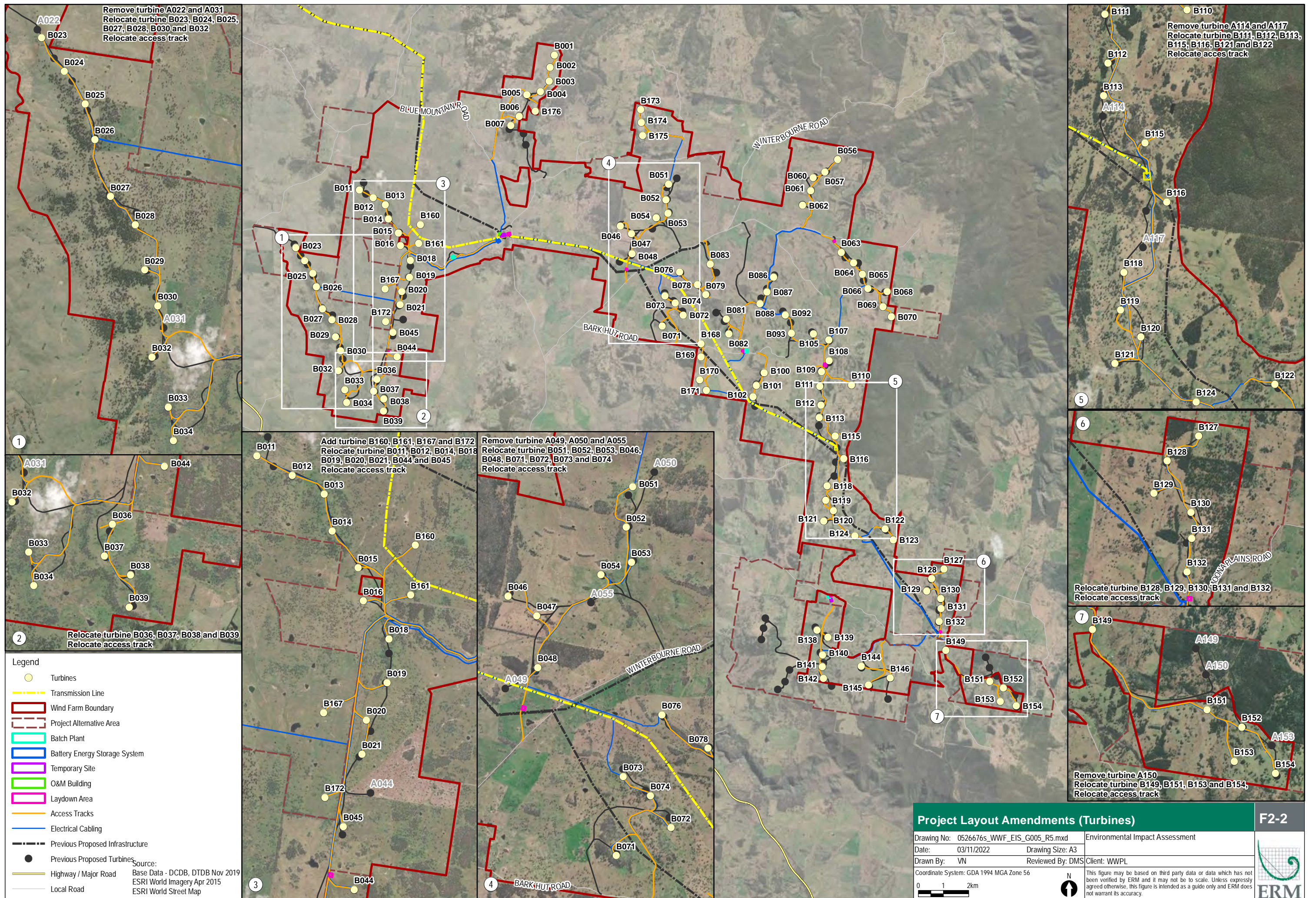


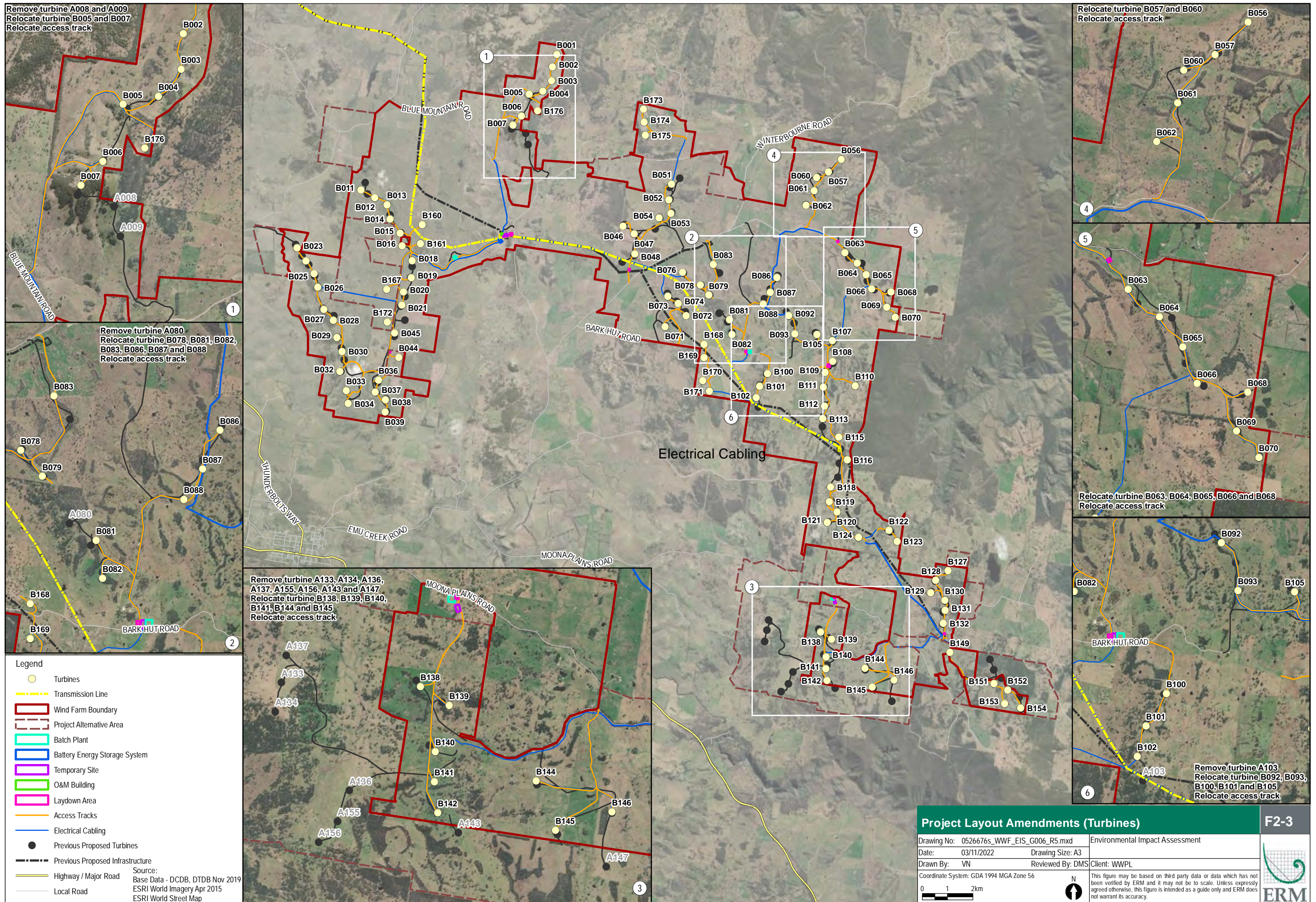
Project Layout Overview

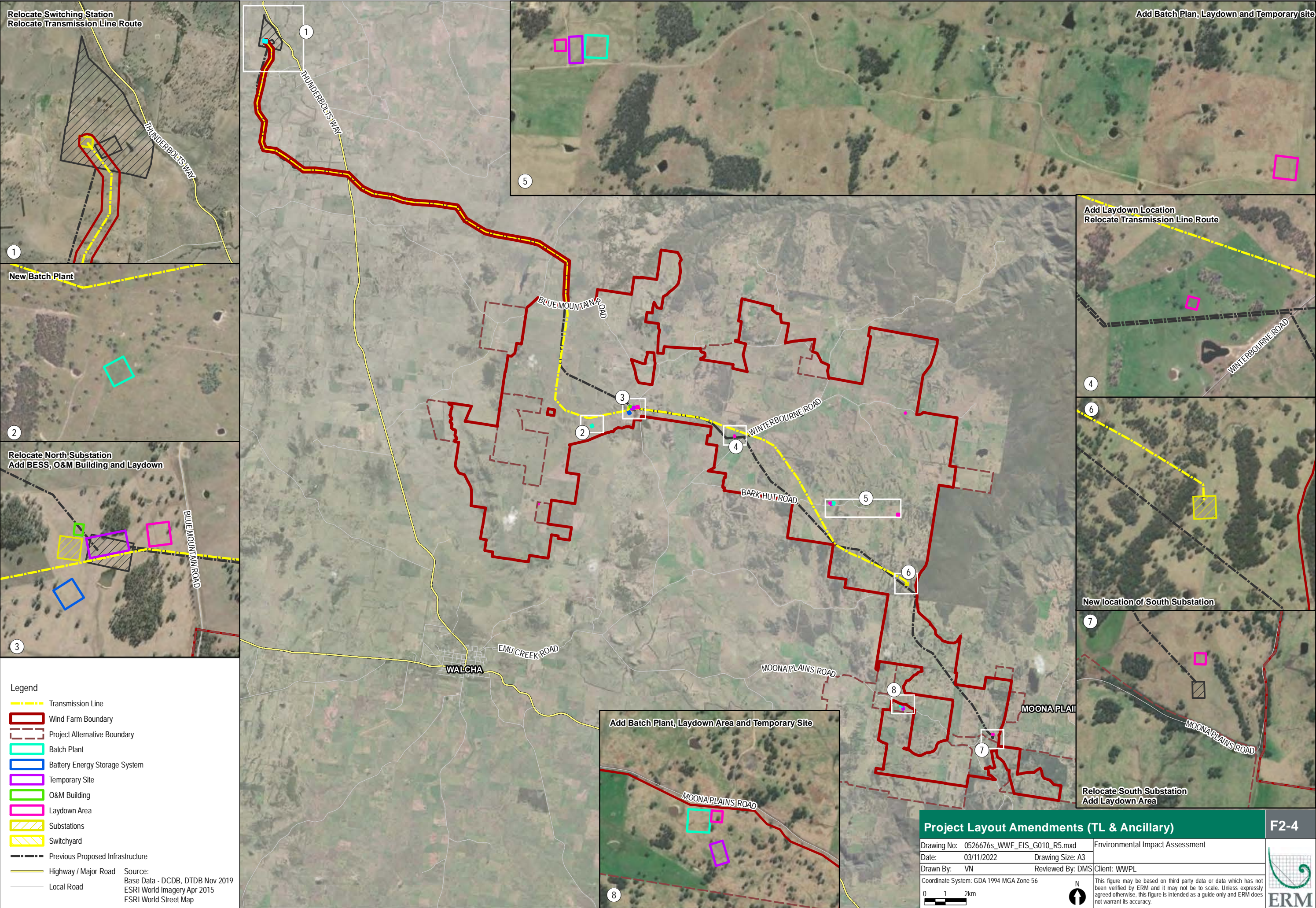
Drawing No: 0526676s_WWF_EIS_G002_R9.mxd	Environmental Impact Assessment
Date: 03/11/2022	Drawing Size: A3
Drawn By: VN	Reviewed By: DMS
Client: WWPL	
Coordinate System: GDA 1994 MGA Zone 56	
0 1 2km	
N	
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.	

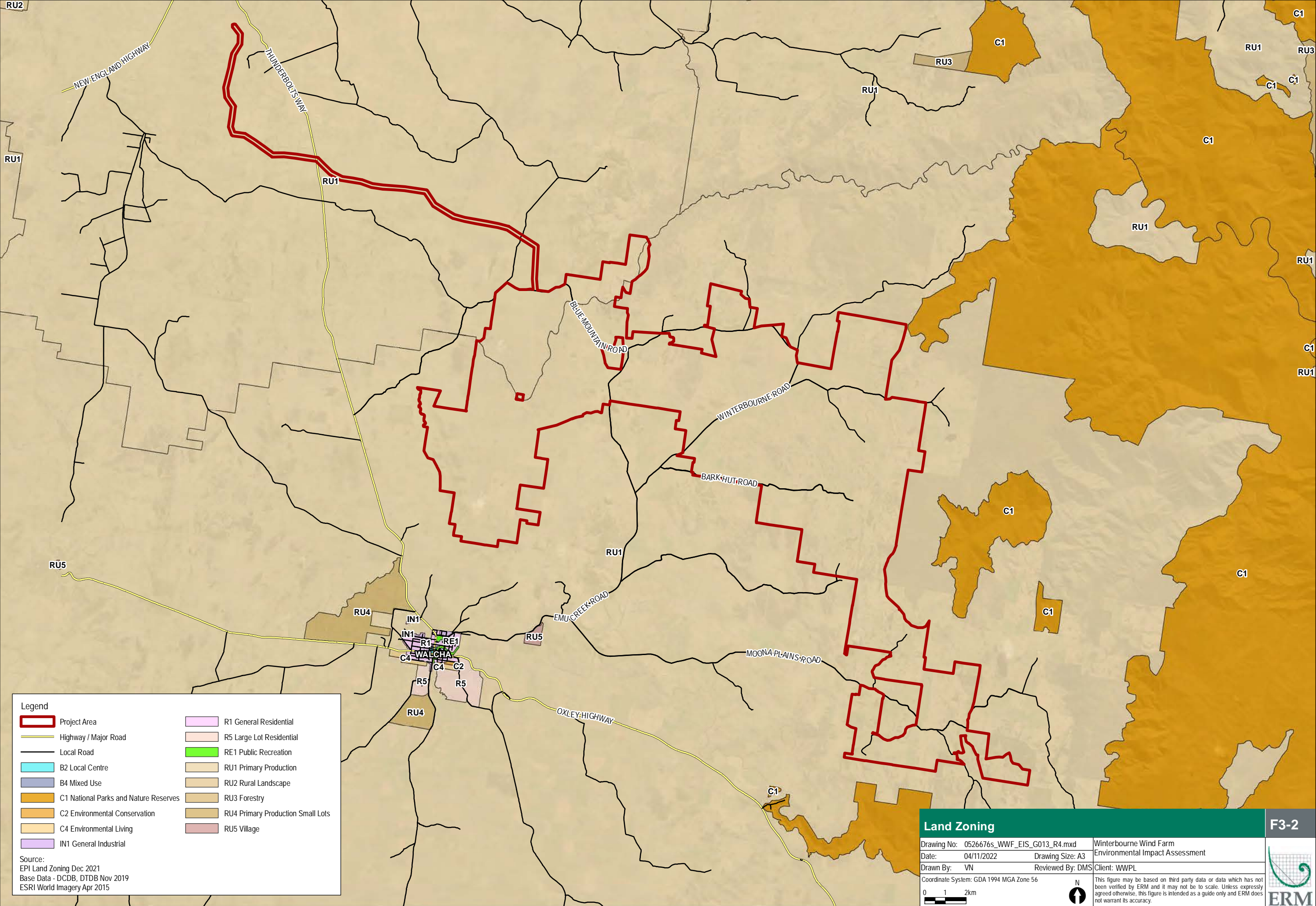
F1-3











Legend

Project Area

Highway / Major Road

Local Road

B2 Local Centre

B4 Mixed Use

C1 National Parks and Nature Reserves

C2 Environmental Conservation

C4 Environmental Living

IN1 General Industrial

R1 General Residential

R5 Large Lot Residential

RE1 Public Recreation

RU1 Primary Production

RU2 Rural Landscape

RU3 Forestry

RU4 Primary Production Small Lots

RU5 Village

Source:
EPI Land Zoning Dec 2021
Base Data - DCDB, DTDB Nov 2019
ESRI World Imagery Apr 2015

Land Zoning

Drawing No: 0526676s_WWF_EIS_G013_R4.mxd

Date: 04/11/2022

Drawn By: VN

Coordinate System: GDA 1994 MGA Zone 56

012km

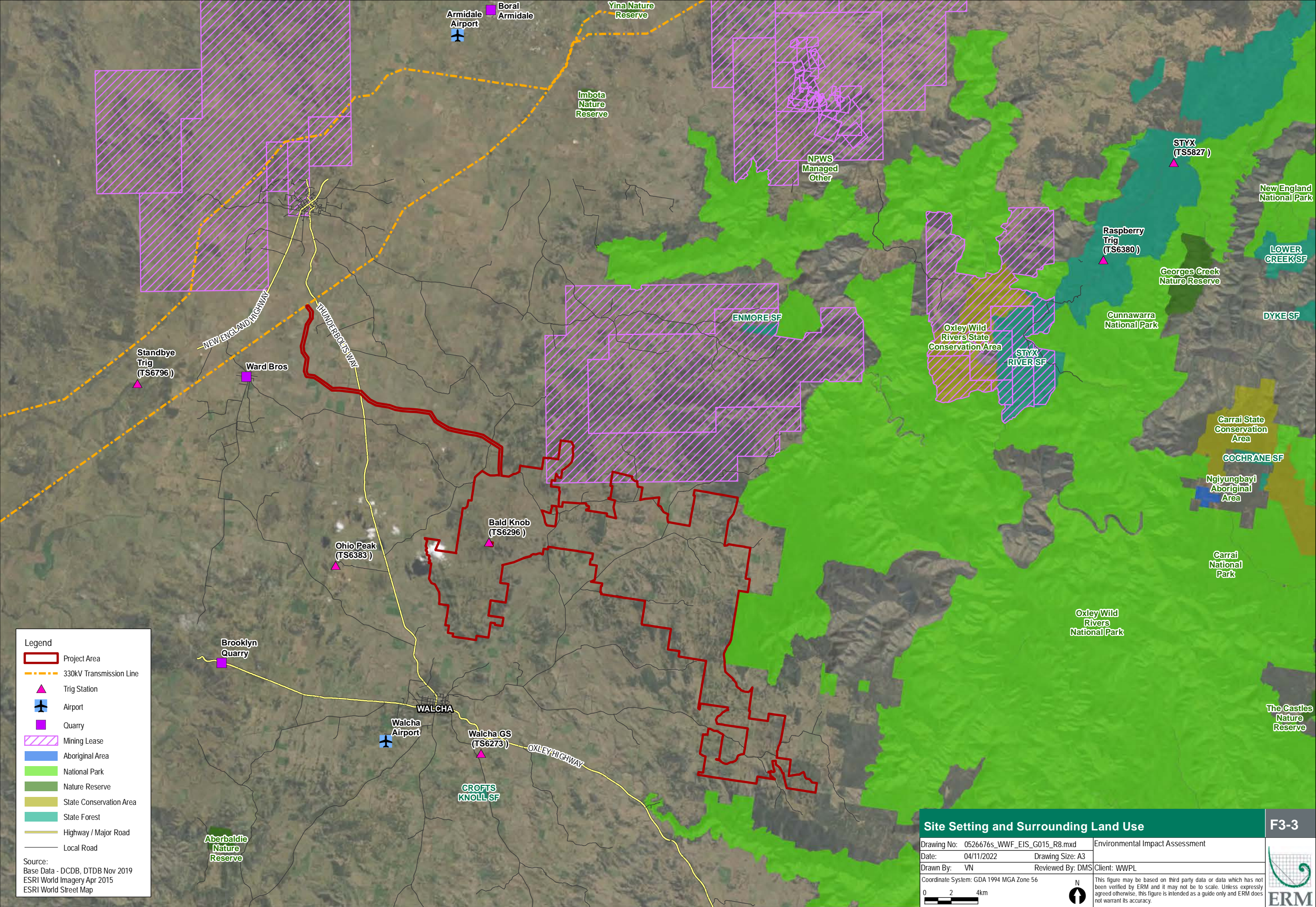
Drawing Size: A3

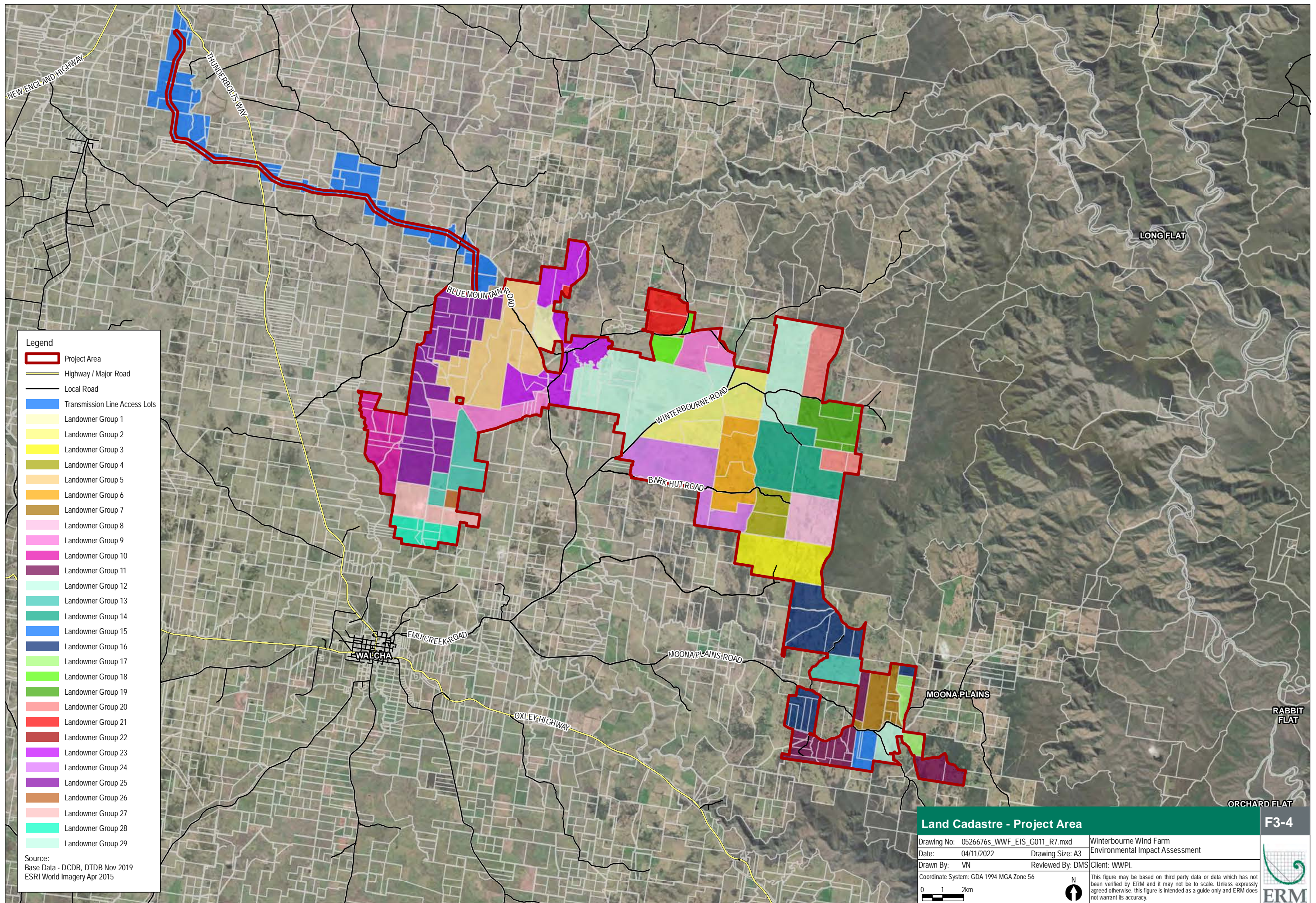
Reviewed By: DMS

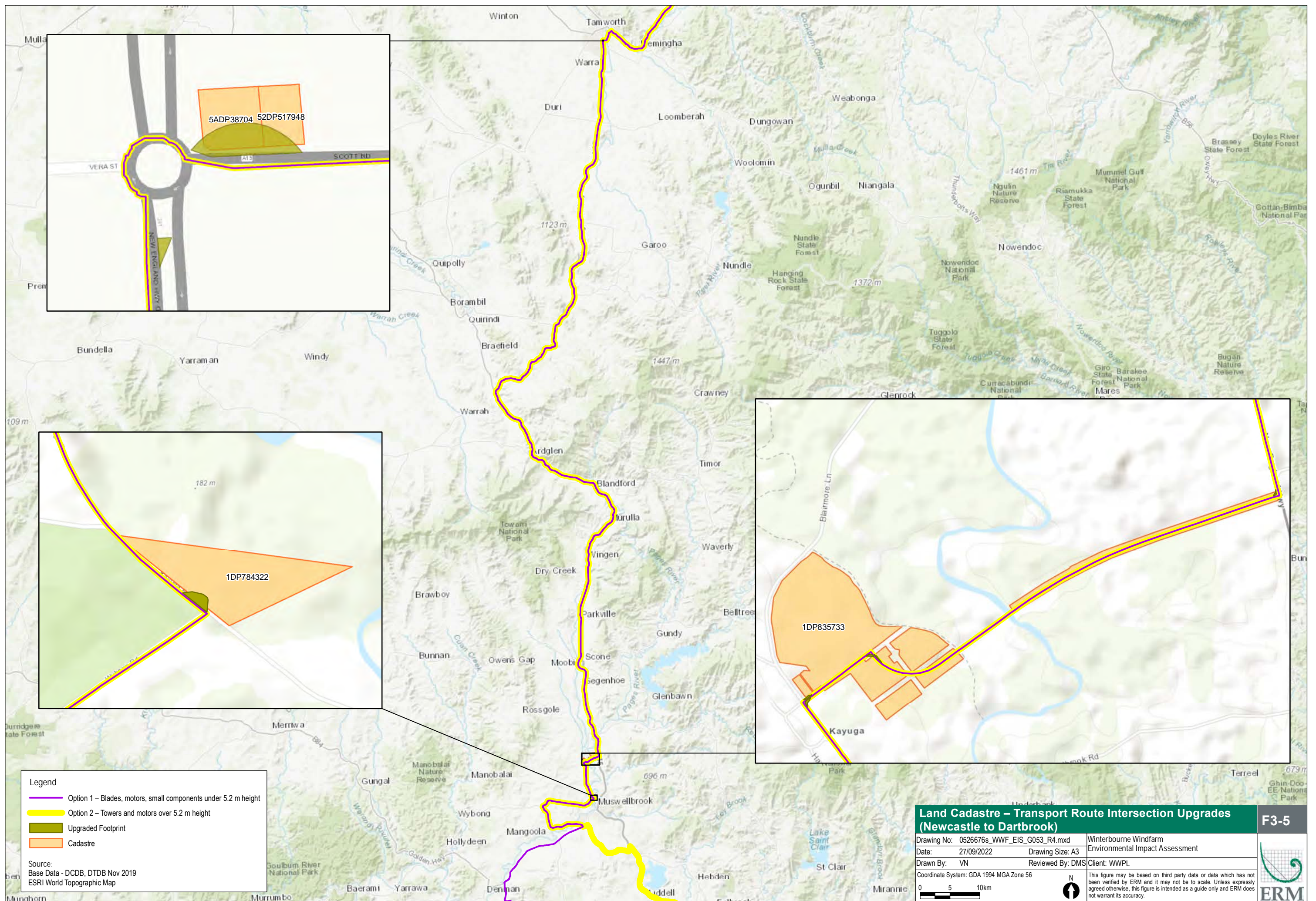
Client: WWPL

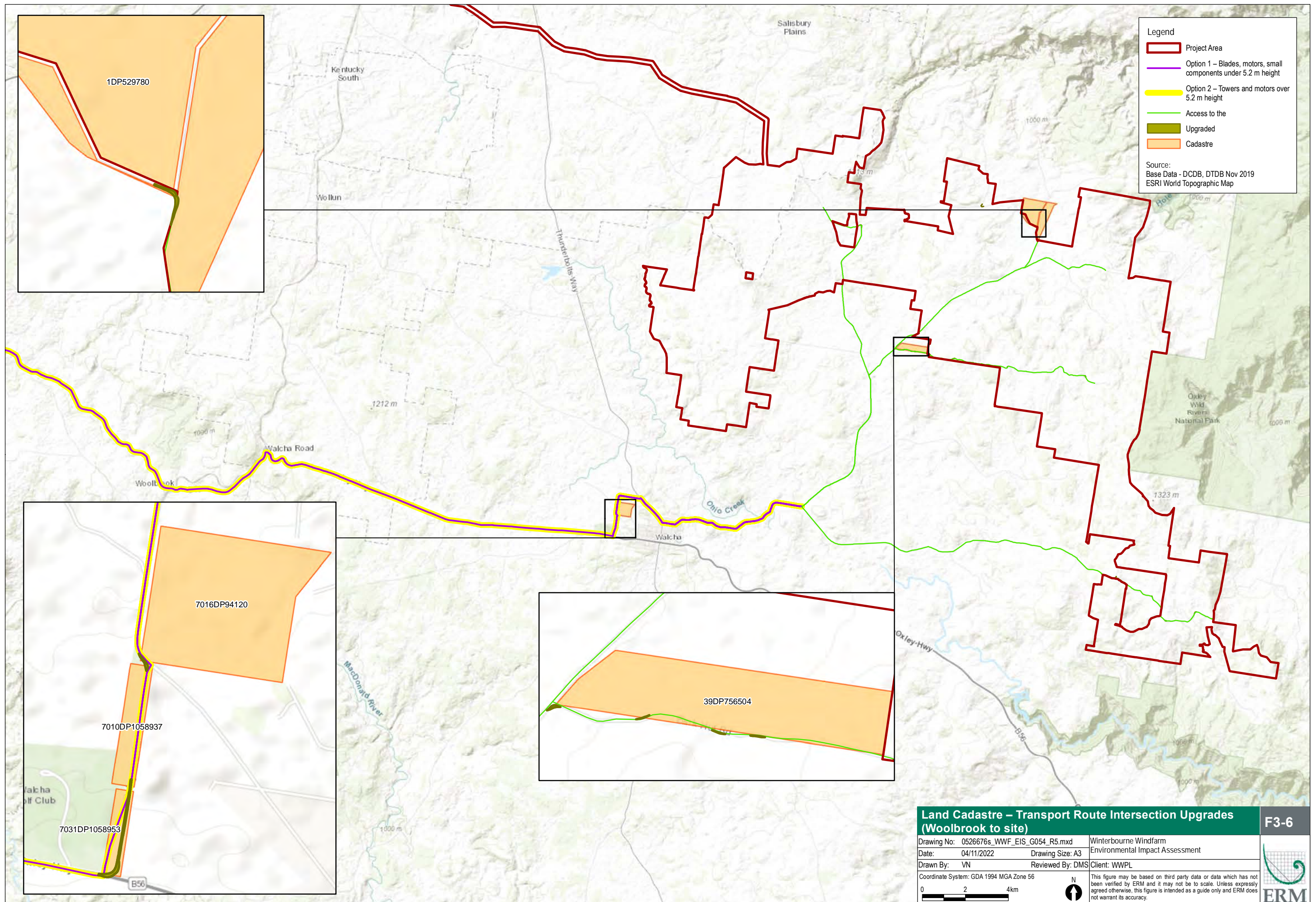
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.

F3-2

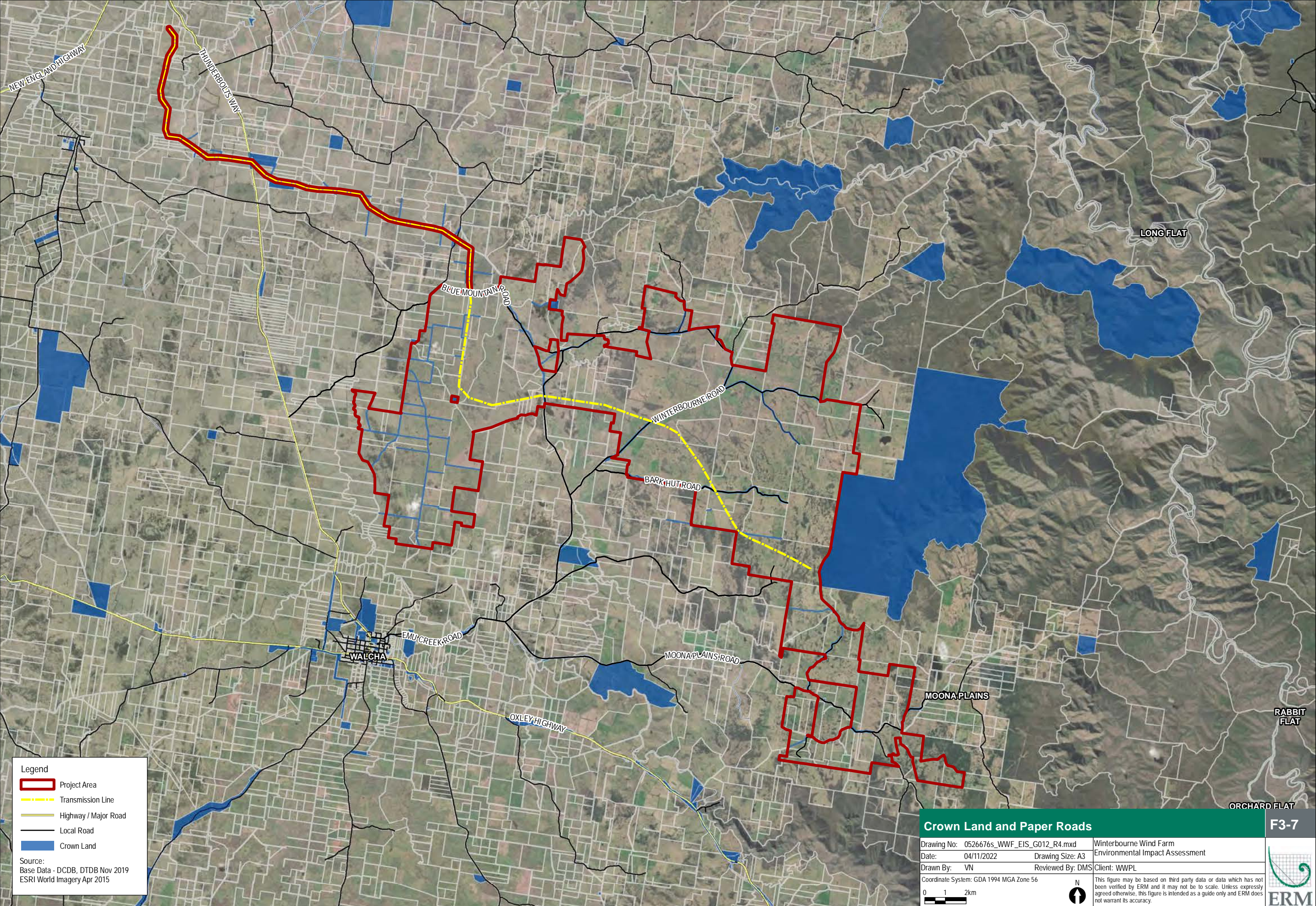


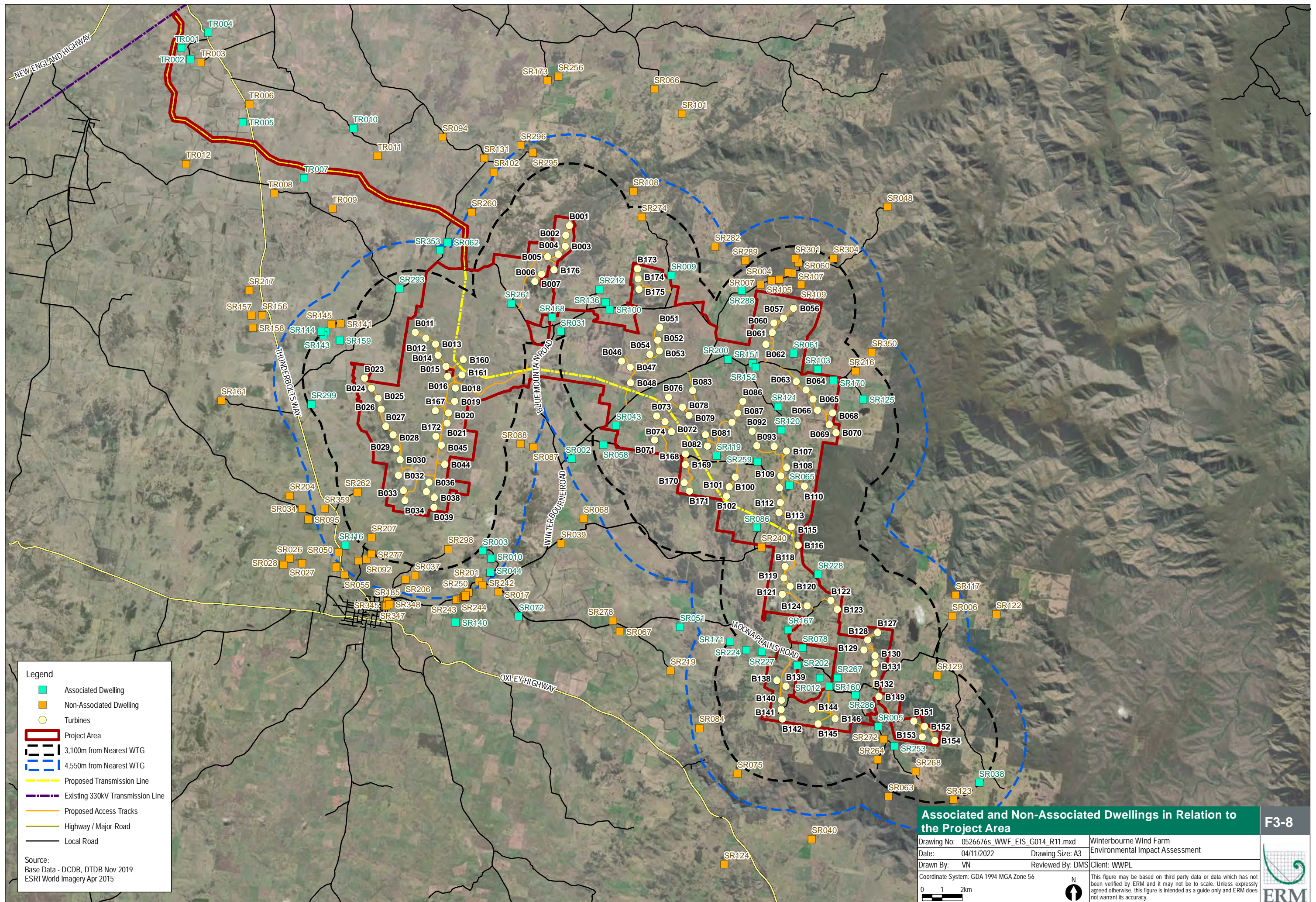


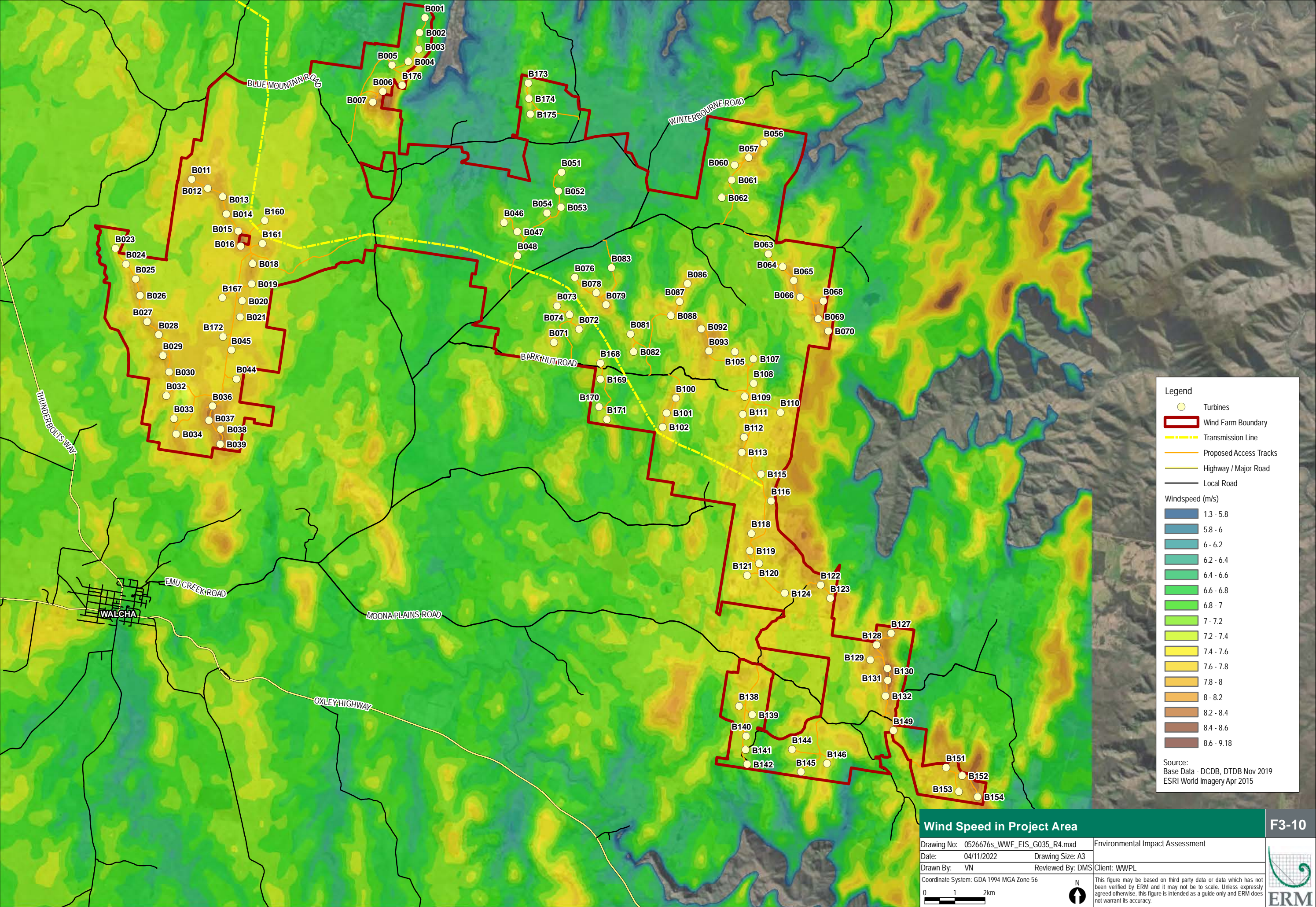


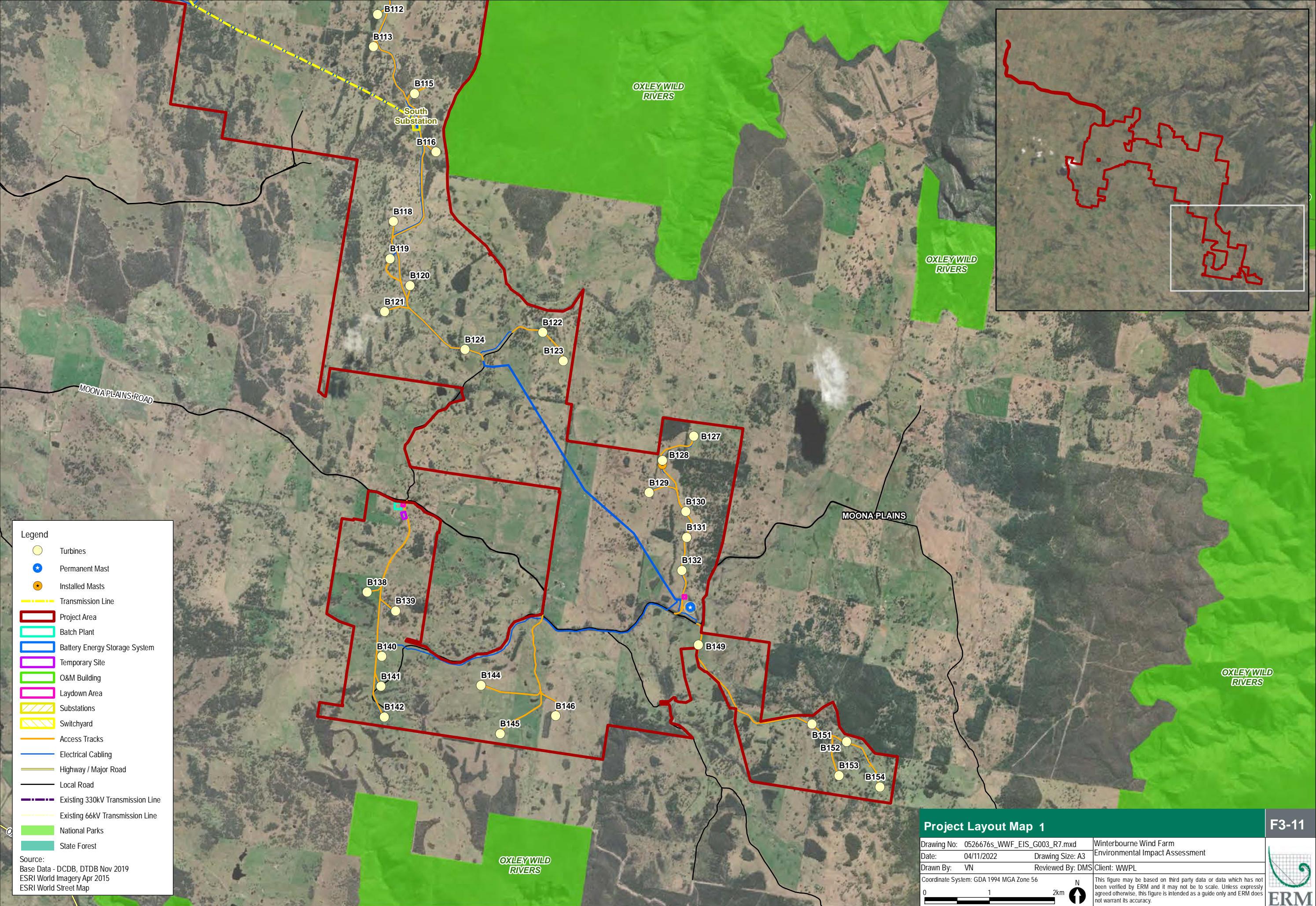


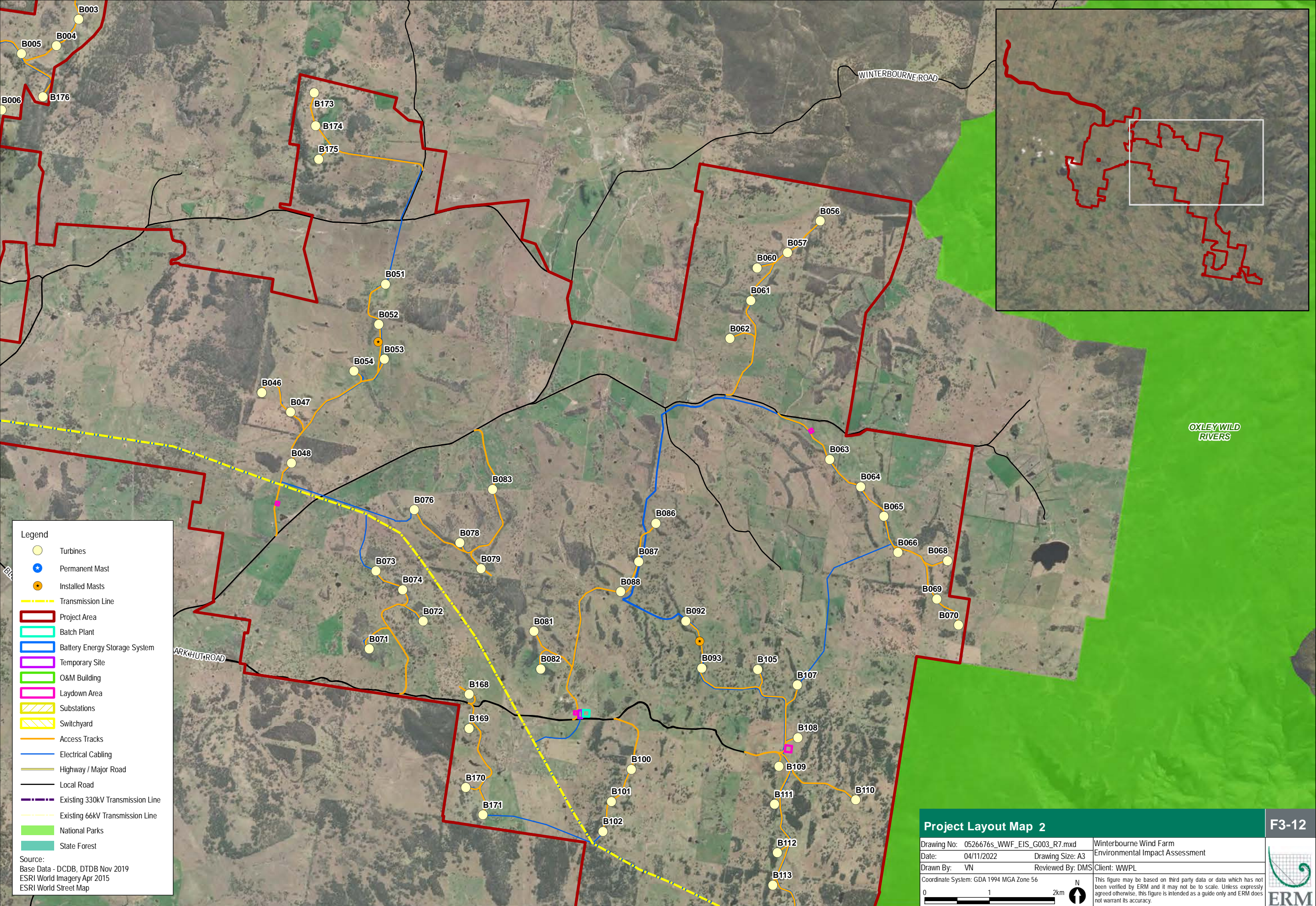
Land Cadastre – Transport Route Intersection Upgrades (Woolbrook to site)		F3-6
Drawing No: 0526676s_WWF_EIS_G054_R5.mxd		Winterbourne Windfarm Environmental Impact Assessment
Date: 04/11/2022 Drawing Size: A3		
Drawn By: VN	Reviewed By: DMS	Client: WWPL
Coordinate System: GDA 1994 MGA Zone 56		This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.
0 2 4km		

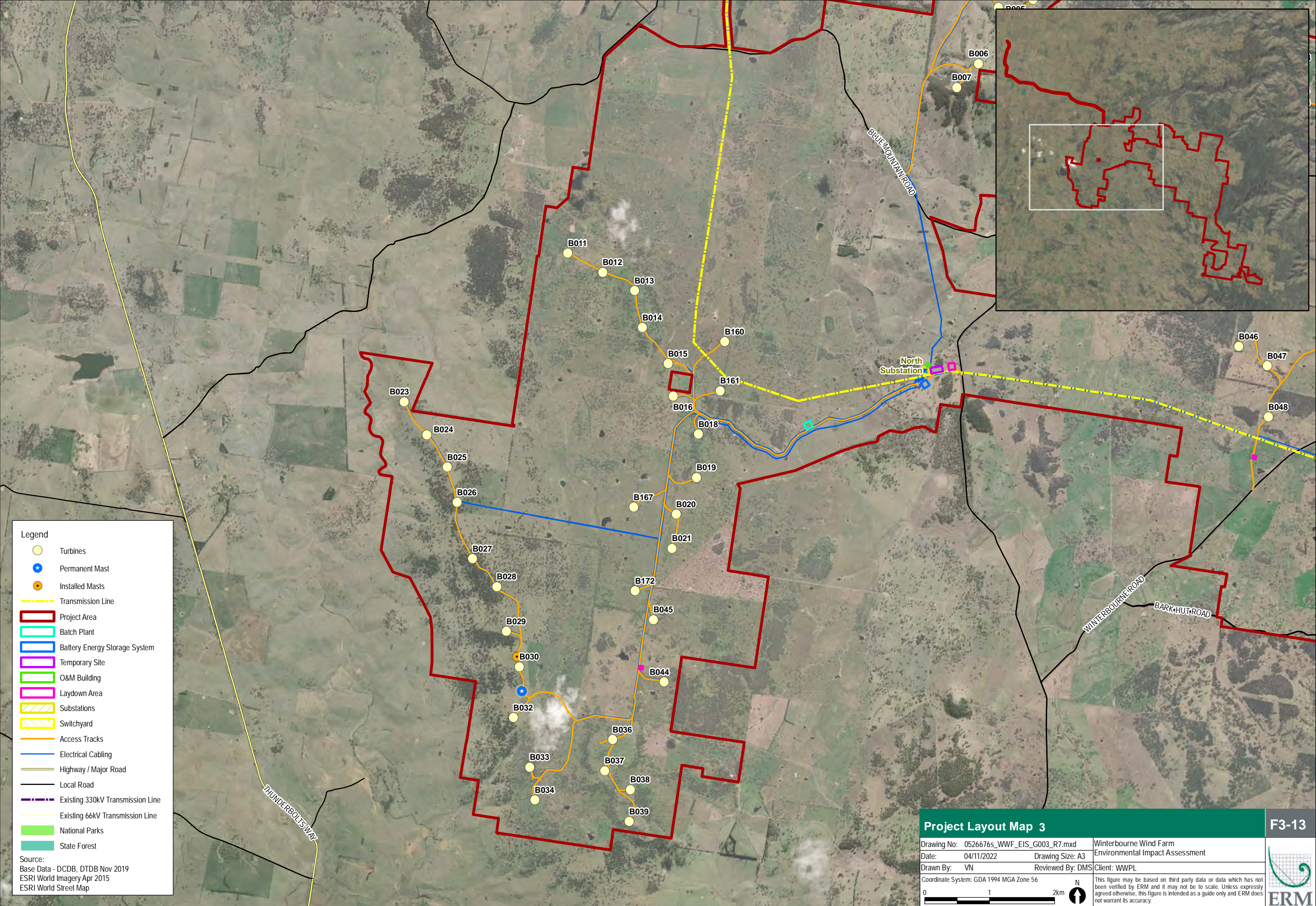


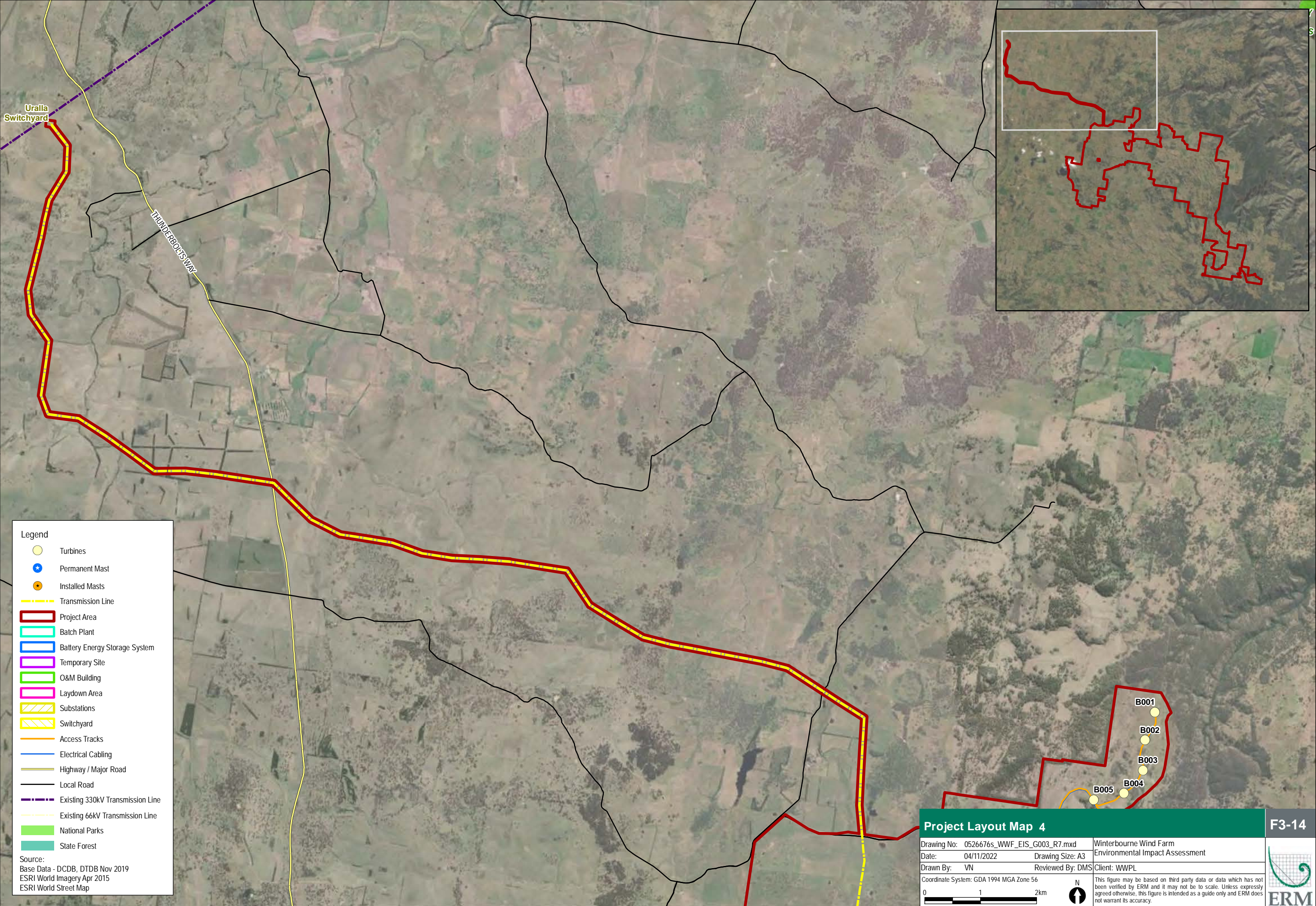


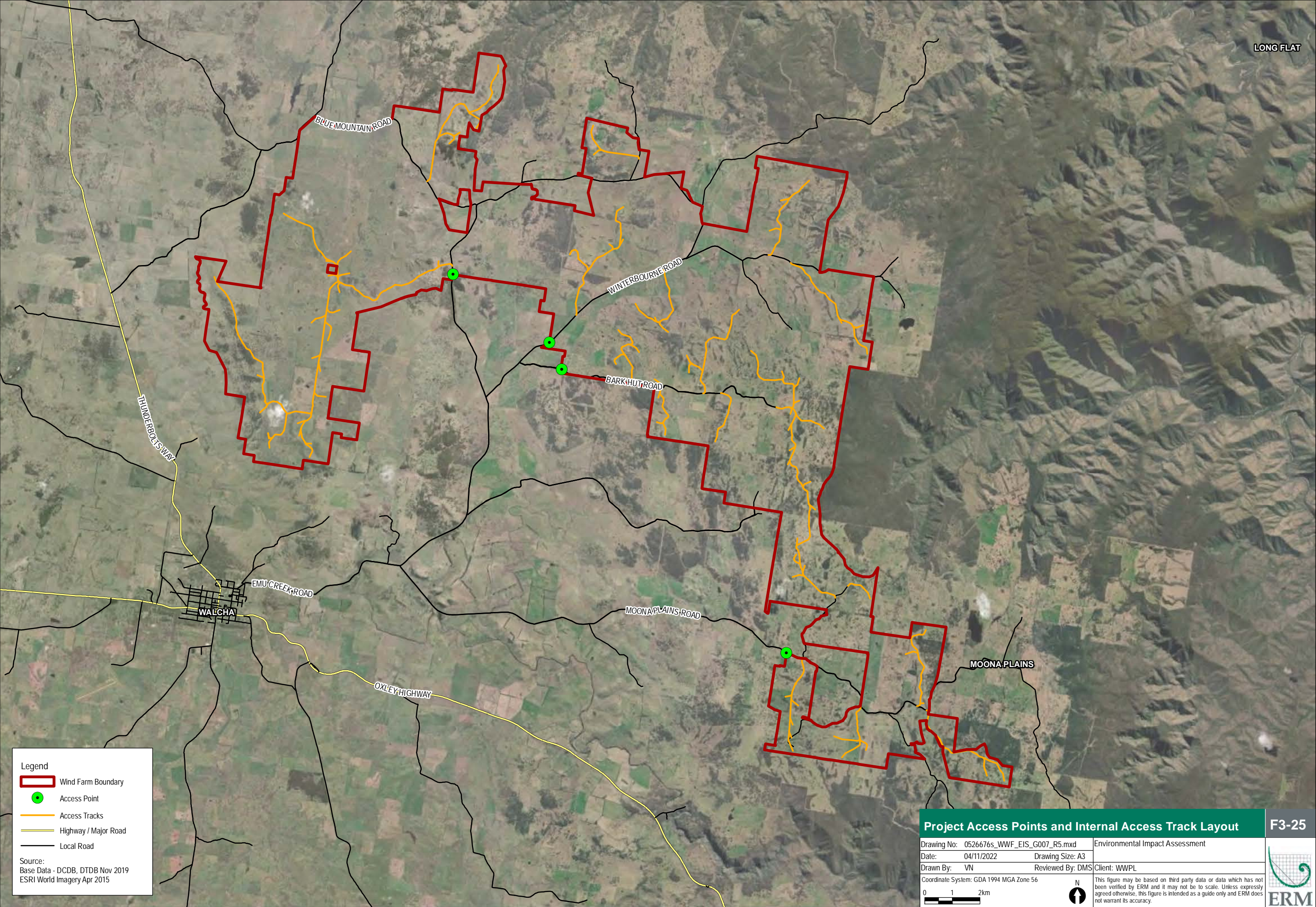














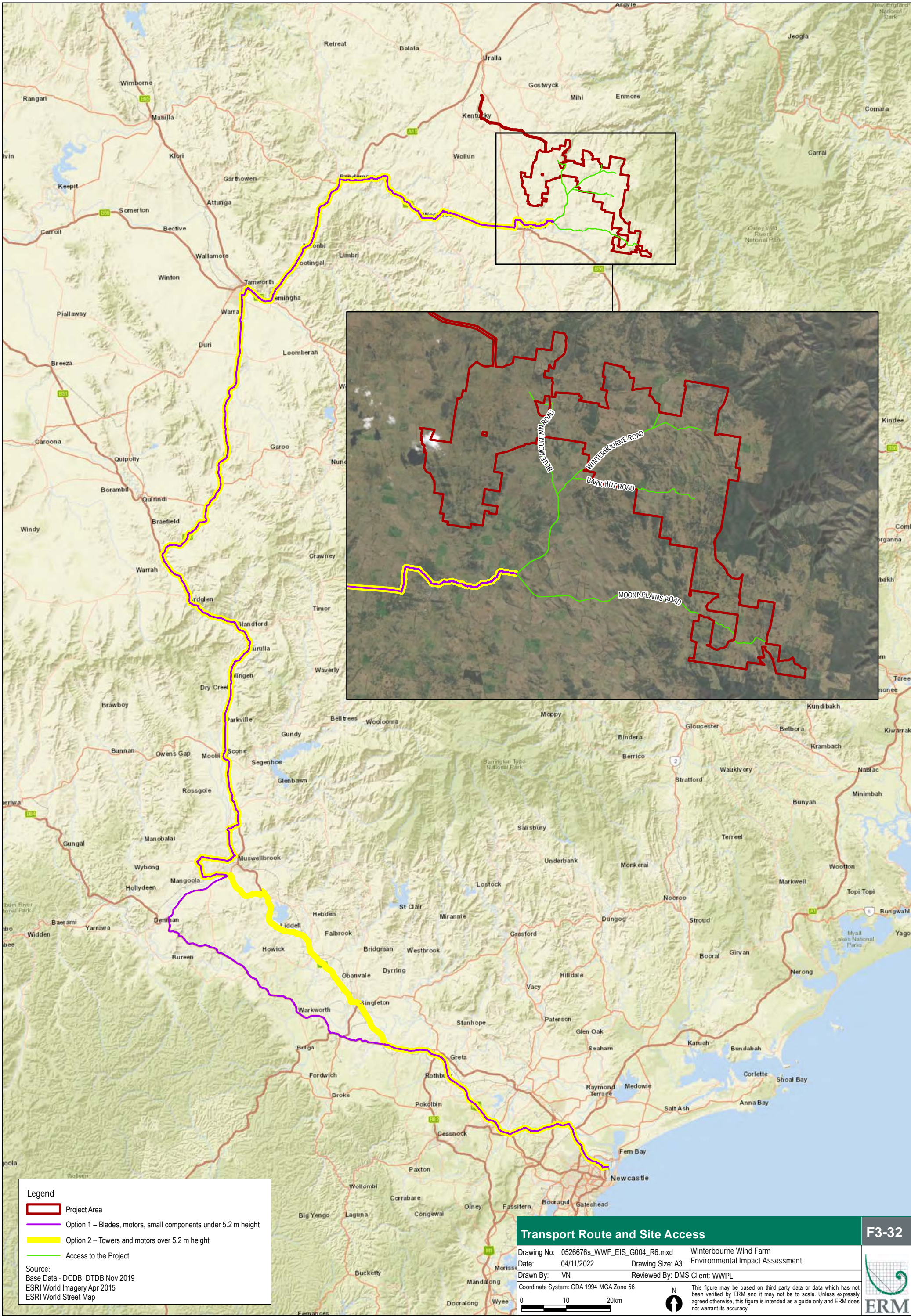
Legend

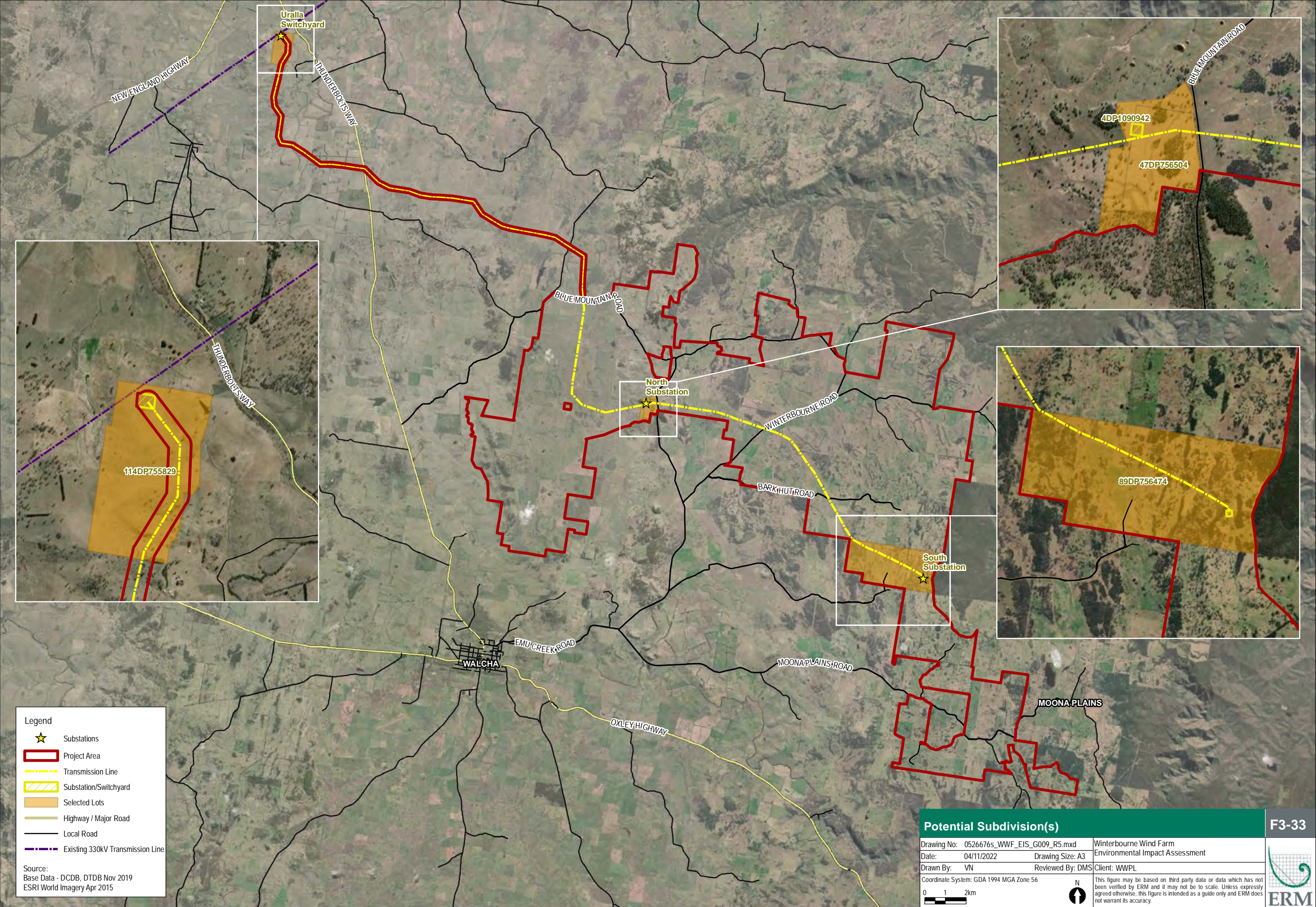
- Wind Farm Boundary
- Access Point
- Access Tracks
- Highway / Major Road
- Local Road

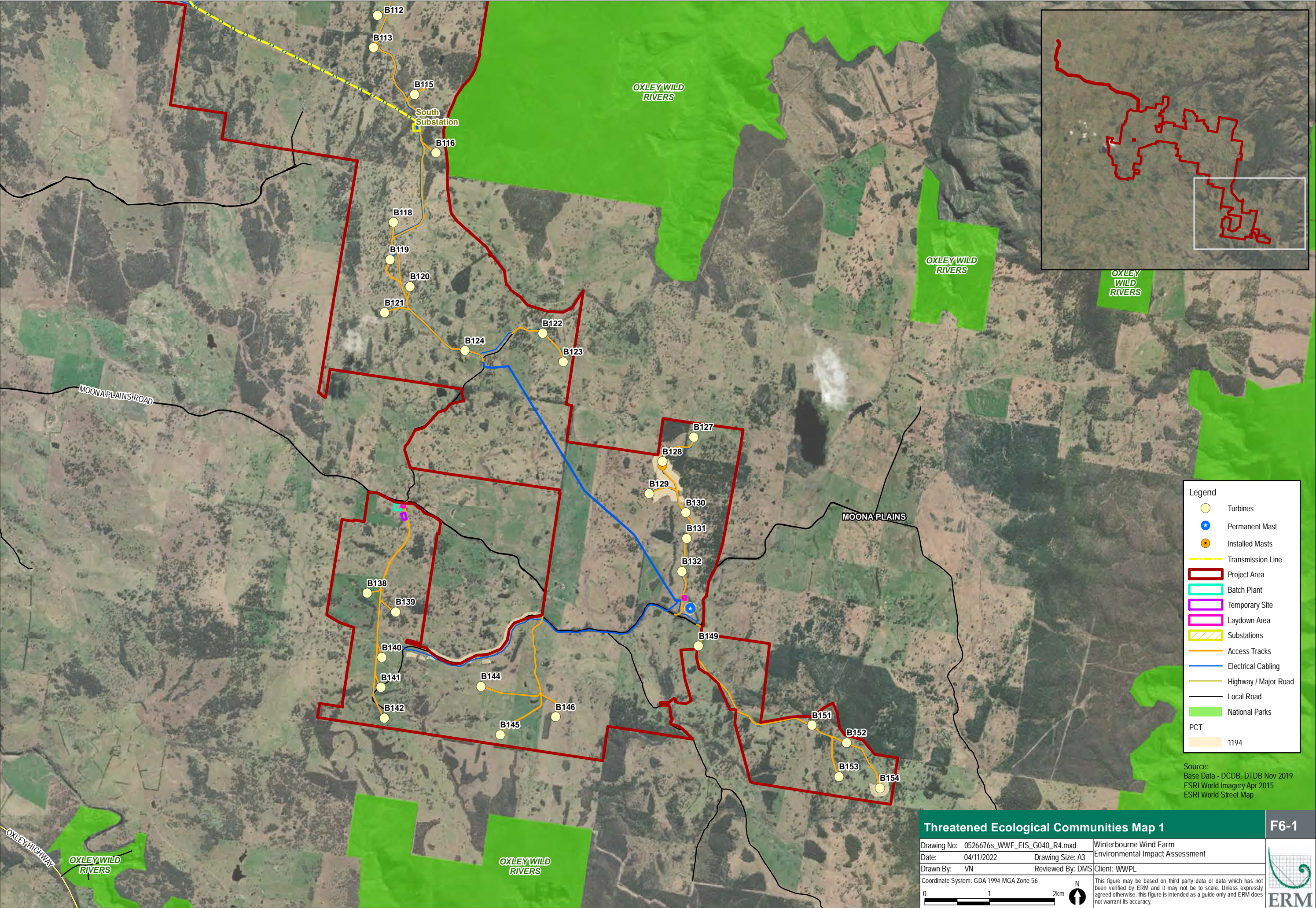
Source:
Base Data - DCDB, DTDB Nov 2019
ESRI World Imagery Apr 2015

Project Access Points and Internal Access Track Layout		F3-25
Drawing No: 0526676s_WWF_EIS_G007_R5.mxd	Environmental Impact Assessment	
Date: 04/11/2022	Drawing Size: A3	
Drawn By: VN	Reviewed By: DMS	Client: WWPL
Coordinate System: GDA 1994 MGA Zone 56		 This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.
0 1 2km		







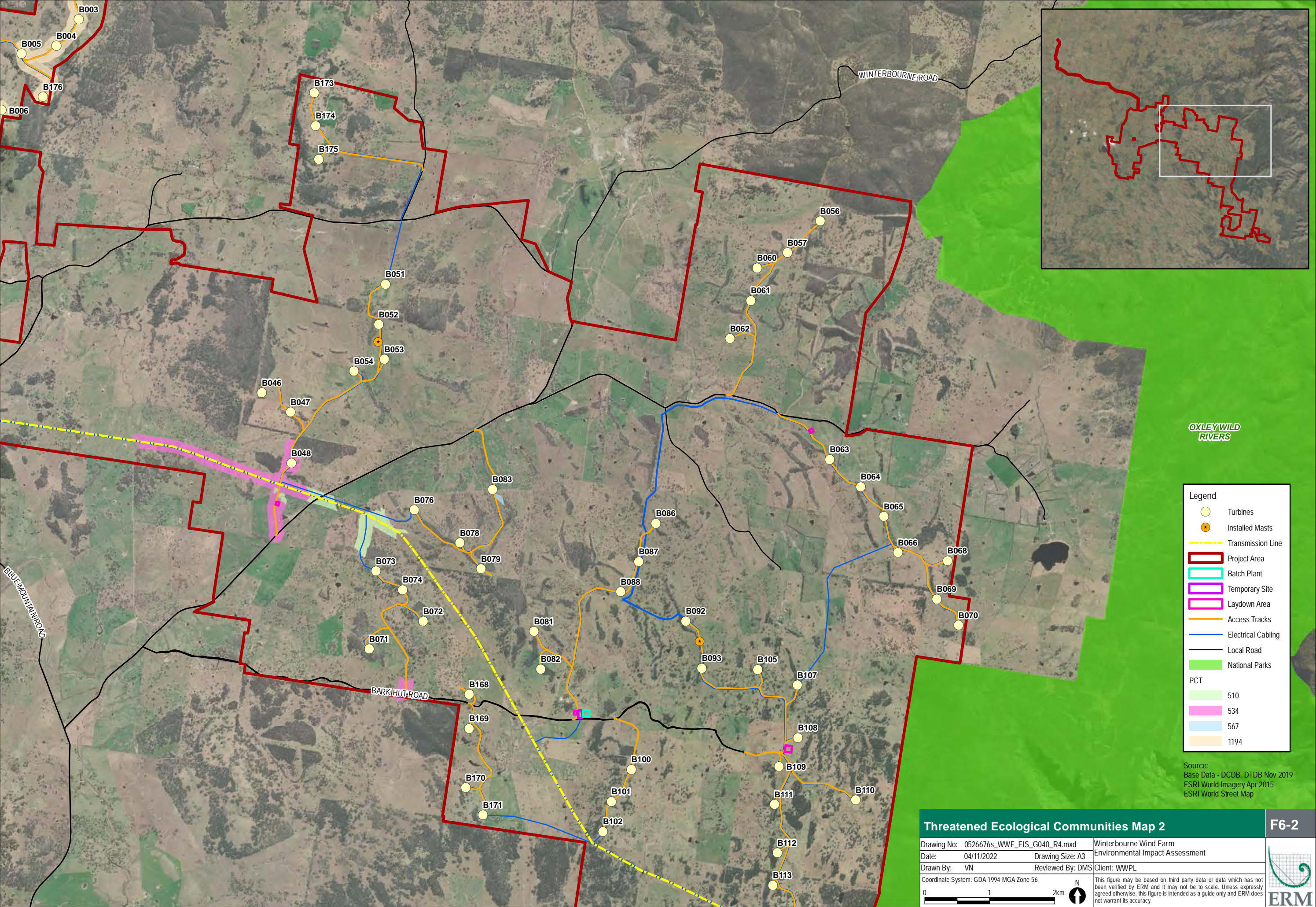


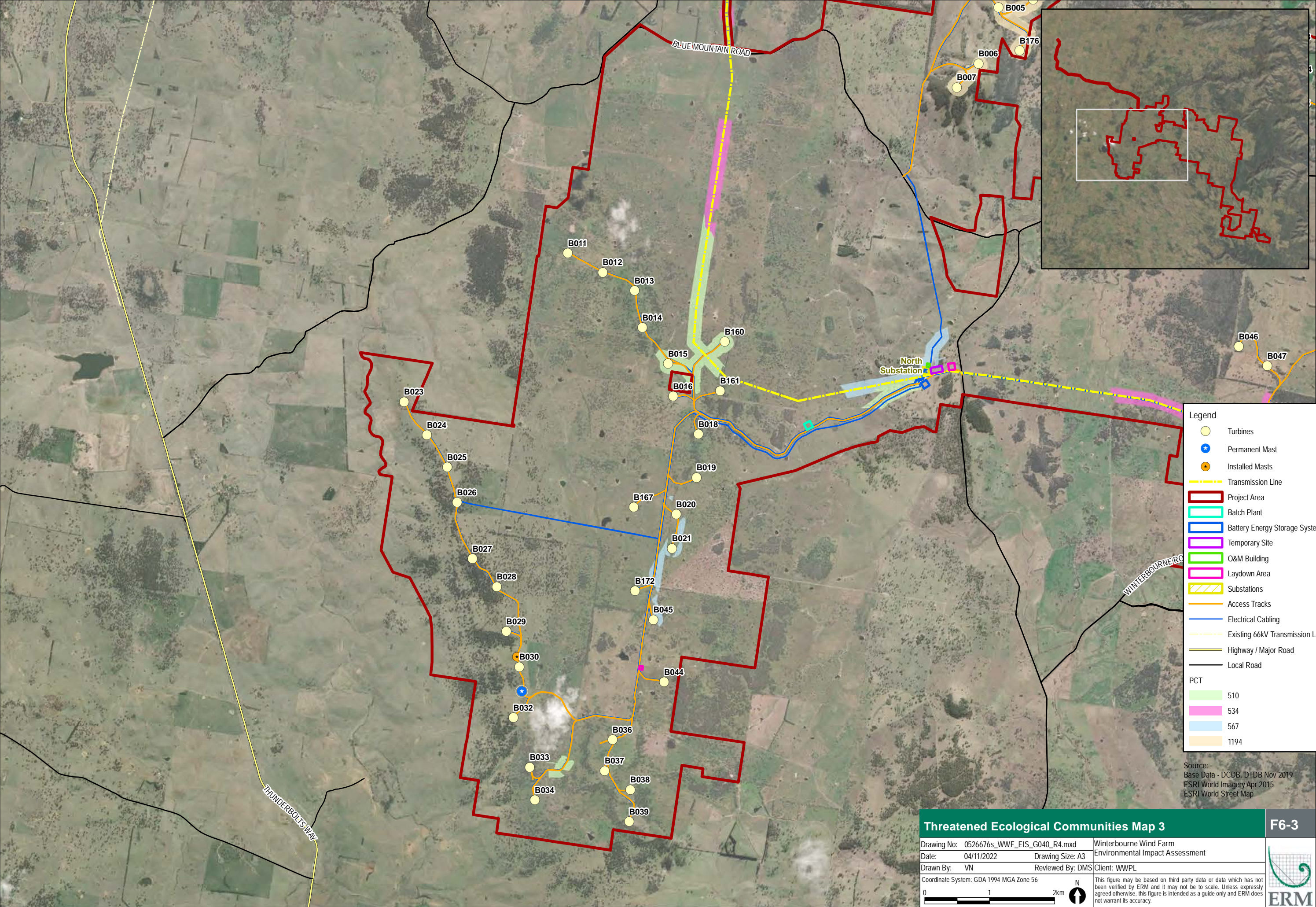
Legend

- Turbines
- Permanent Mast
- Installed Masts
- Transmission Line
- Project Area
- Batch Plant
- Temporary Site
- Laydown Area
- Substations
- Access Tracks
- Electrical Cabling
- Highway / Major Road
- Local Road
- National Parks
- PCT
- 1194

Source:
Base Data - DCDB, DTDB Nov 2019
ESRI World Imagery Apr 2015
ESRI World Street Map

Threatened Ecological Communities Map 1		F6-1
Drawing No: 0526676s_WWF_EIS_G040_R4.mxd		
Date: 04/11/2022 Drawing Size: A3		
Drawn By: VN Reviewed By: DMS Client: WWPL		
Coordinate System: GDA 1994 MGA Zone 56		<p>This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.</p>
<p>0 1 2km</p> <p>N</p>		





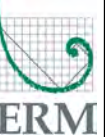
Legend

- Turbines
- Permanent Mast
- Installed Masts
- Transmission Line
- Project Area
- Batch Plant
- Battery Energy Storage System
- Temporary Site
- O&M Building
- Laydown Area
- Substations
- Access Tracks
- Electrical Cabling
- Existing 66kV Transmission Line
- Highway / Major Road
- Local Road

PCT

- 510
- 534
- 567
- 1194

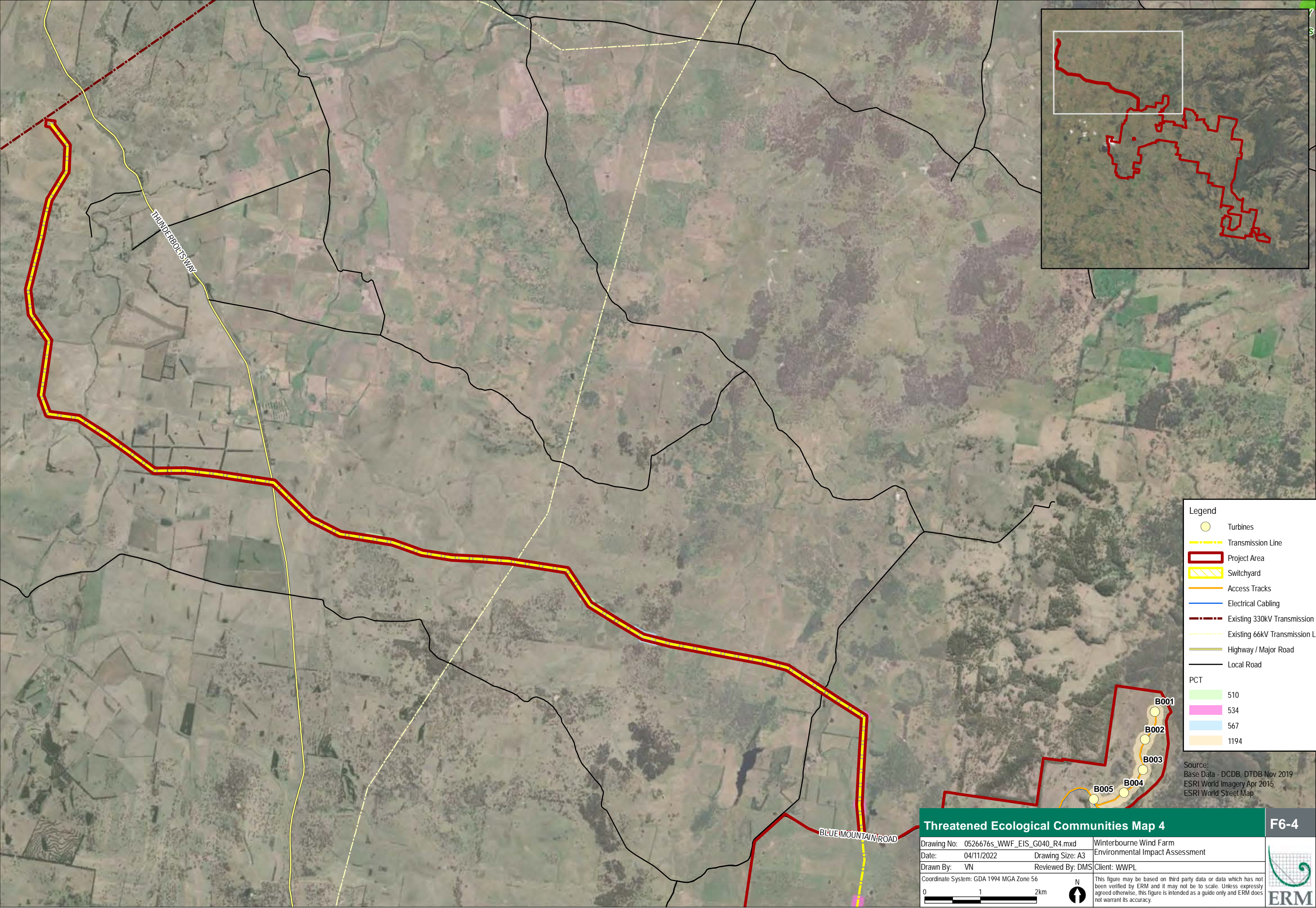
Source:
Base Data - DCDB, DTDB Nov 2019
ESRI World Imagery Apr 2015
ESRI World Street Map

Threatened Ecological Communities Map 3		F6-3	
Drawing No: 0526676s_WWF_EIS_G040_R4.mxd	Winterbourne Wind Farm		
Date: 04/11/2022	Drawing Size: A3		Environmental Impact Assessment
Drawn By: VN	Reviewed By: DMS		Client: WWPL
Coordinate System: GDA 1994 MGA Zone 56			

0 1 2km

N

This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.




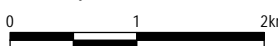

Legend

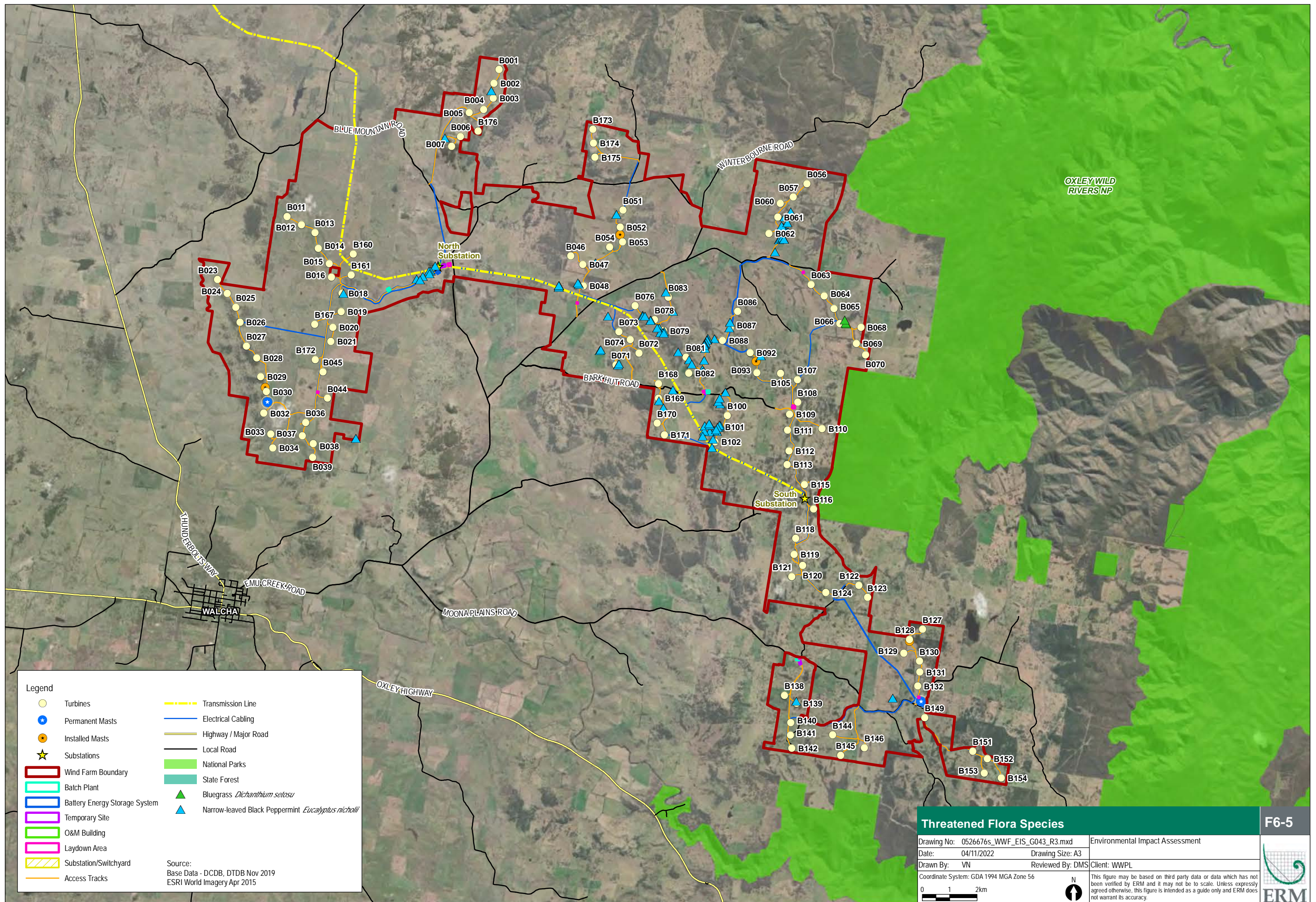
- Turbines
- Transmission Line
- Project Area
- Switchyard
- Access Tracks
- Electrical Cabling
- Existing 330kV Transmission Line
- Existing 66kV Transmission Line
- Highway / Major Road
- Local Road

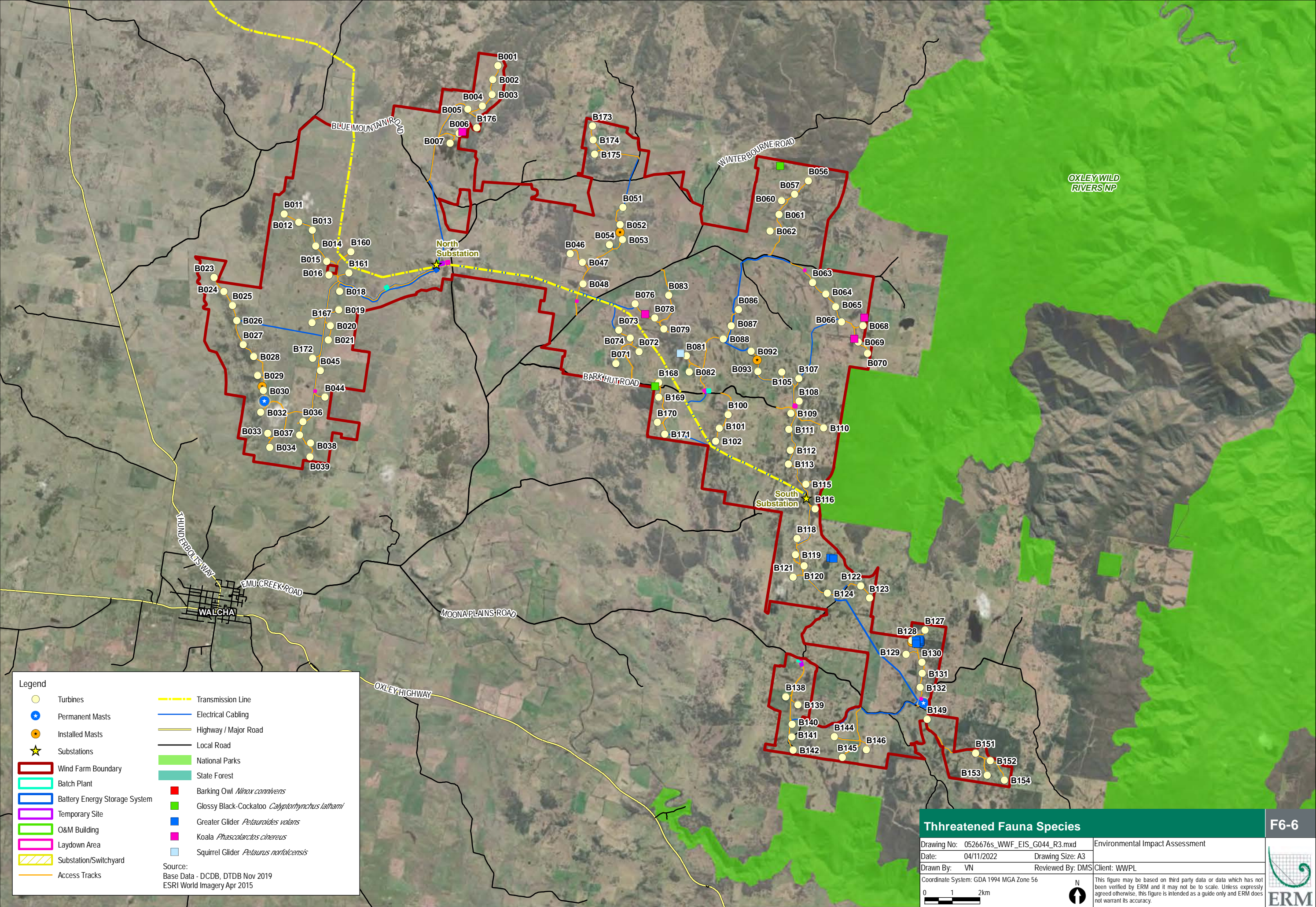
PCT

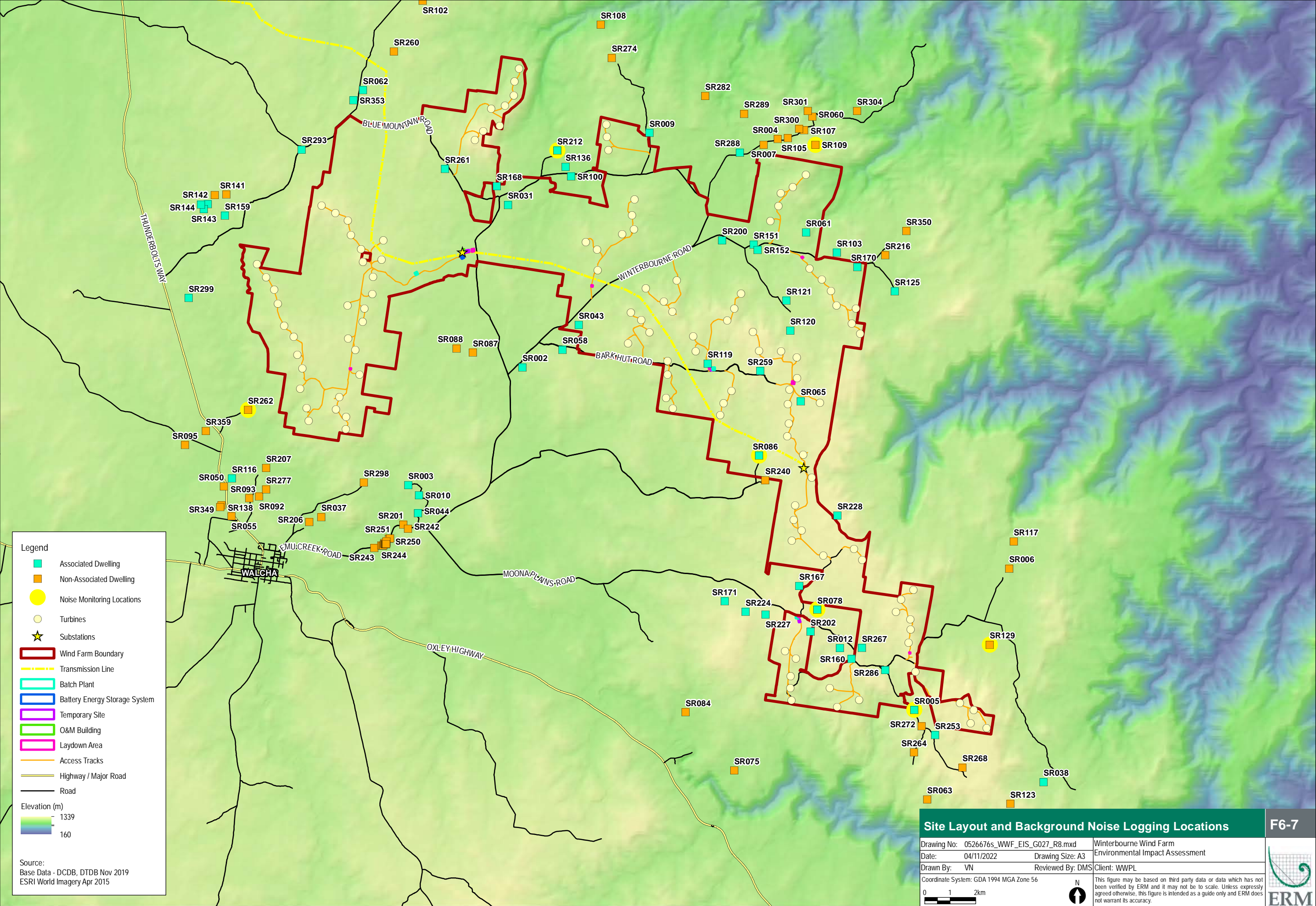
- 510
- 534
- 567
- 1194

Source:
Base Data - DCDB, DTDB Nov 2019
ESRI World Imagery Apr 2015
ESRI World Street Map

Threatened Ecological Communities Map 4		F6-4
Drawing No: 0526676s_WWF_EIS_G040_R4.mxd		
Date: 04/11/2022	Drawing Size: A3	
Drawn By: VN	Reviewed By: DMS	
Client: WWPL		<p>This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.</p>
Coordinate System: GDA 1994 MGA Zone 56		
		







Legend

Associated Dwelling

Non-Associated Dwelling

Noise Monitoring Locations

Turbines

Substations

Wind Farm Boundary

Transmission Line

Batch Plant

Battery Energy Storage System

Temporary Site

O&M Building

Laydown Area

Access Tracks

Highway / Major Road

Road

Elevation (m)

1339

160

Source:

Base Data - DCDB, DTDB Nov 2019

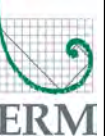
ESRI World Imagery Apr 2015

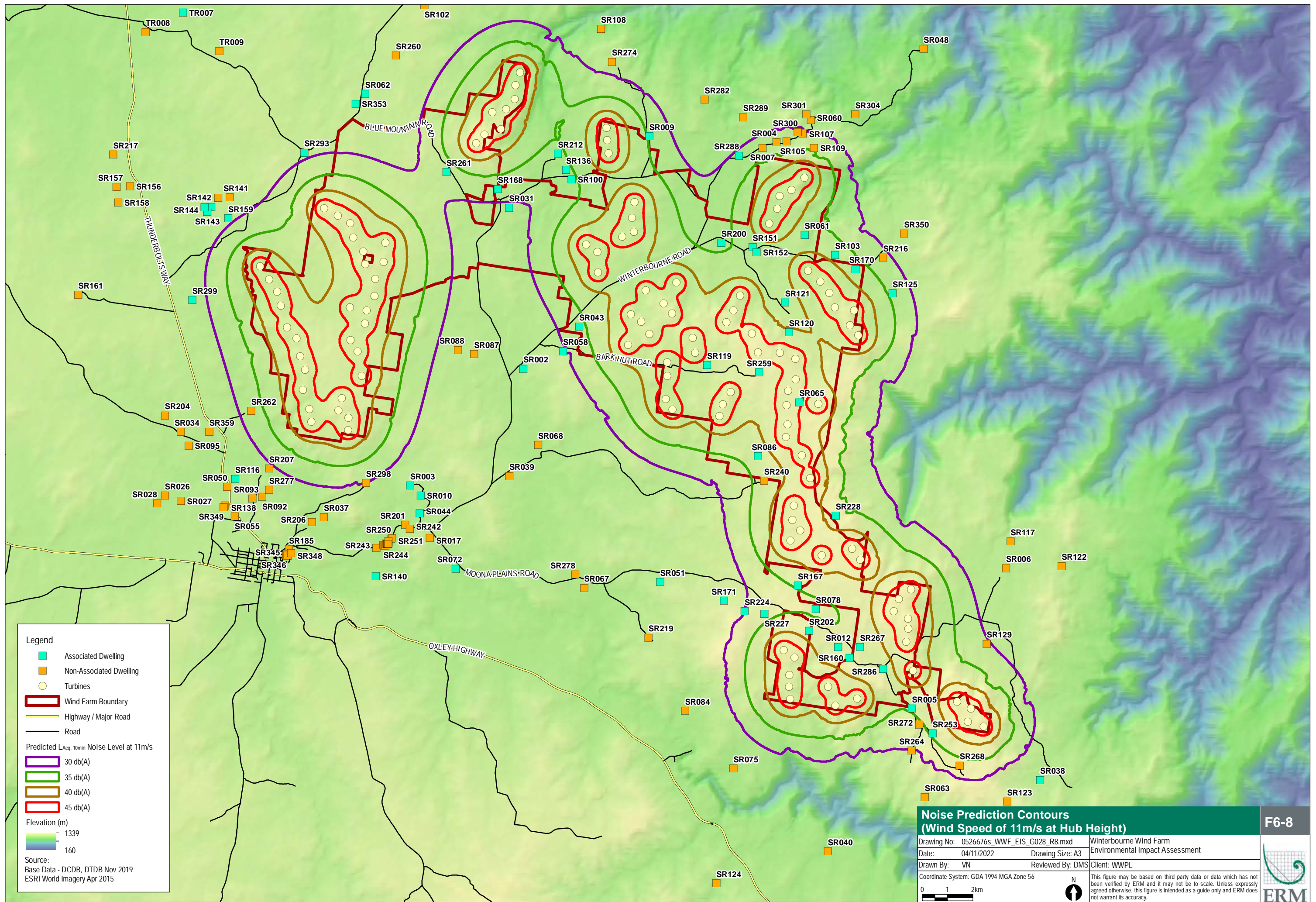
Site Layout and Background Noise Logging Locations

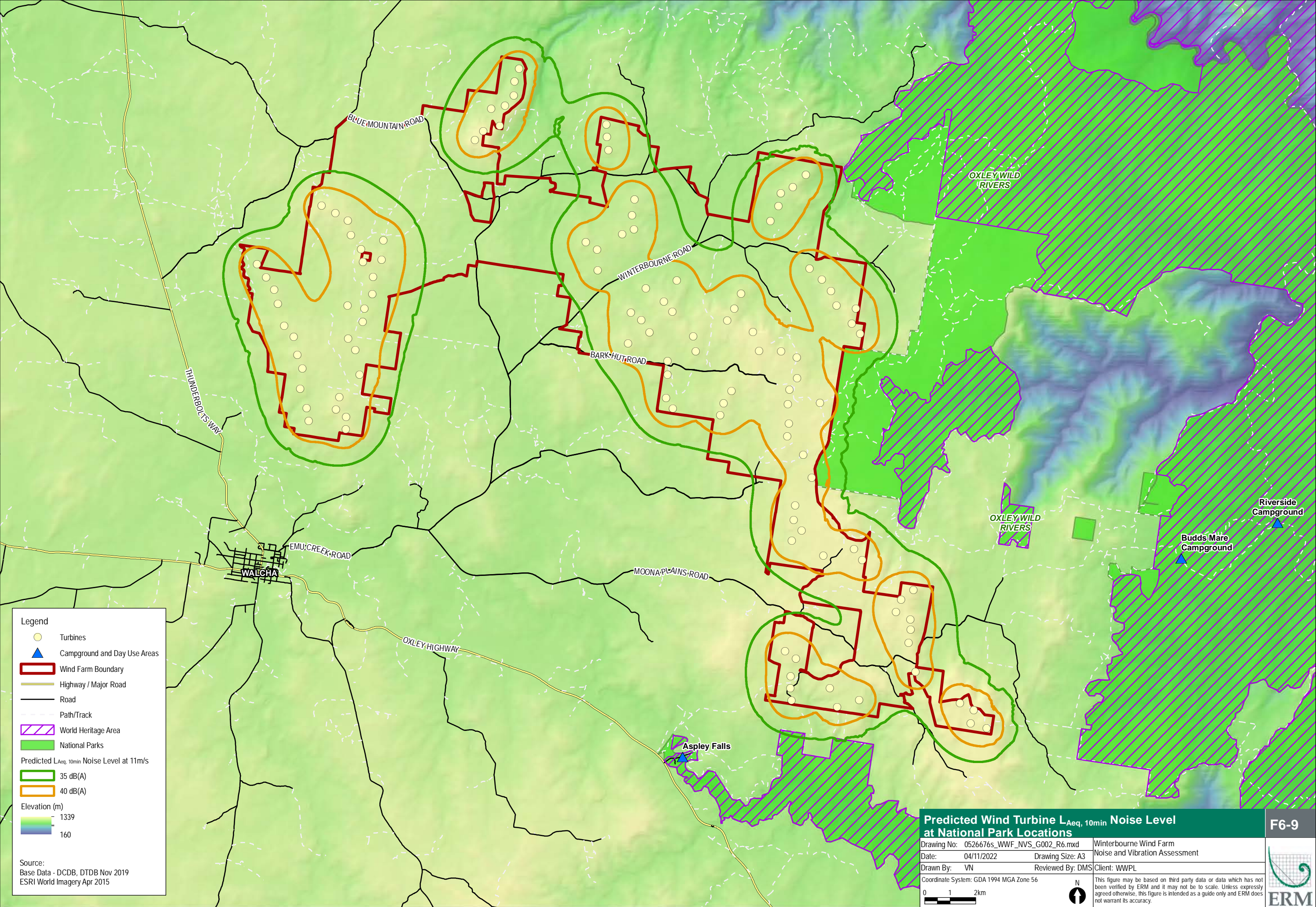
F6-7

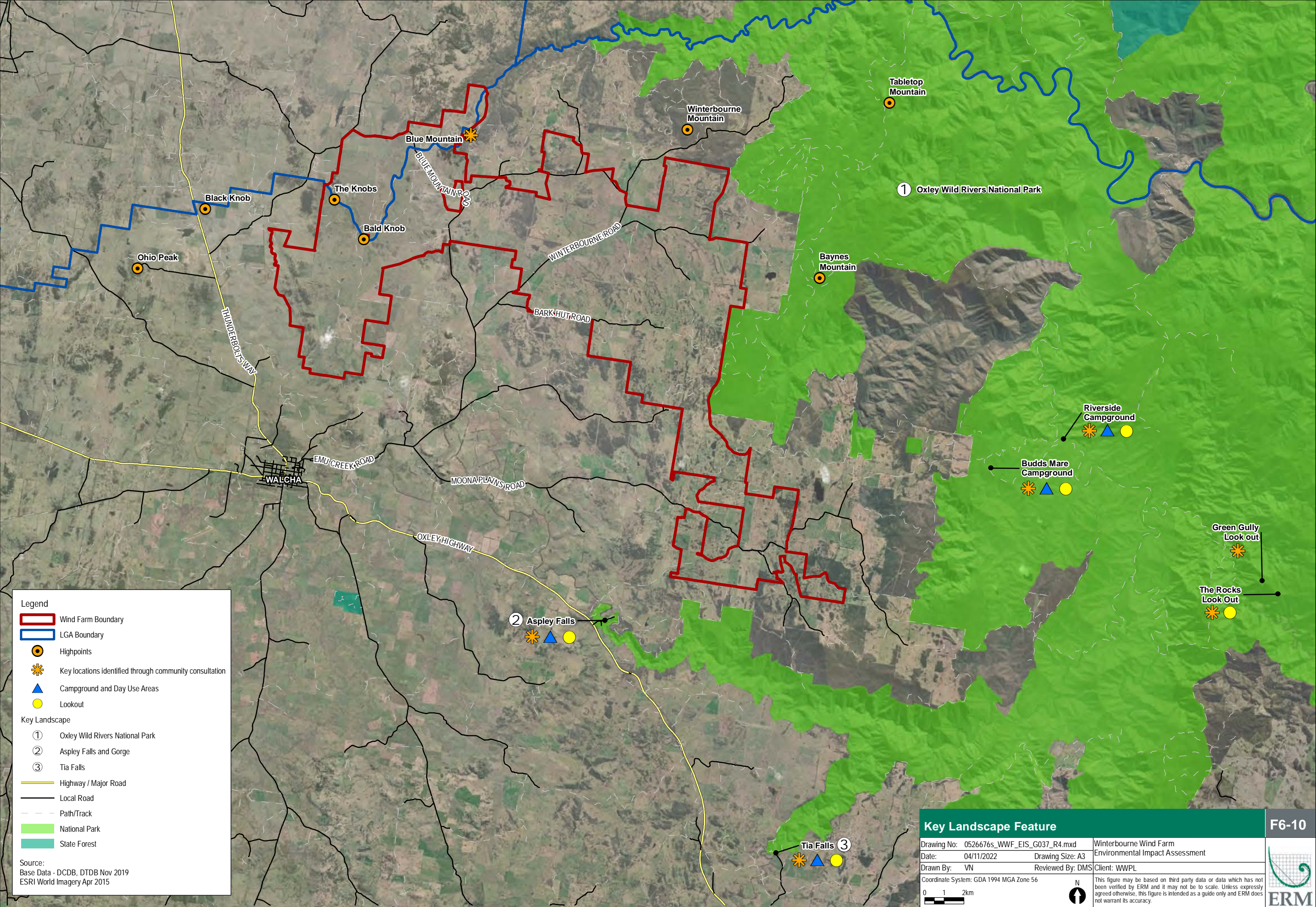
Drawing No:	0526676s_WWF_EIS_G027_R8.mxd	Winterbourne Wind Farm
Date:	04/11/2022	Environmental Impact Assessment
Drawn By:	VN	Client: WWPL
Reviewed By:	DMS	
Coordinate System:	GDA 1994 MGA Zone 56	
012km		

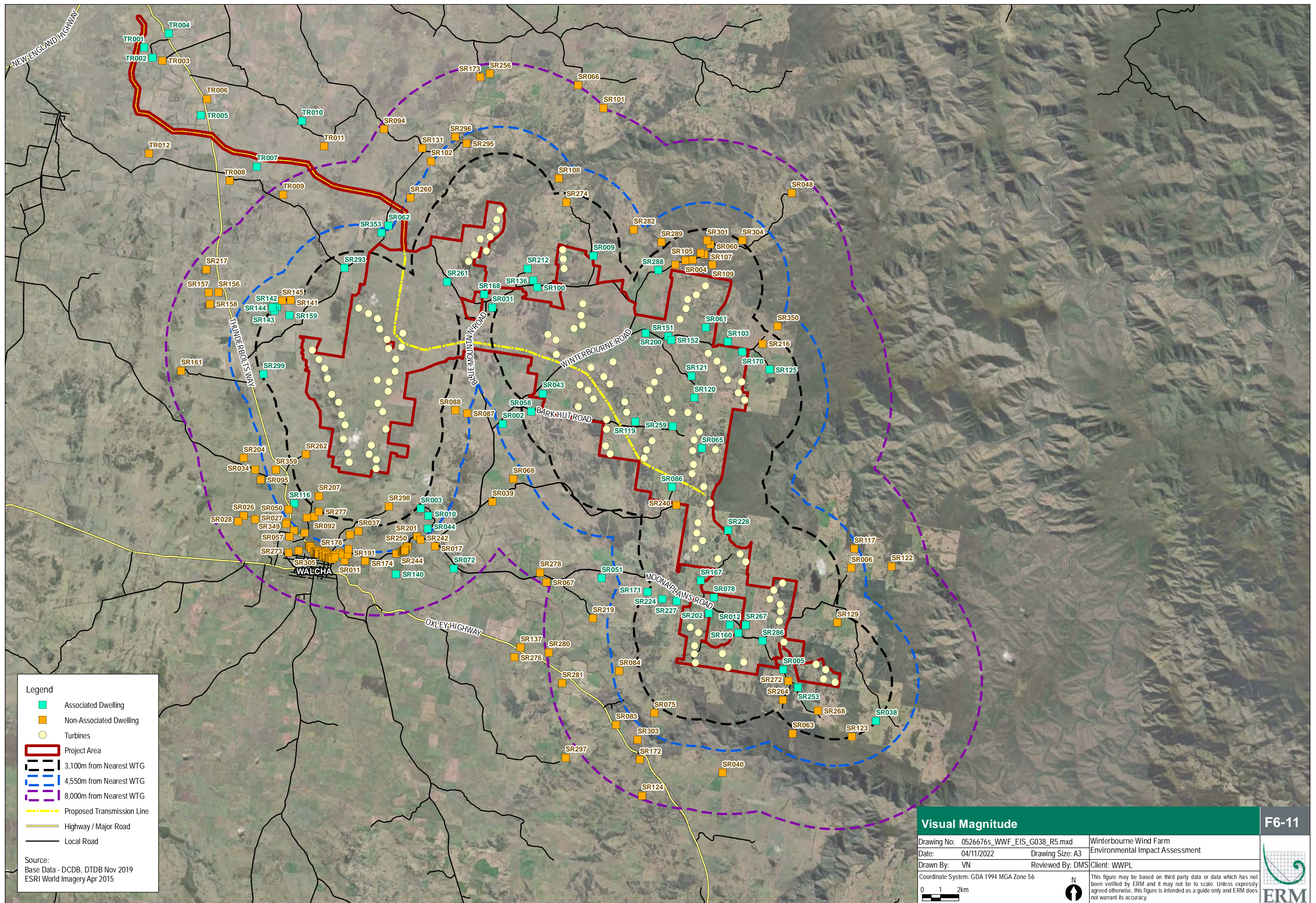
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.








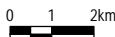





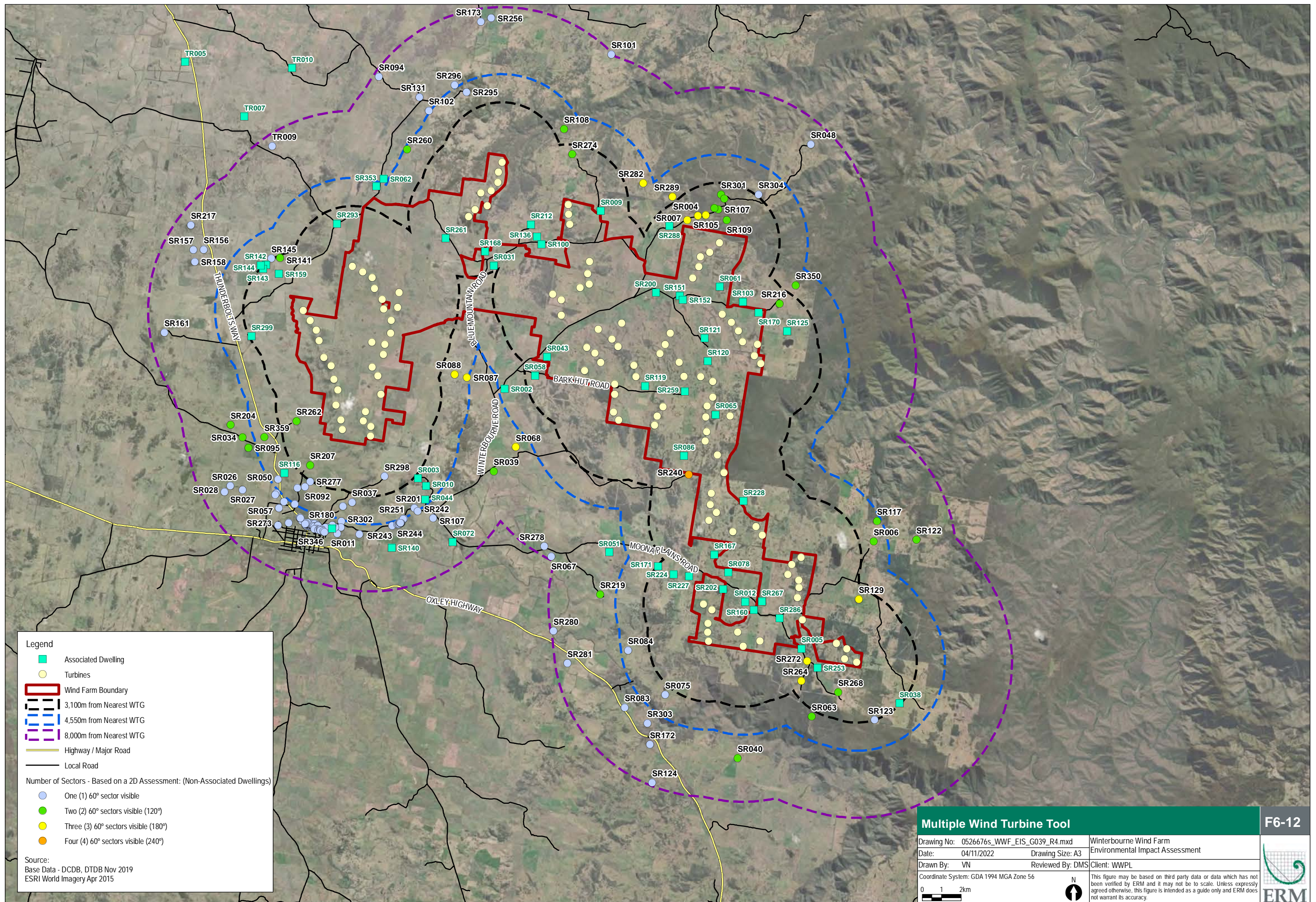
Legend

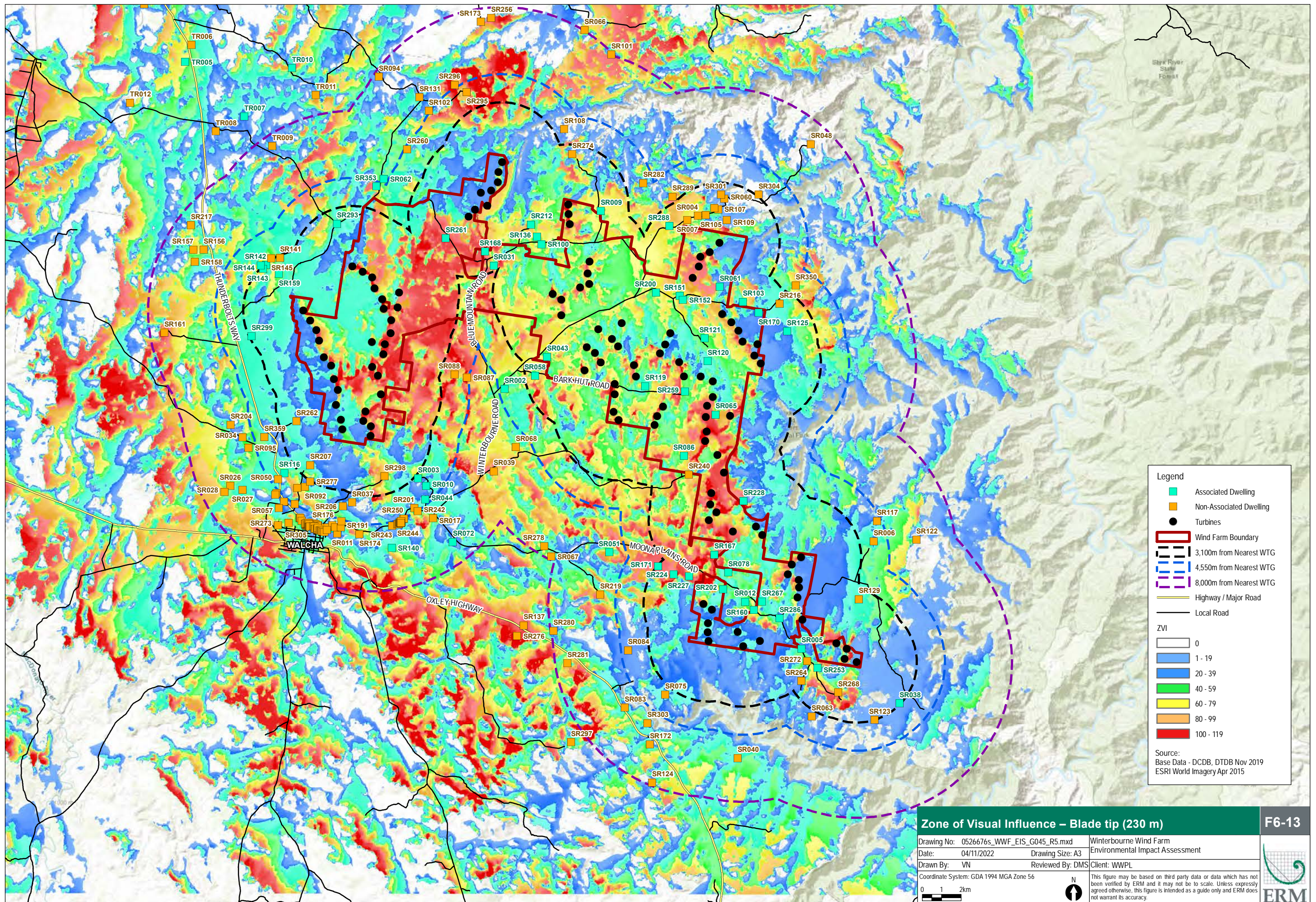
- Associated Dwelling
- Non-Associated Dwelling
- Turbines
- Project Area
- 3,100m from Nearest WTG
- 4,550m from Nearest WTG
- 8,000m from Nearest WTG
- Proposed Transmission Line
- Highway / Major Road
- Local Road

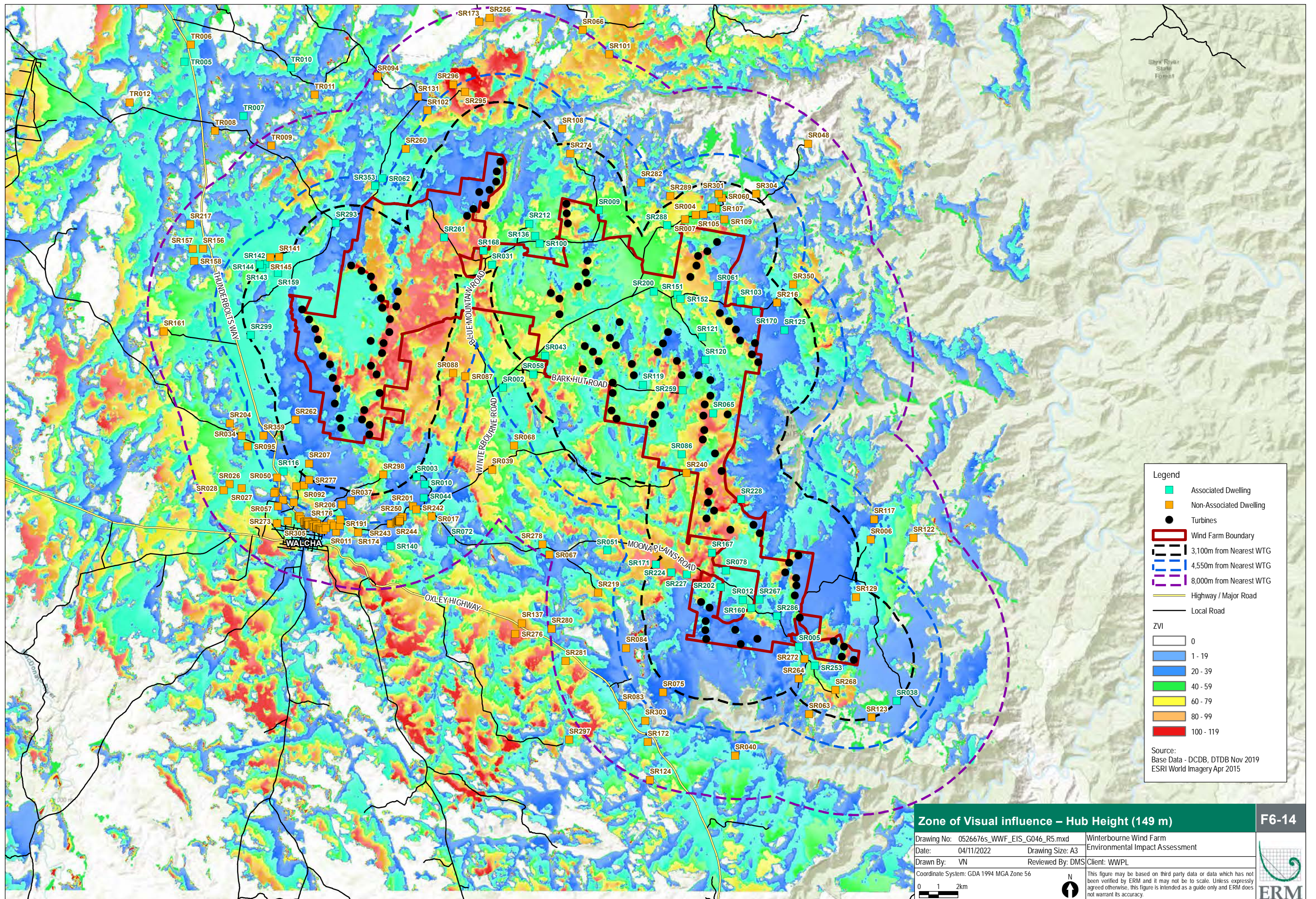
Source:
Base Data - DCDB, DTDB Nov 2019
ESRI World Imagery Apr 2015

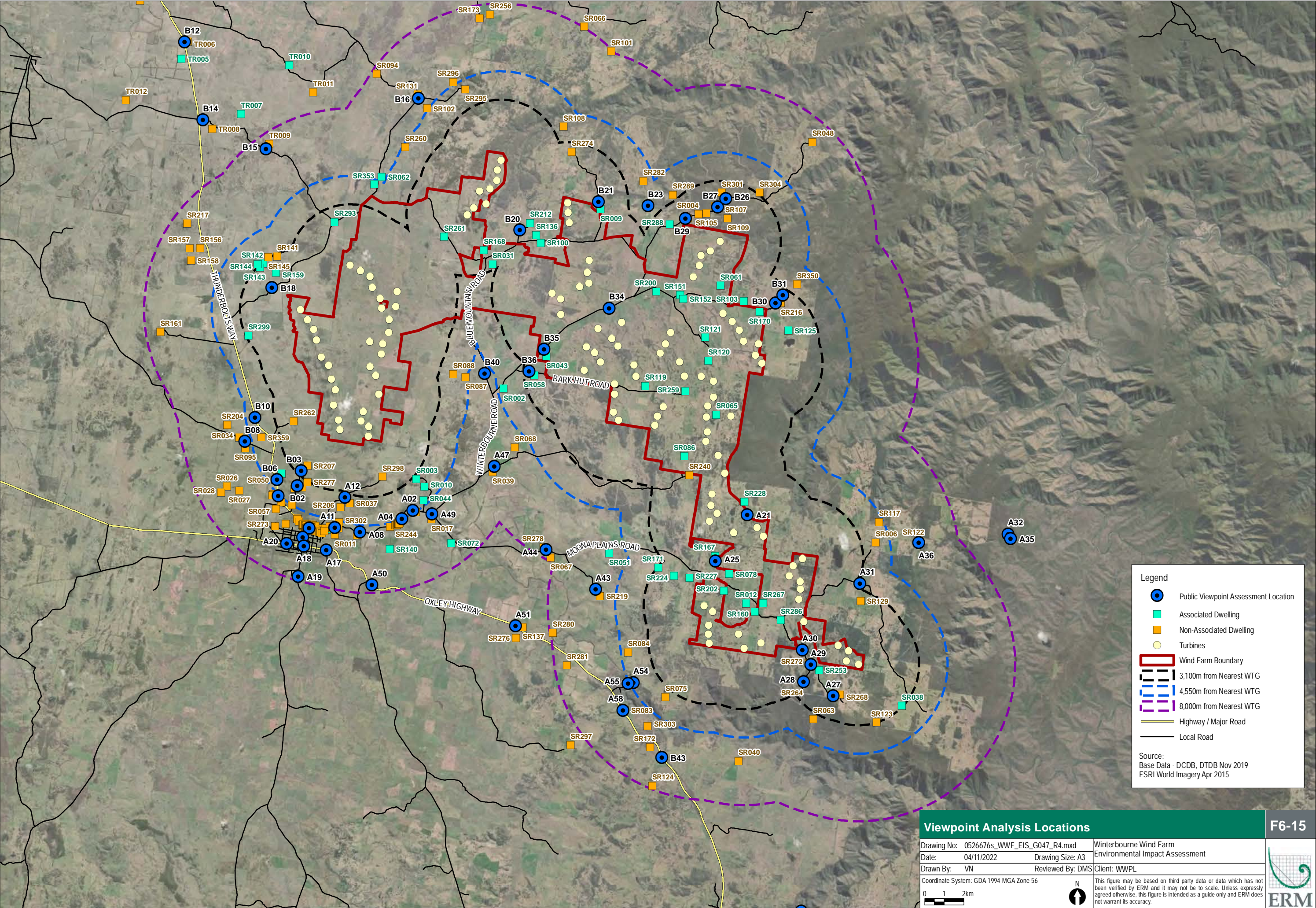
Visual Magnitude		F6-11
Drawing No: 0526676s_WWF_EIS_G038_R5.mxd	Winterbourne Wind Farm	
Date: 04/11/2022	Drawing Size: A3	Environmental Impact Assessment
Drawn By: VN	Reviewed By: DMS	Client: WWPL
Coordinate System: GDA 1994 MGA Zone 56		
0 1 2km		 This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.
		

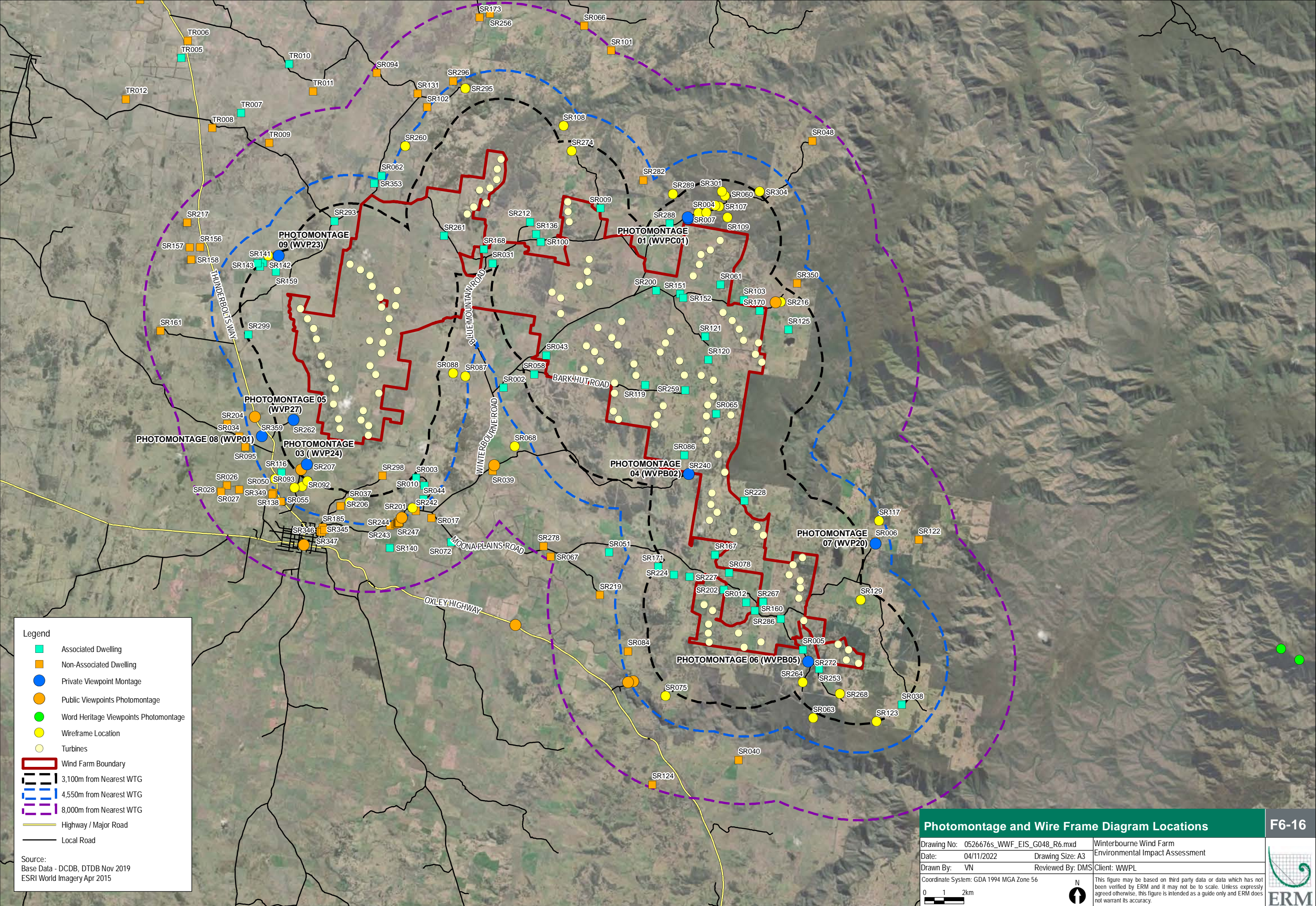


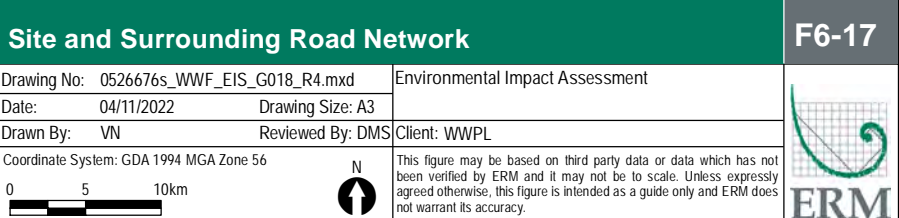


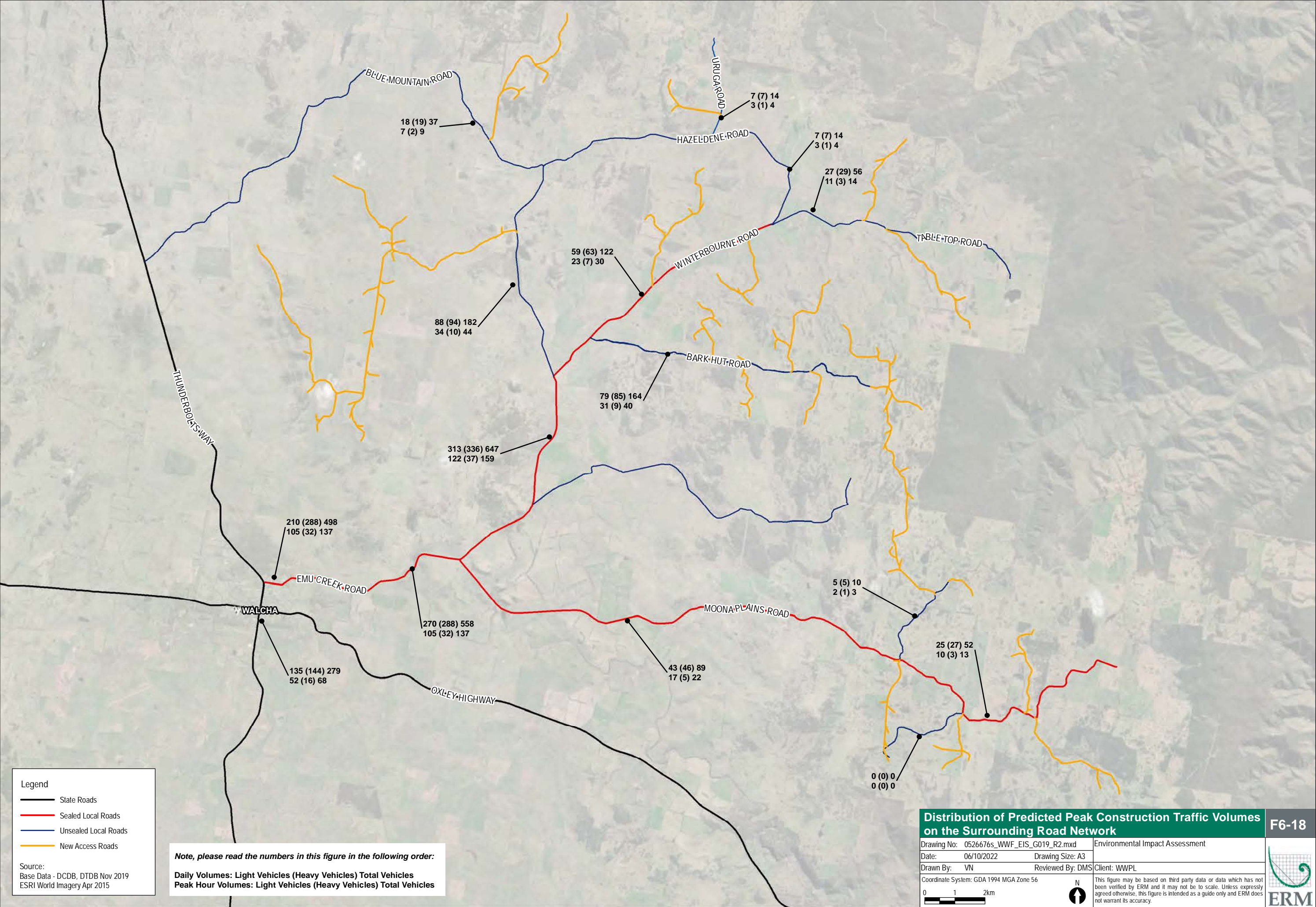


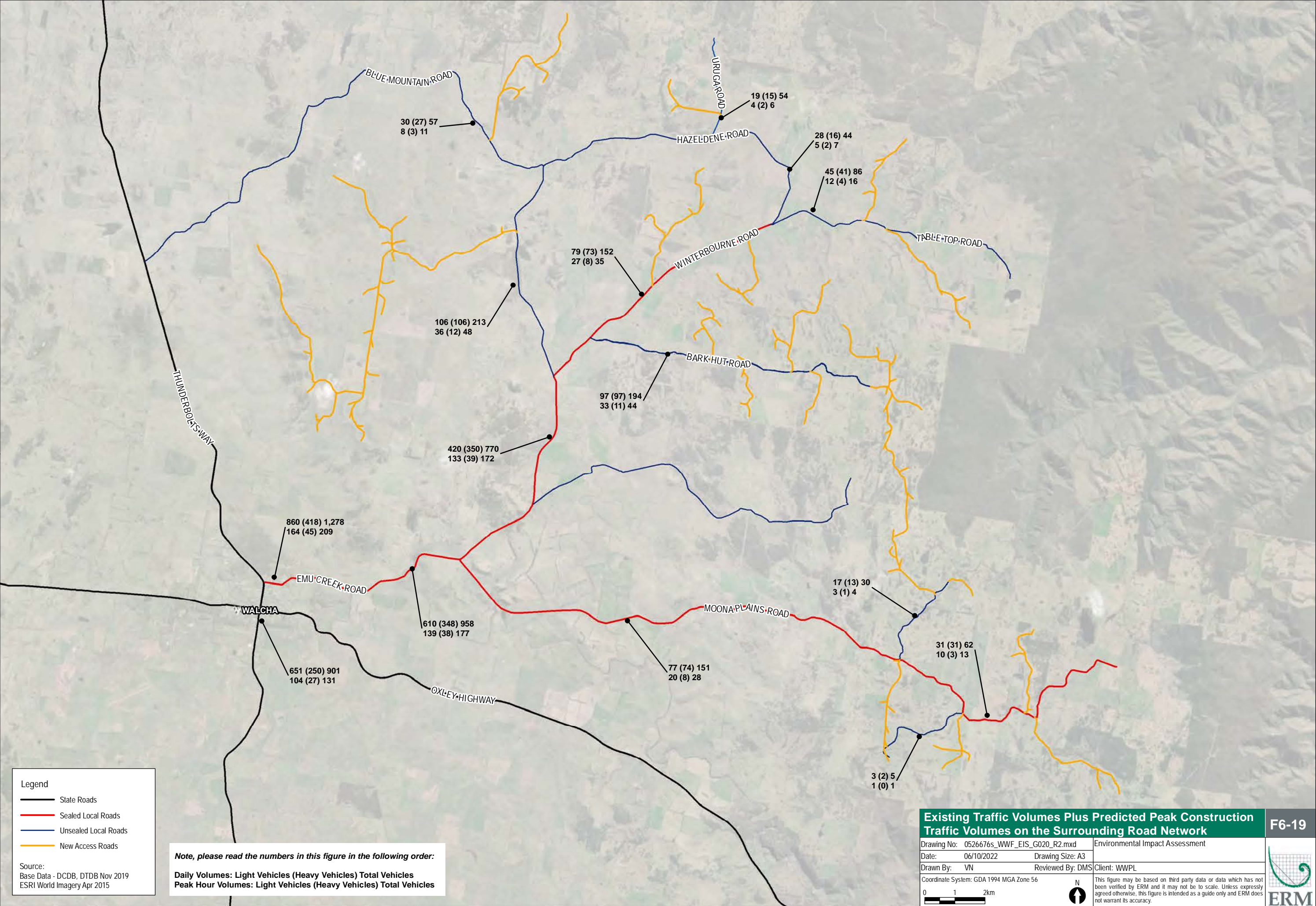


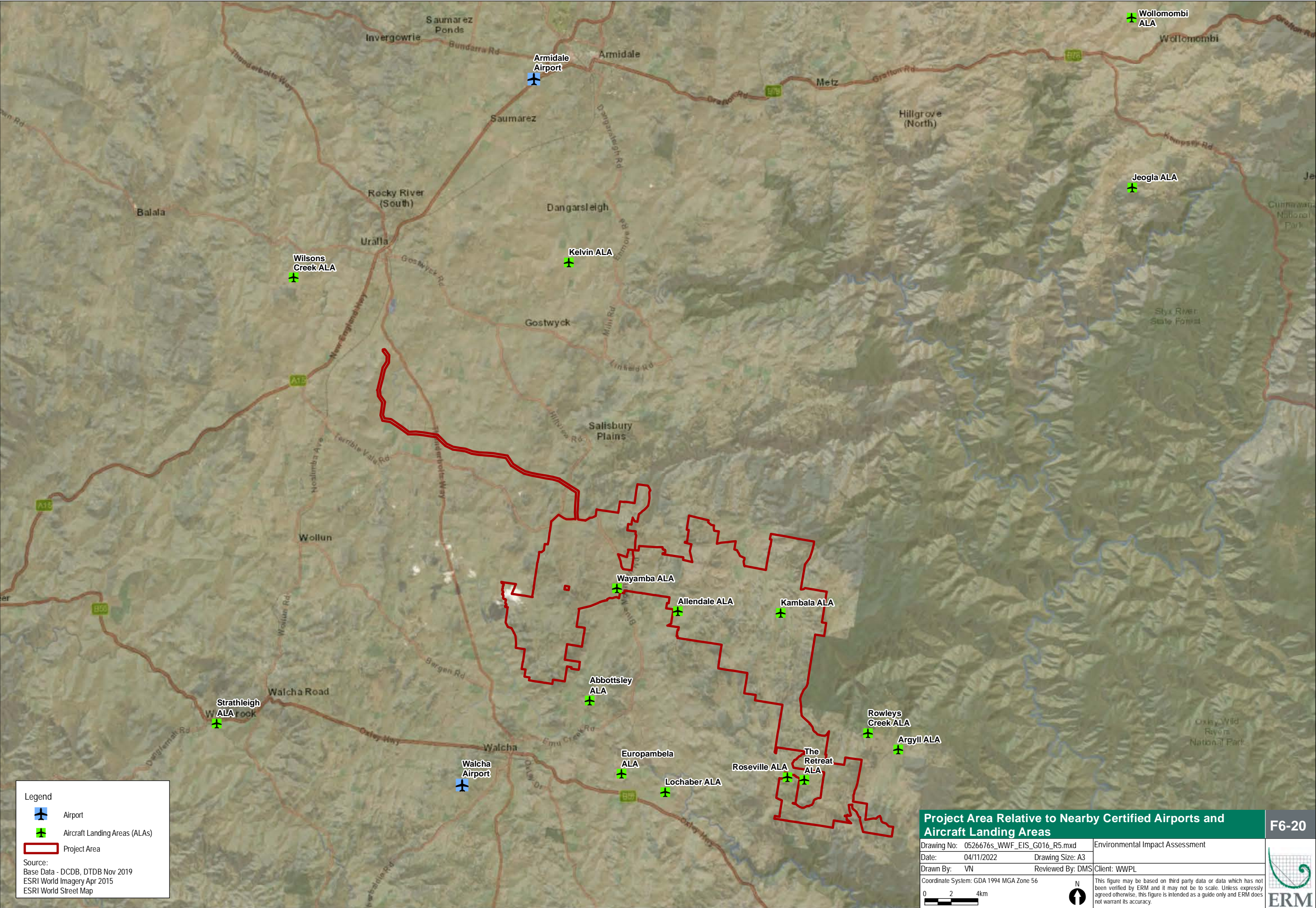


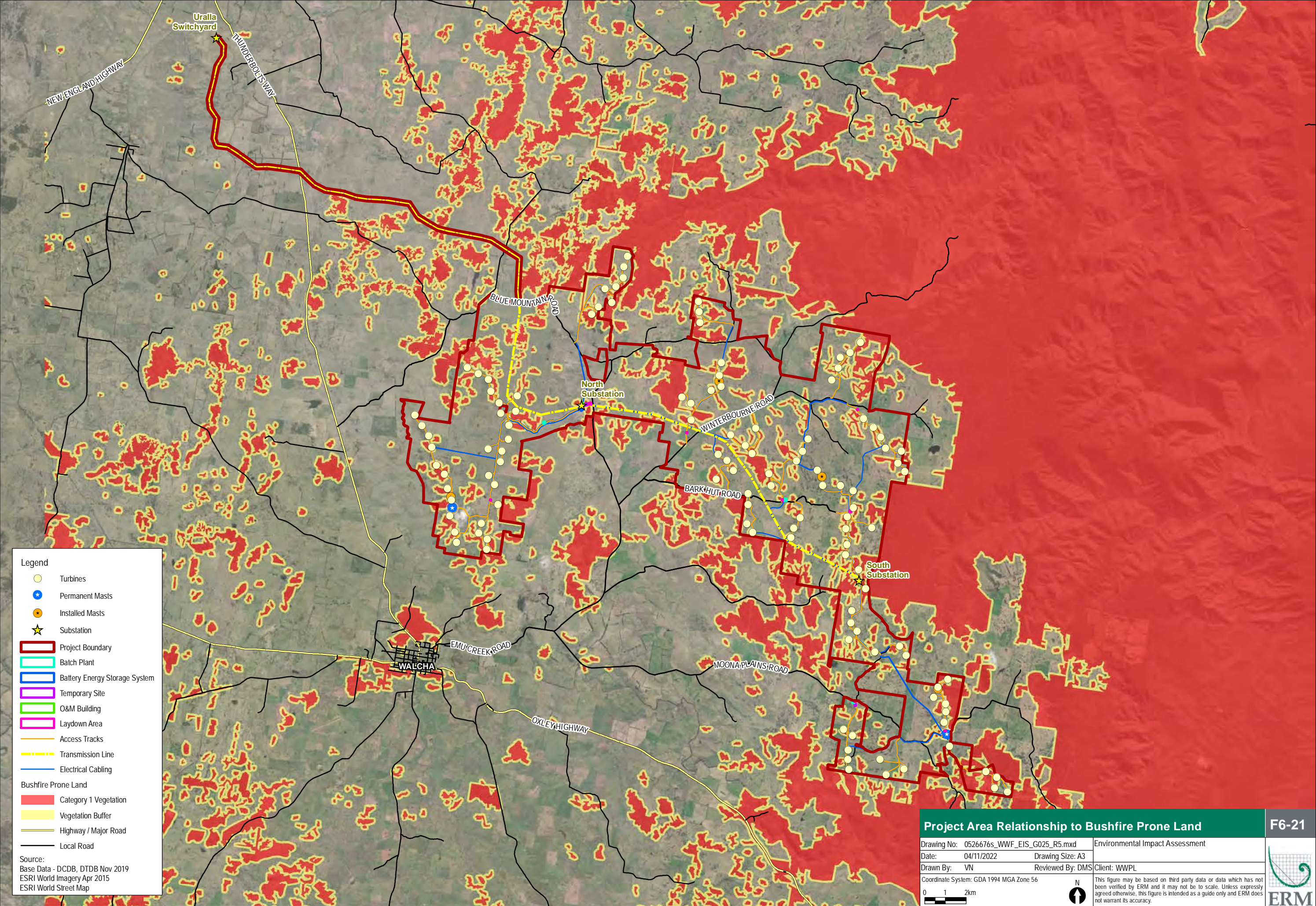


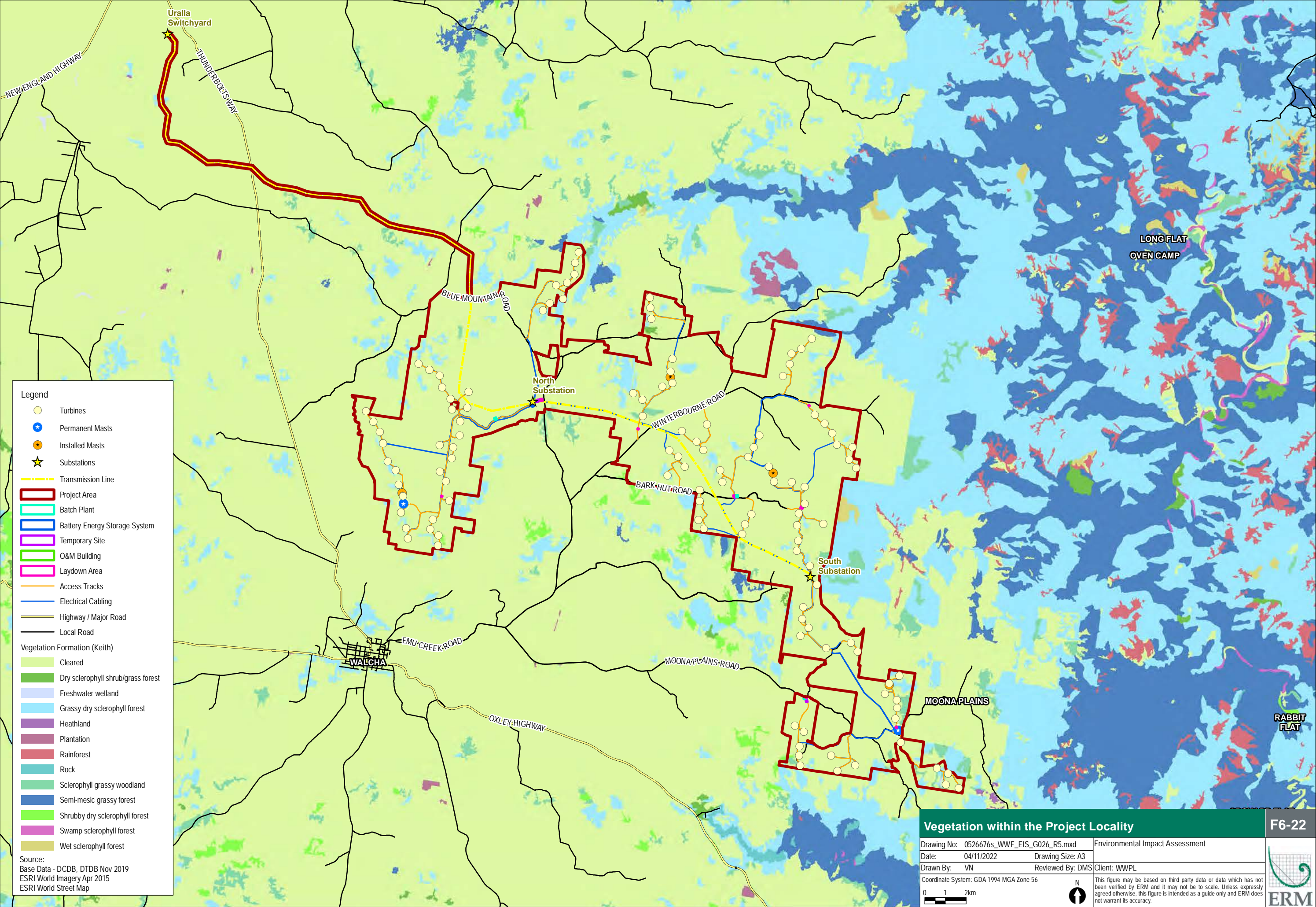


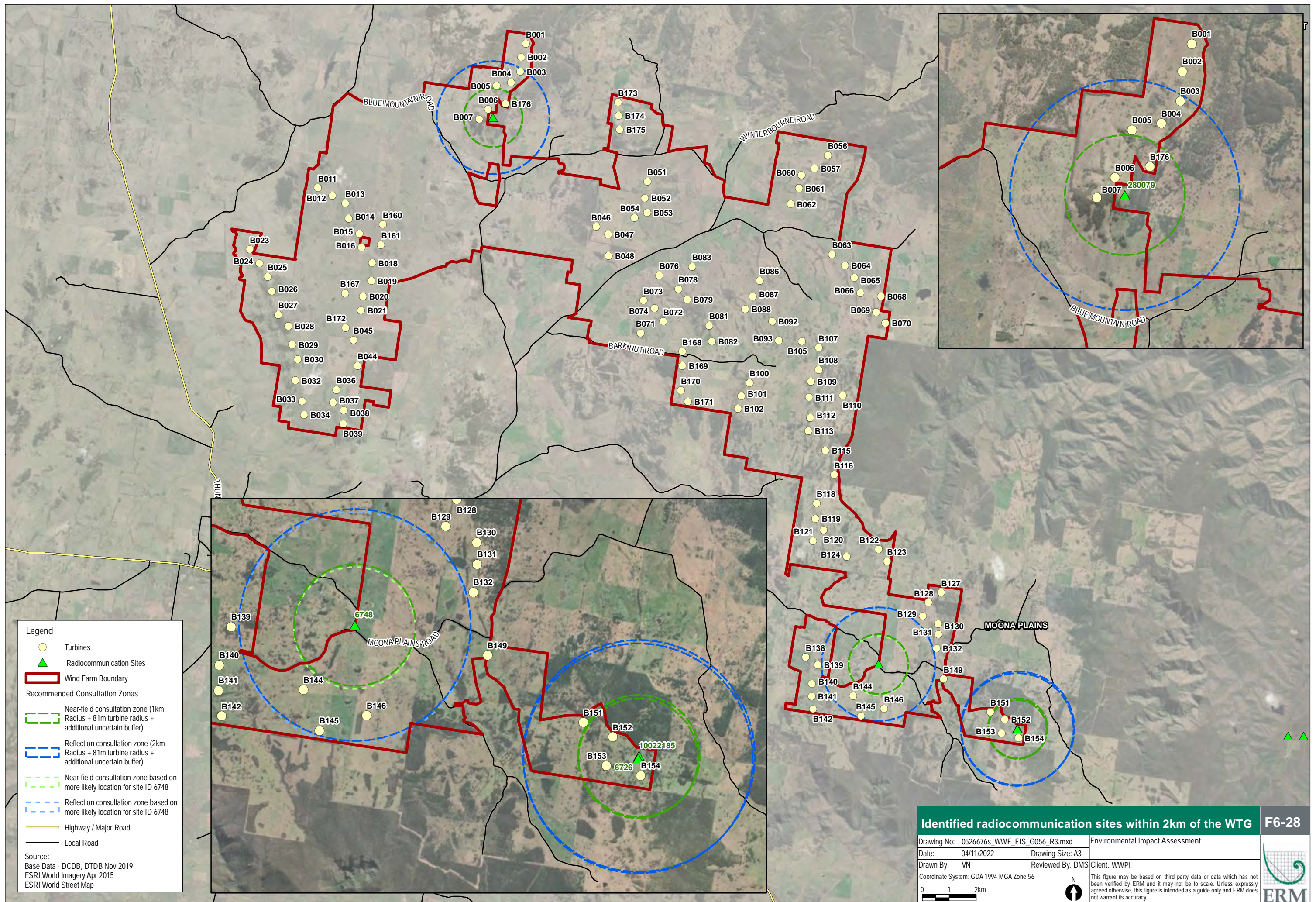


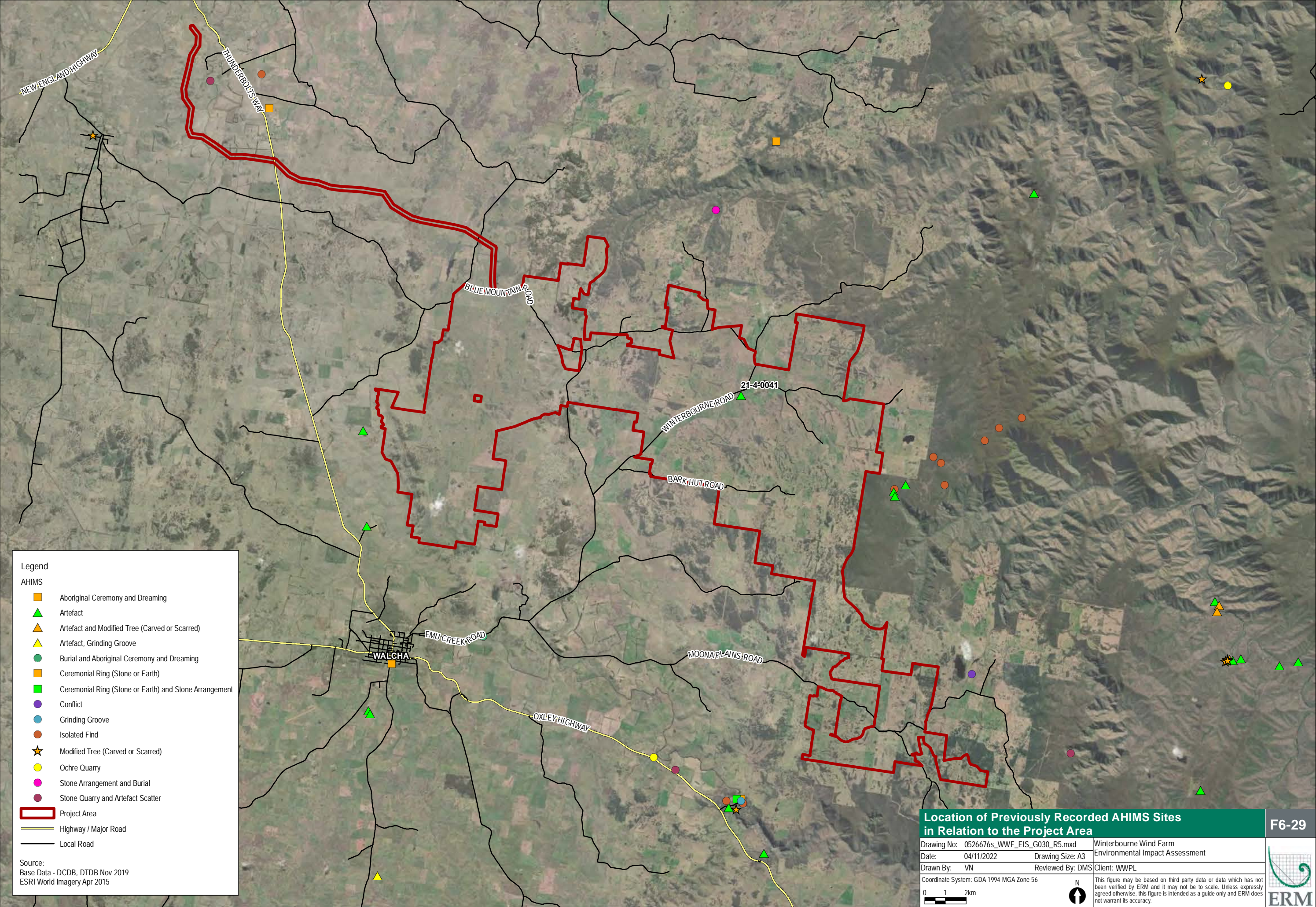














Legend

Artefact Scatter

Probable location of site 21-4-0041

Survey Boundary

Access Tracks

Local Road

Source:

Base Data - DCDB, DTDB Nov 2019

Imagery April 2021

Probable Location of AHIMS Site 21-4-0041

Drawing No: 0526676s_WWF_EIS_G031_R4.mxd

Date: 06/10/2022

Drawn By: VN

Coordinate System: GDA 1994 MGA Zone 56

Winterbourne Wind Farm

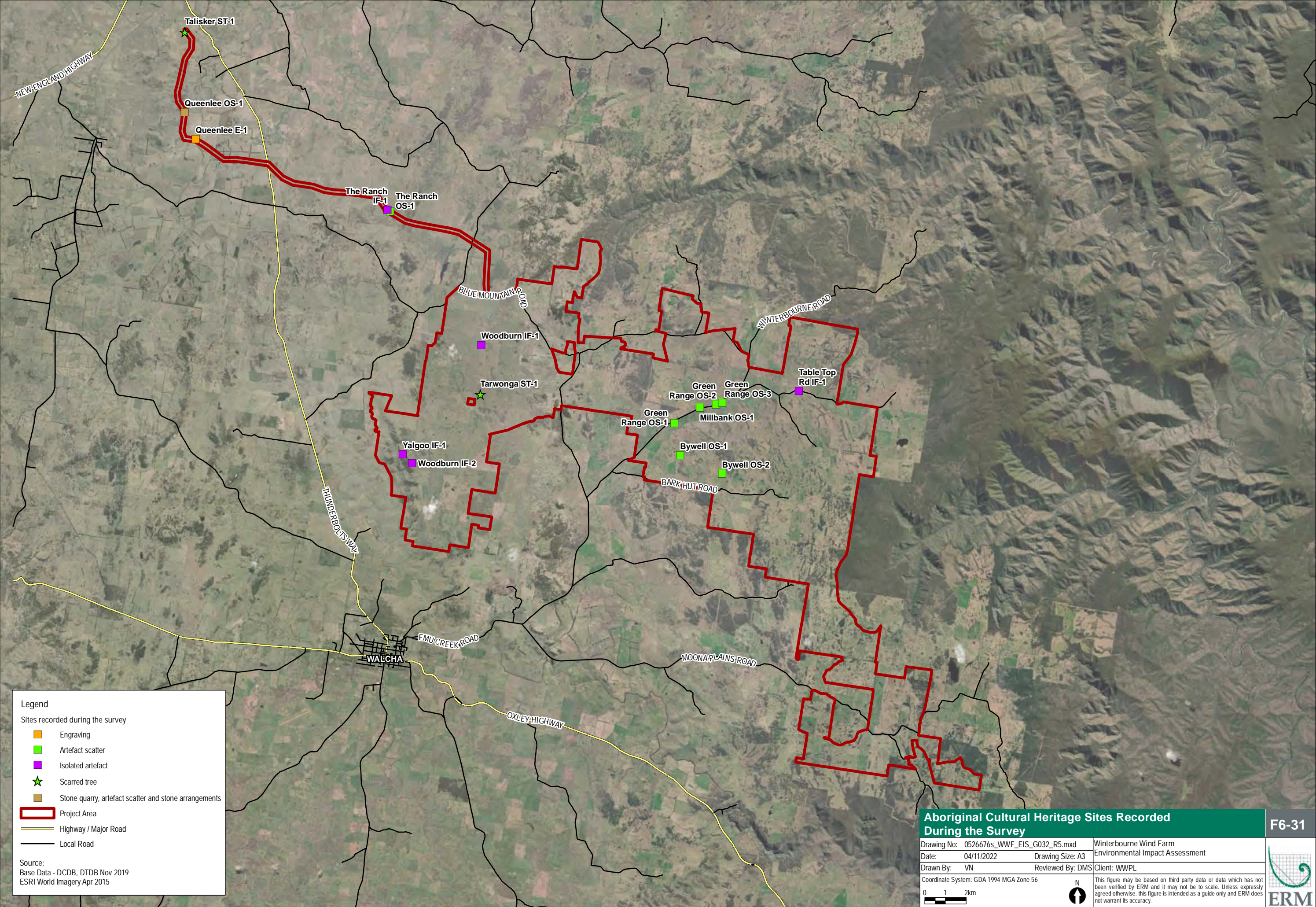
Environmental Impact Assessment

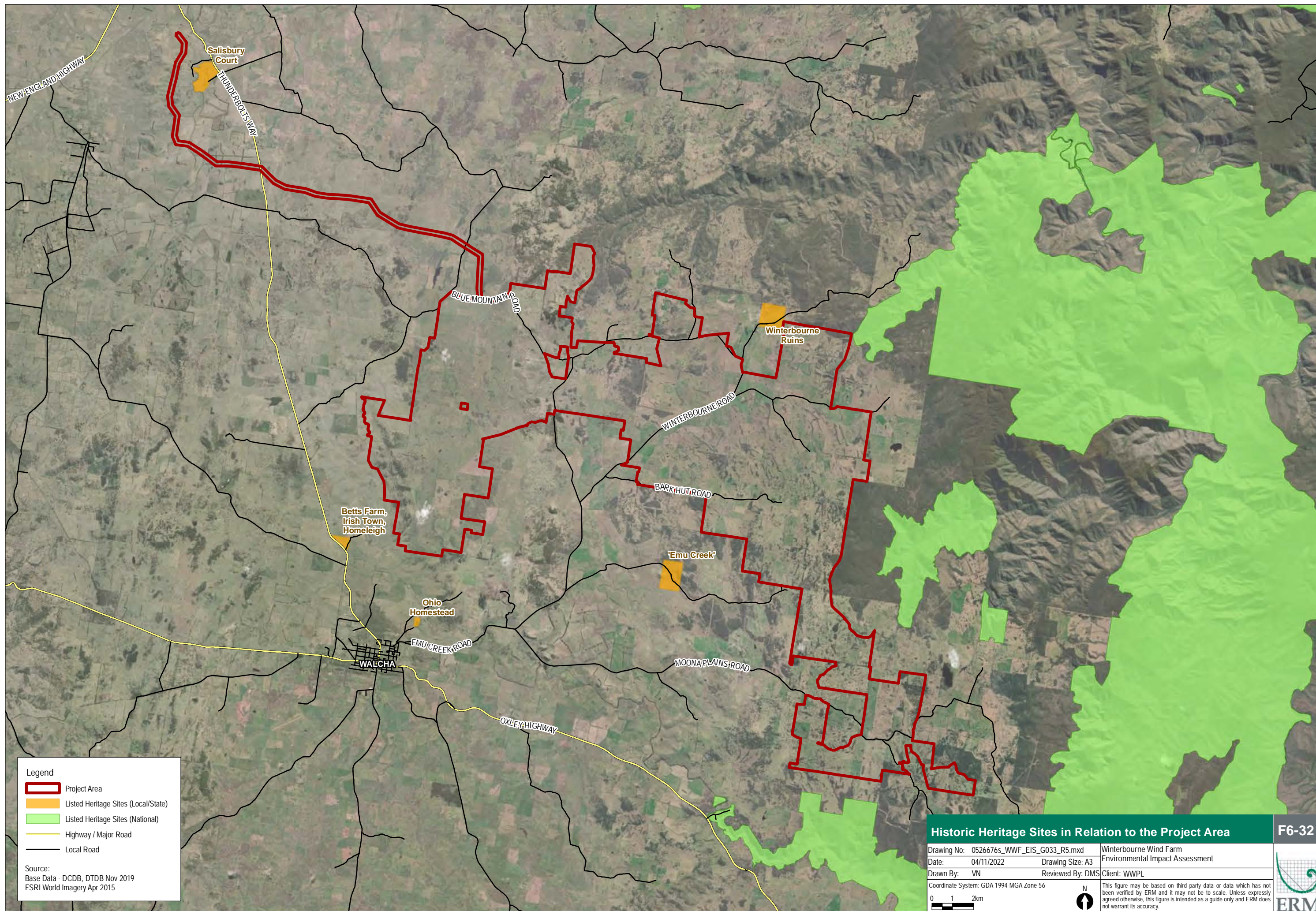
Reviewed By: DMS

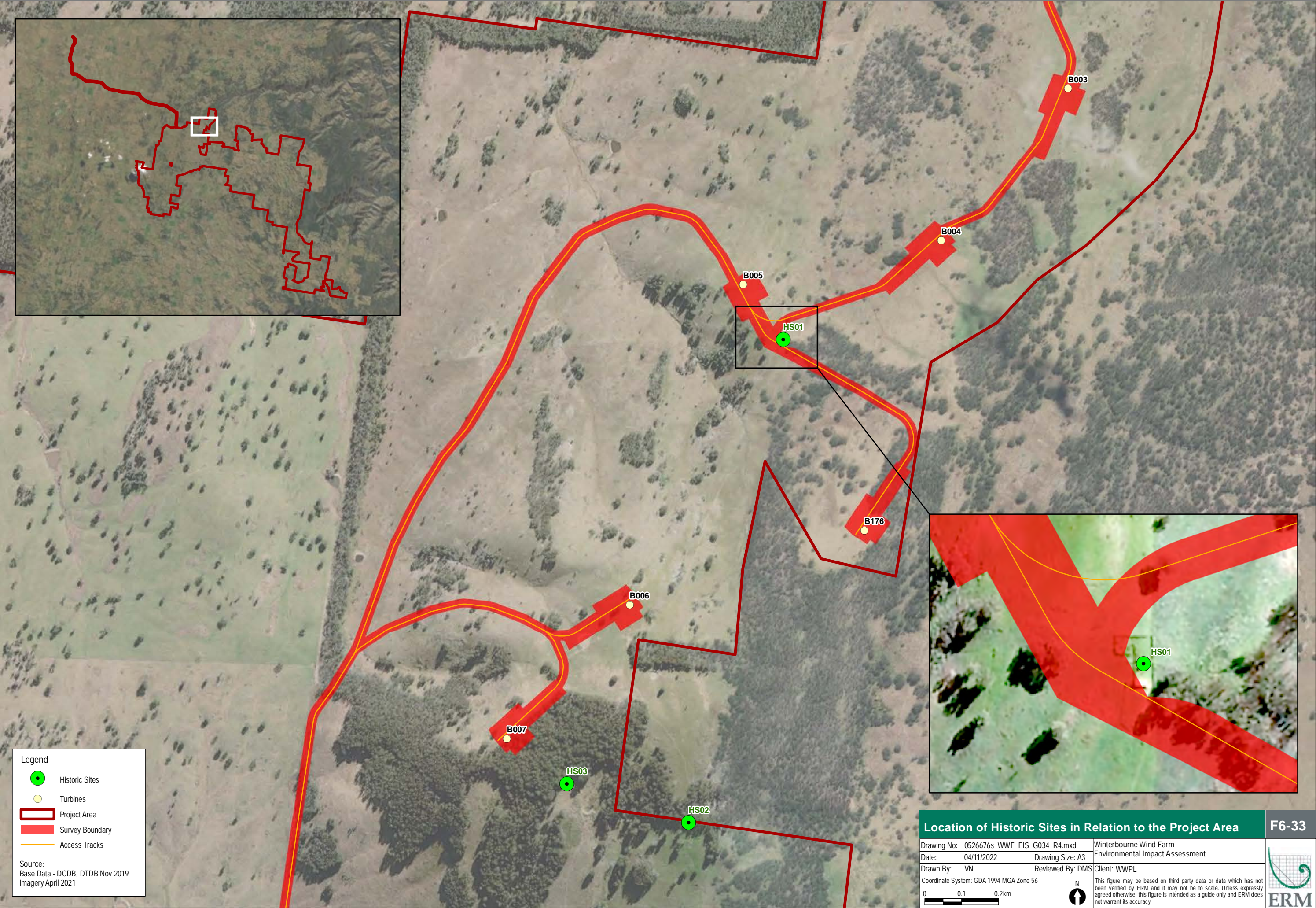
Client: WWPL

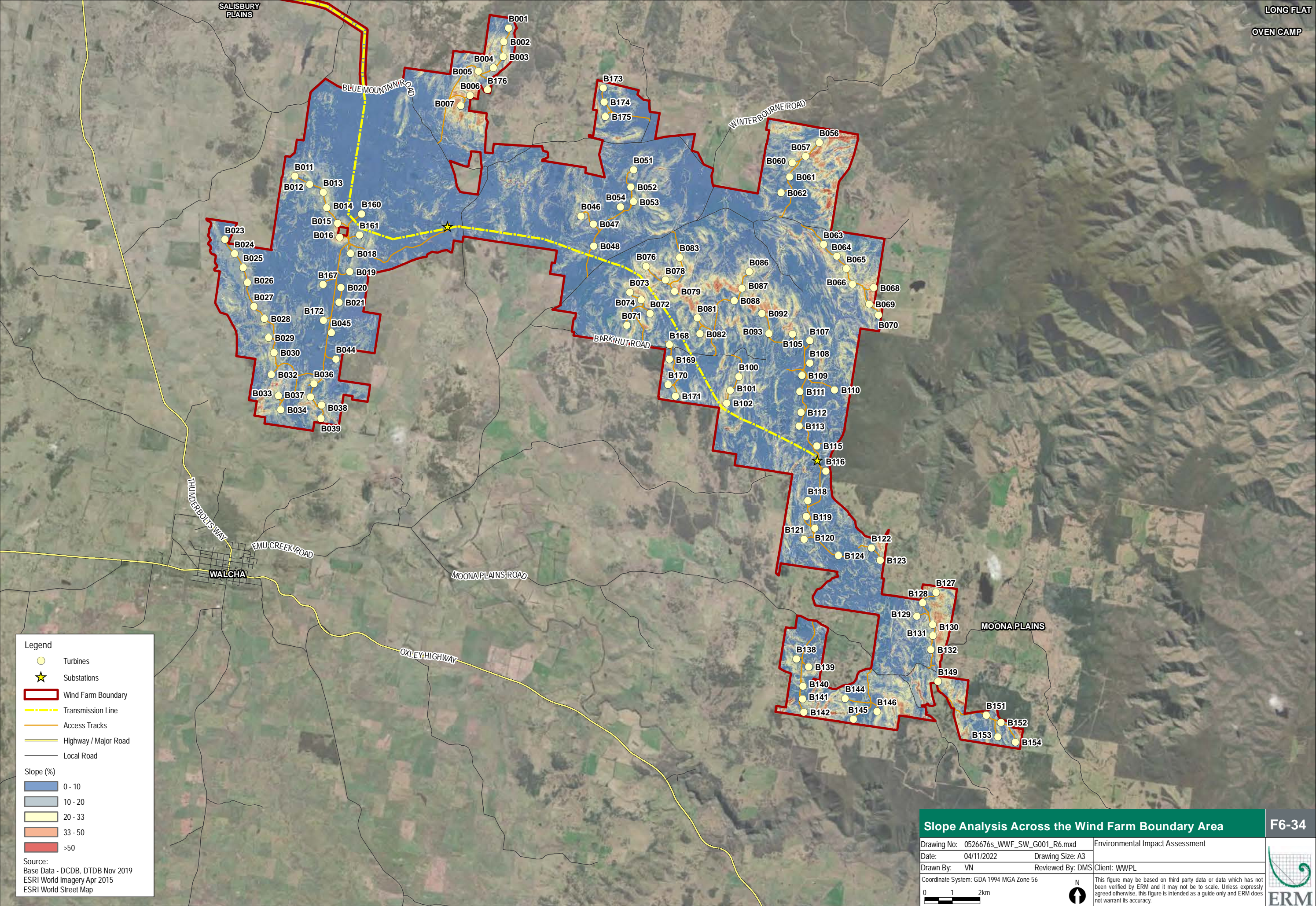
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.

F6-30









Legend

Turbines

Substations

Wind Farm Boundary

Transmission Line

Access Tracks

Highway / Major Road

Local Road

Slope (%)

0 - 10

10 - 20

20 - 33

33 - 50

>50

Source:

Base Data - DCDB, DTDB Nov 2019

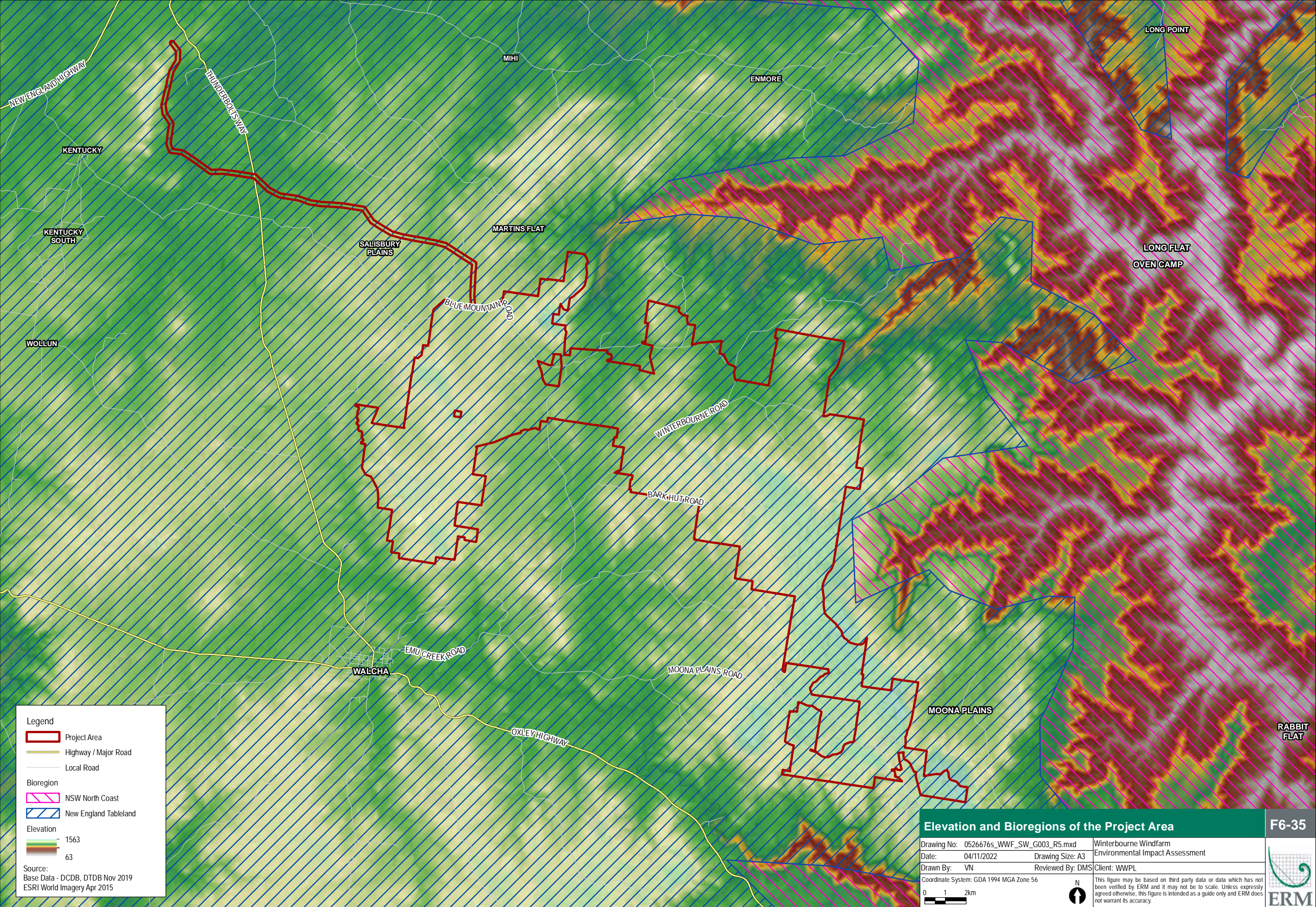
ESRI World Imagery Apr 2015

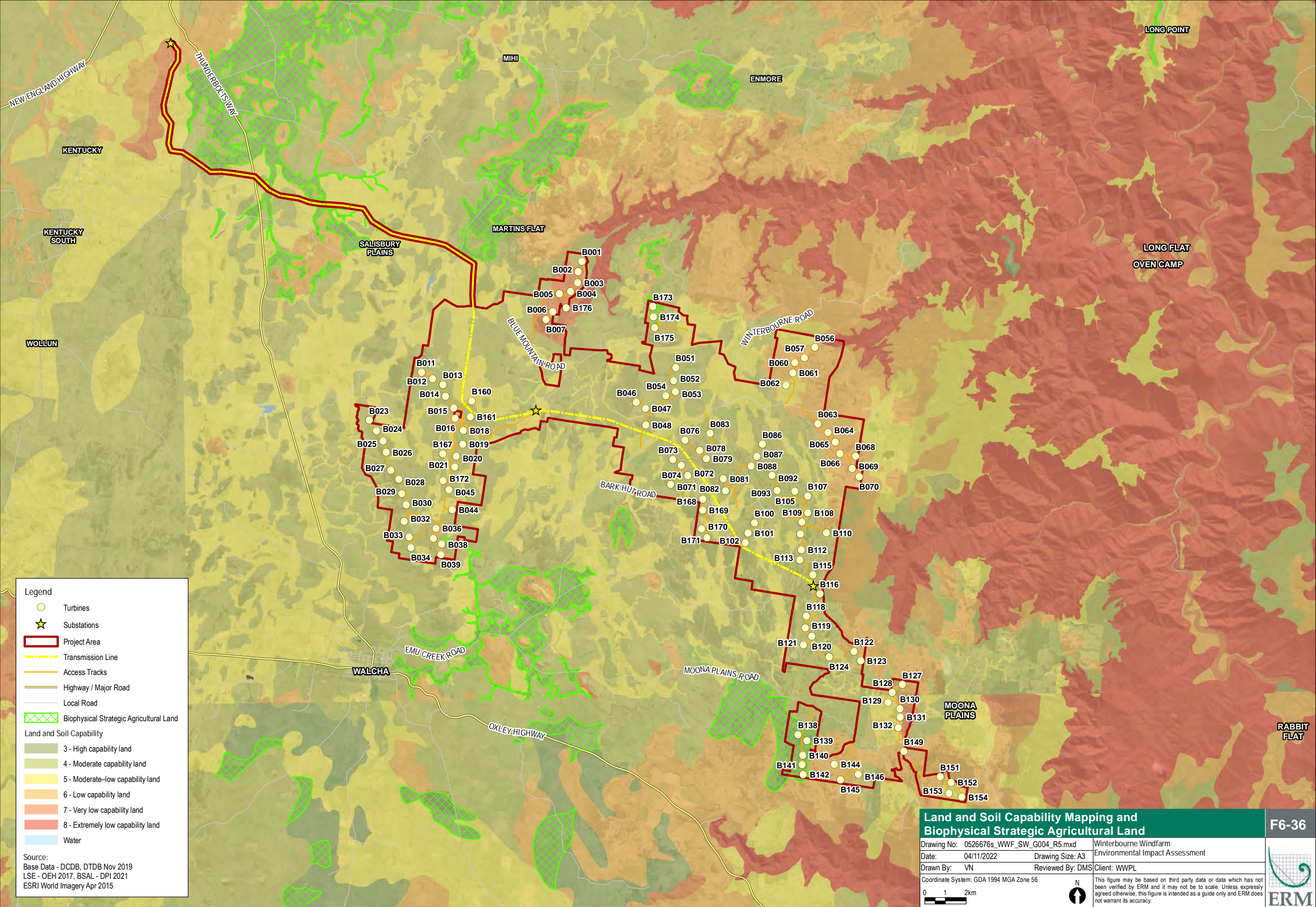
ESRI World Street Map

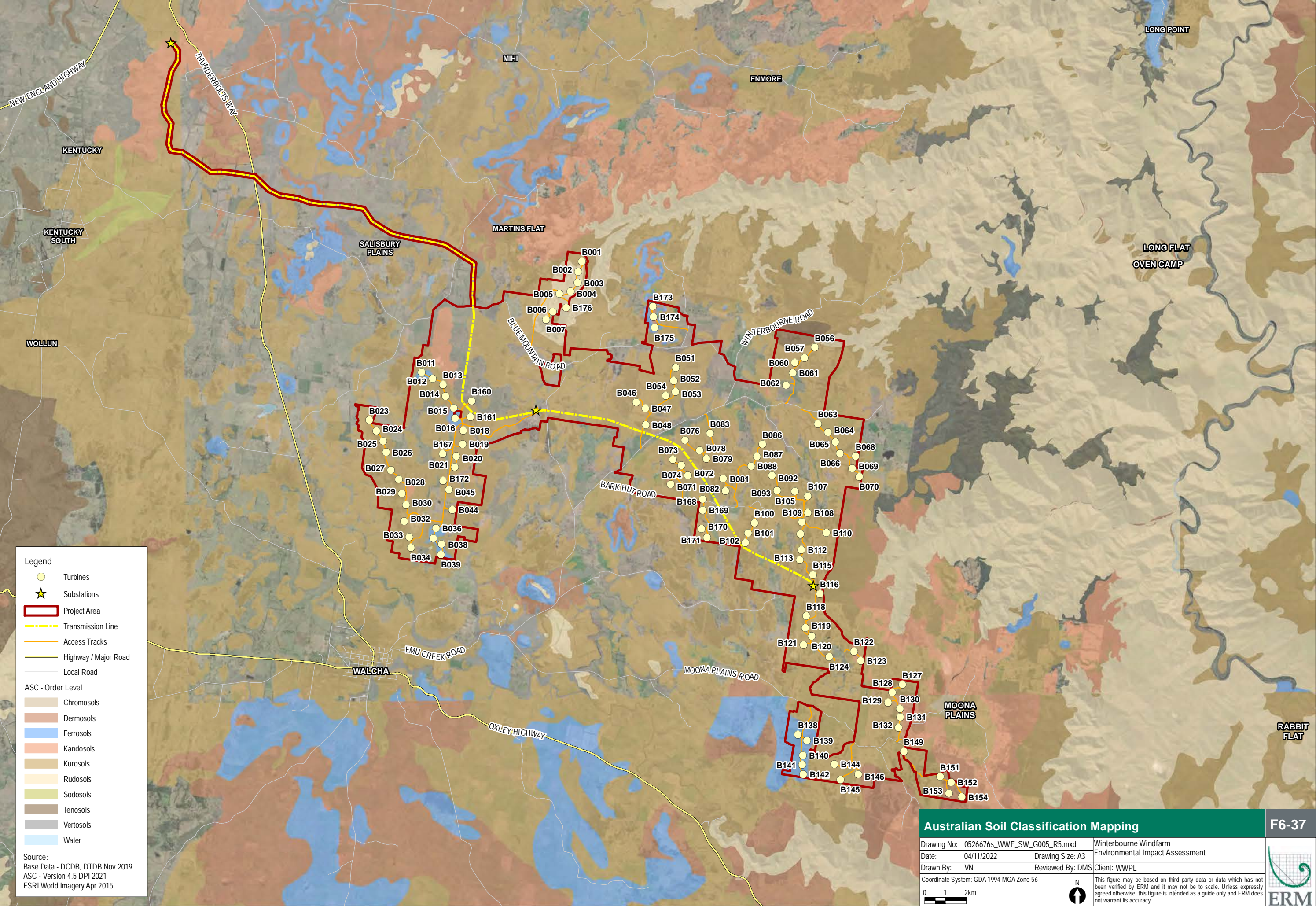
Slope Analysis Across the Wind Farm Boundary Area

F6-34

Drawing No: 0526676s_WWF_SW_G001_R6.mxd		Environmental Impact Assessment
Date: 04/11/2022	Drawing Size: A3	
Drawn By: VN	Reviewed By: DMS	Client: WWPL
Coordinate System: GDA 1994 MGA Zone 56		
0 1 2km		<div><div>N</div><div></div></div>
This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.		







Legend

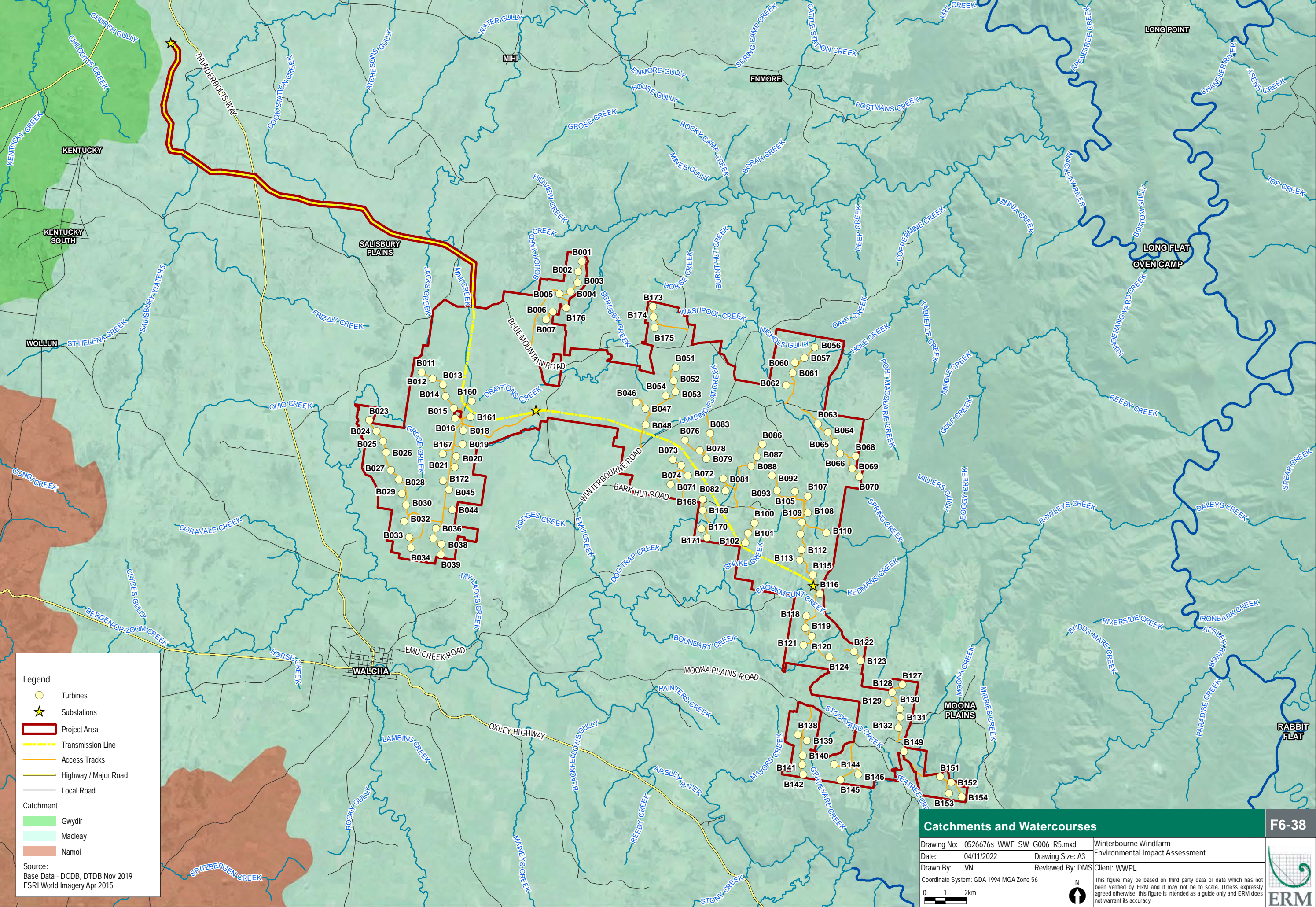
- Turbines
- Substations
- Project Area
- Transmission Line
- Access Tracks
- Highway / Major Road
- Local Road

ASC - Order Level

- Chromosols
- Dermosols
- Ferrosols
- Kandosols
- Kurosols
- Rudosols
- Sodosols
- Tenosols
- Vertosols
- Water

Source:
Base Data - DCDB, DTDB Nov 2019
ASC - Version 4.5 DPI 2021
ESRI World Imagery Apr 2015

Australian Soil Classification Mapping		F6-37
Drawing No: 0526676s_WWF_SW_G005_R5.mxd	Winterbourne Windfarm	
Date: 04/11/2022	Drawing Size: A3	Environmental Impact Assessment
Drawn By: VN	Reviewed By: DMS	Client: WWPL
Coordinate System: GDA 1994 MGA Zone 56		<p>This figure may be based on third party data or data which has not been verified by ERM and it may not be to scale. Unless expressly agreed otherwise, this figure is intended as a guide only and ERM does not warrant its accuracy.</p>
<p>0 1 2km</p> <p>N</p>		



Legend

- Turbines
 - Substations
 - Project Area
 - Transmission Line
 - Access Tracks
 - Highway / Major Road
 - Local Road
- Catchment
- Gwydir
 - Macleay
 - Namoi

Source:
Base Data - DCDB, DTDB Nov 2019
ESRI World Imagery Apr 2015

Catchments and Watercourses

Drawing No: 0526676s_WWF_SW_G006_R5.mxd
Date: 04/11/2022
Drawn By: VN
Winterbourne Windfarm
Environmental Impact Assessment
Reviewed By: DMS
Client: WWPL

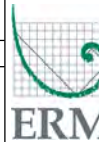
Coordinate System: GDA 1994 MGA Zone 56

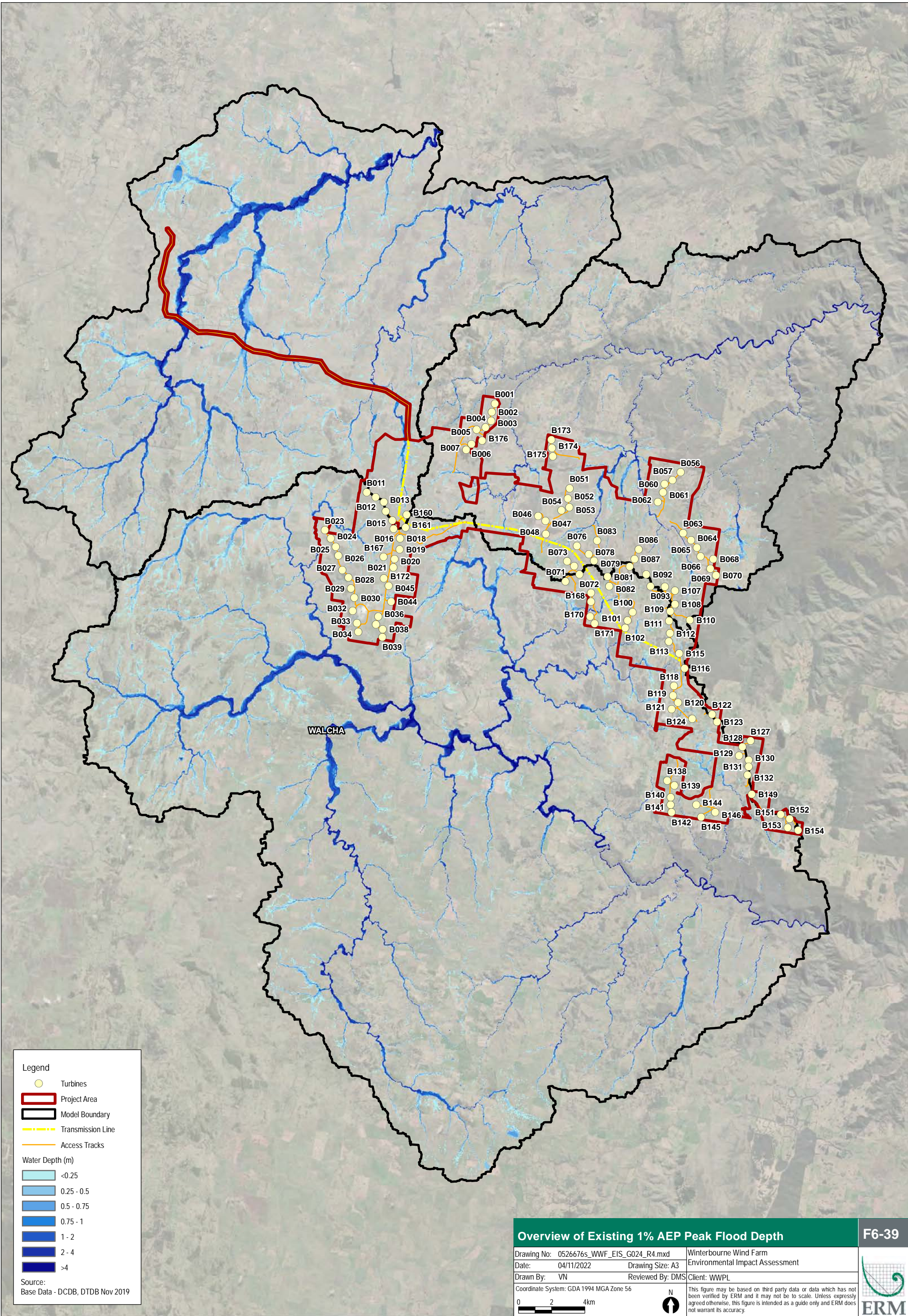
0 1 2km

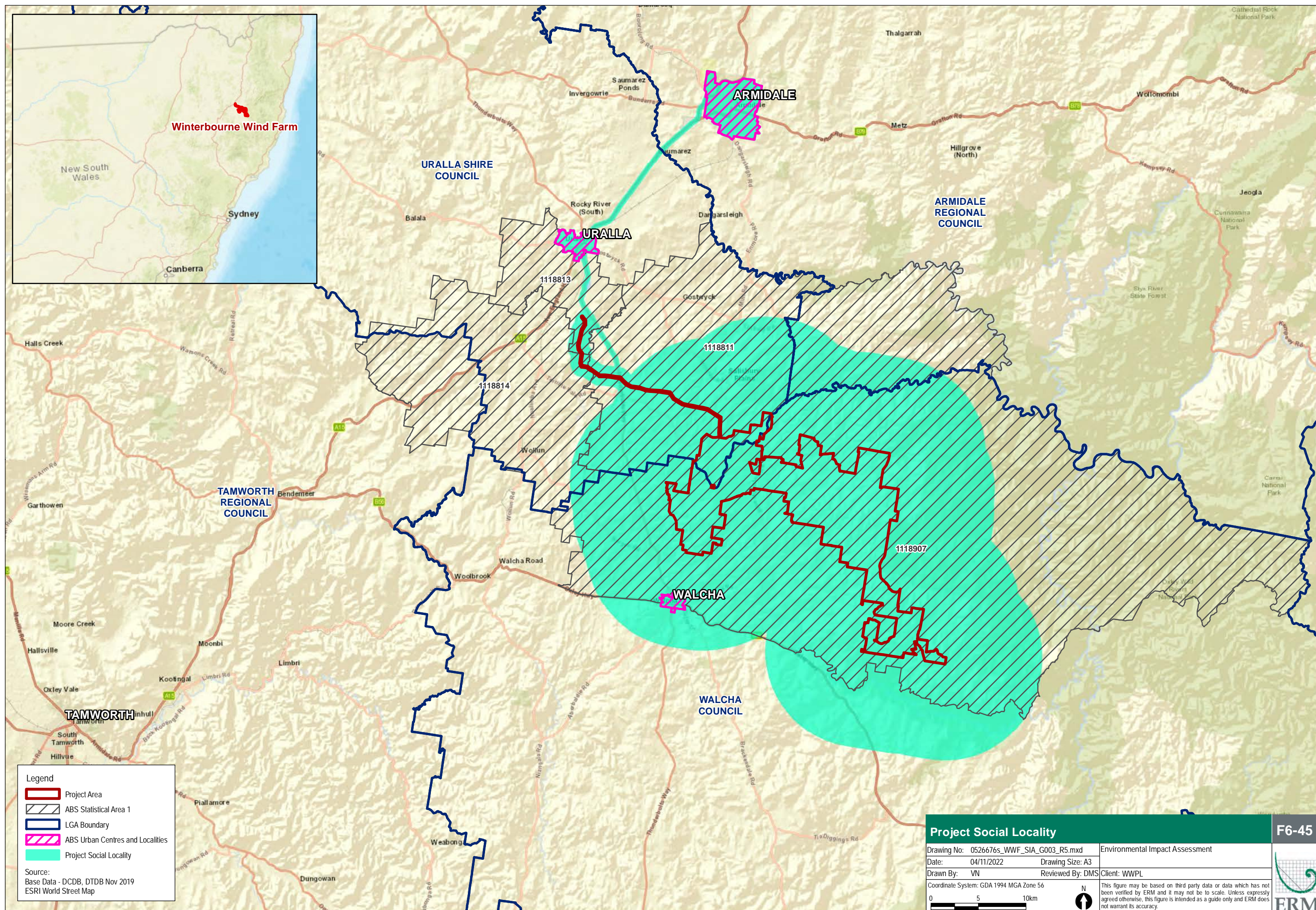


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F6-38







Legend

Project Area

ABS Statistical Area 1

LGA Boundary

ABS Urban Centres and Localities

Project Social Locality

Source:

Base Data - DCDB, DTDB Nov 2019

ESRI World Street Map

Project Social Locality			F6-45
Drawing No: 0526676s_WWF_SIA_G003_R5.mxd		Environmental Impact Assessment	
Date: 04/11/2022	Drawing Size: A3		
Drawn By: VN	Reviewed By: DMS	Client: WWPL	
Coordinate System: GDA 1994 MGA Zone 56			
0 5 10km		N	
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