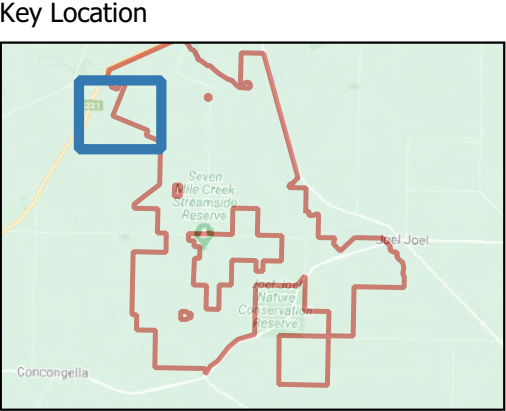
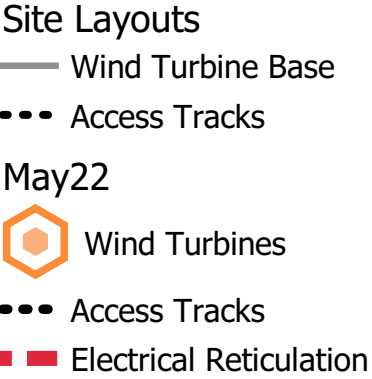
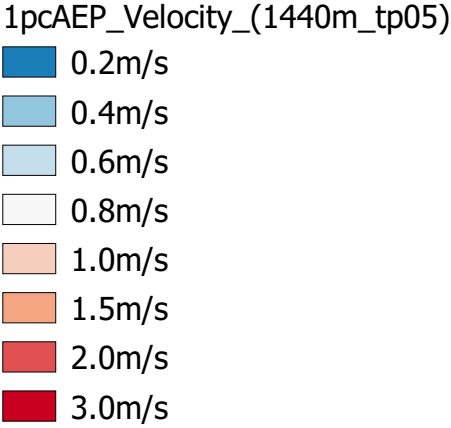
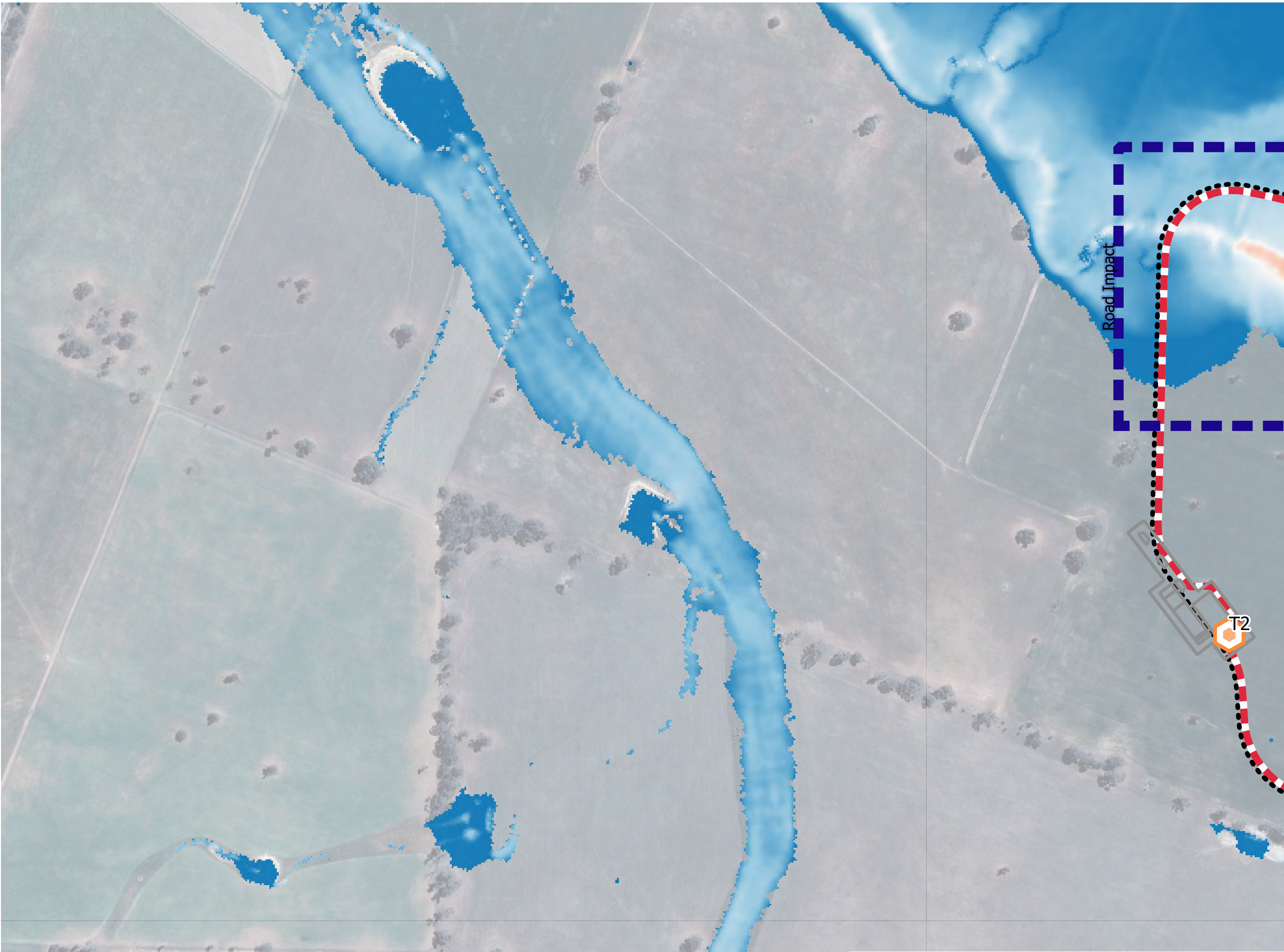

Appendix D - Figures (Flood extents)

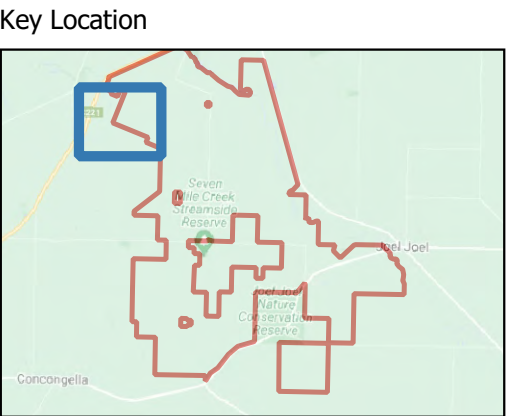
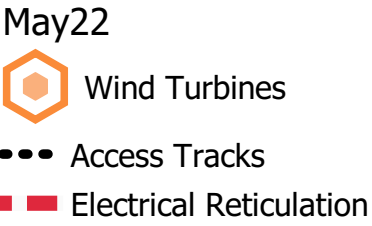
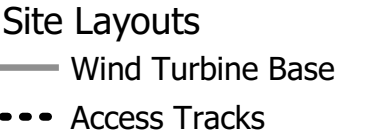
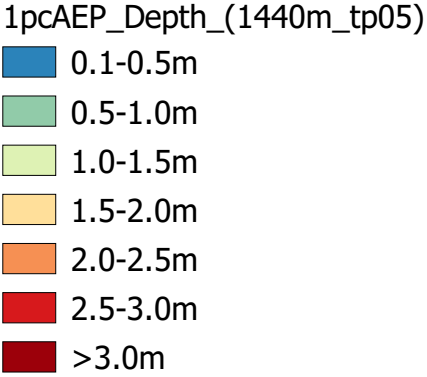
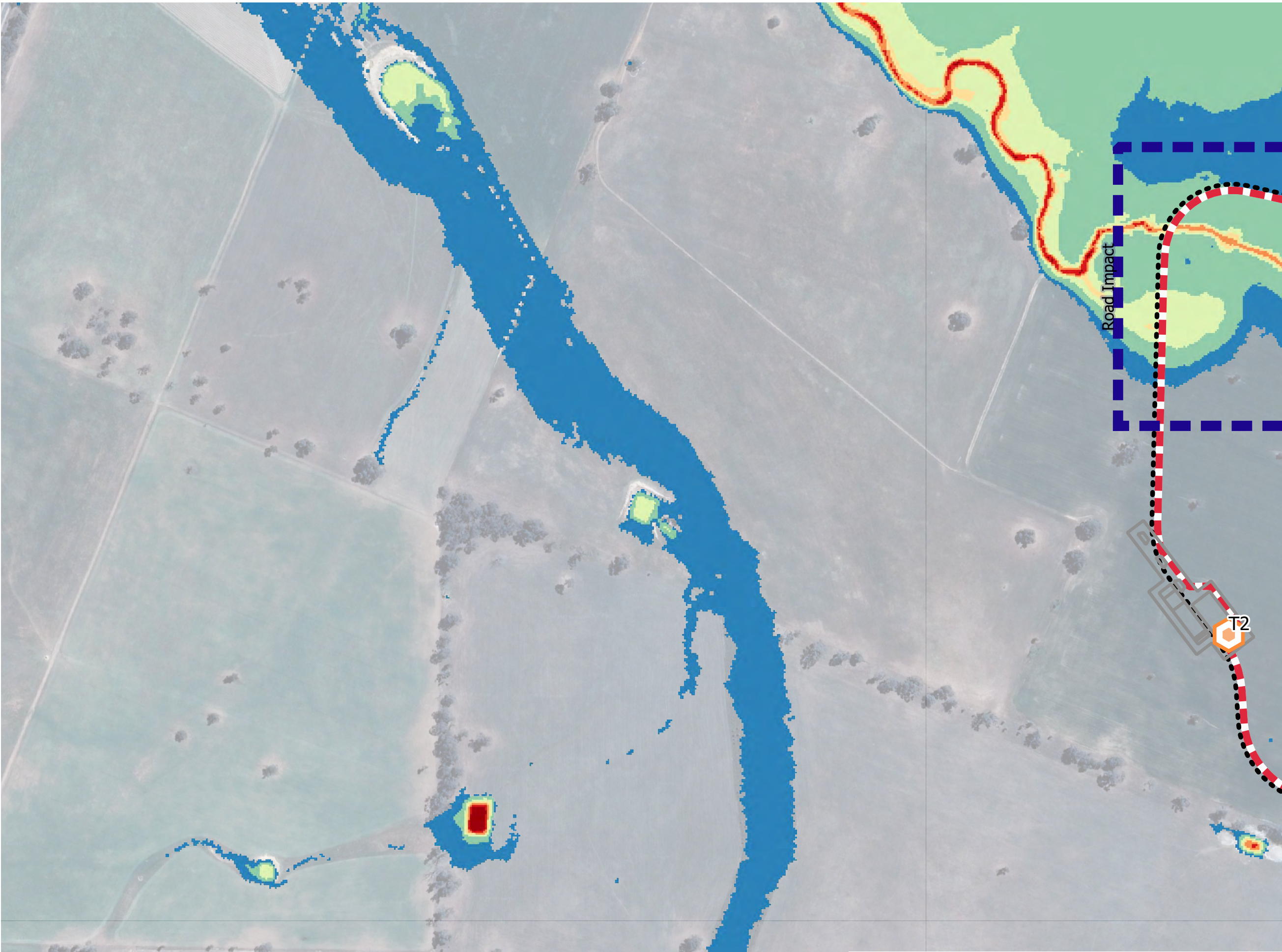
Flood Maps. 1% AEP Results



Map Set Reference
Appendix D 1

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

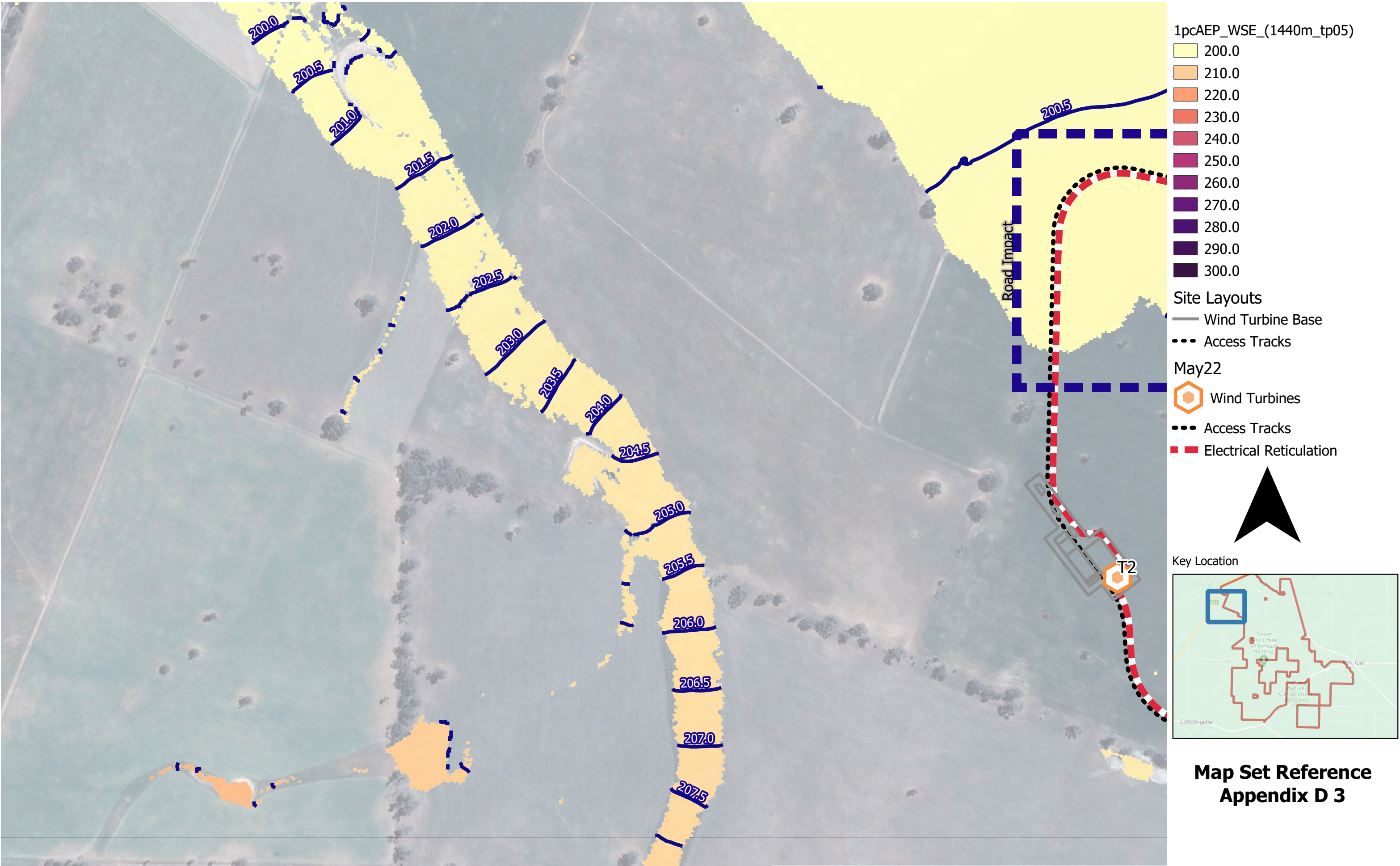
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 2**

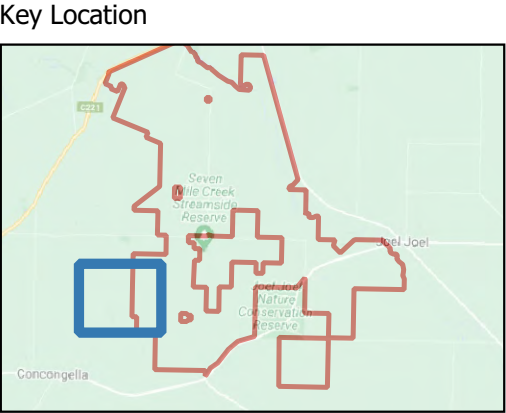
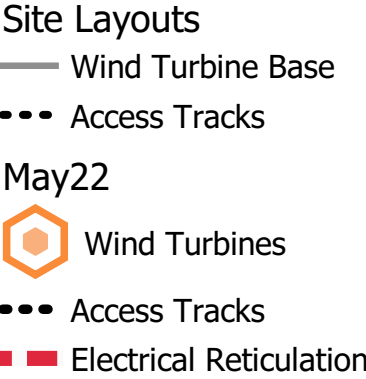
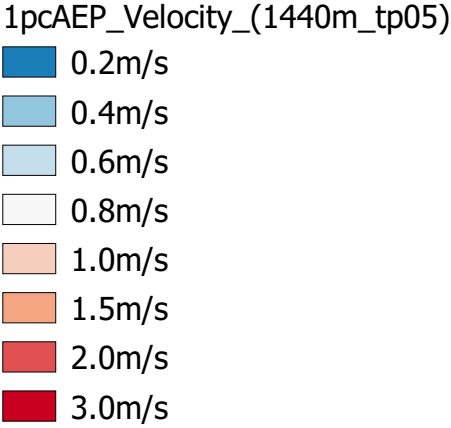
Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.flt, Google Satellite 2021, DesignLevels.shp

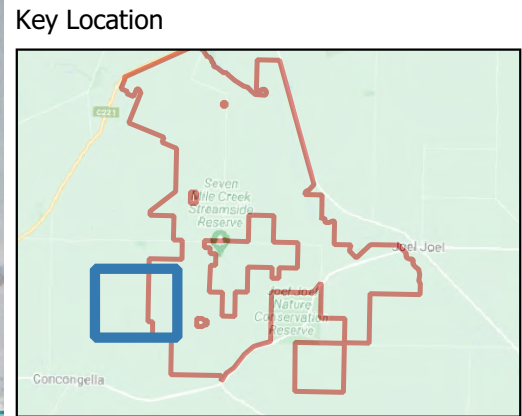
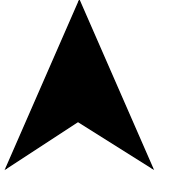
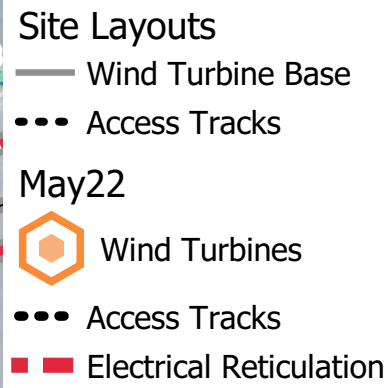
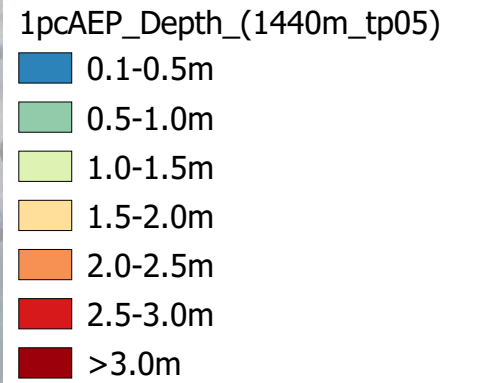
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



Map Set Reference
Appendix D 4

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 5**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



1pcAEP_WSE_(1440m_tp05)

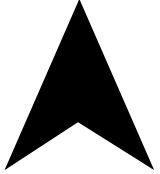
- 200.0
- 210.0
- 220.0
- 230.0
- 240.0
- 250.0
- 260.0
- 270.0
- 280.0
- 290.0
- 300.0

Site Layouts

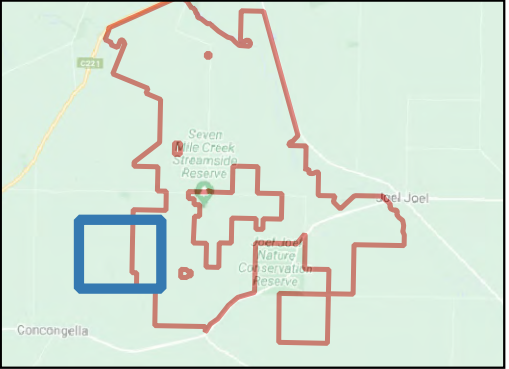
- Wind Turbine Base
- Access Tracks

May22

- Wind Turbines
- Access Tracks
- Electrical Reticulation



Key Location



**Map Set Reference
Appendix D 6**

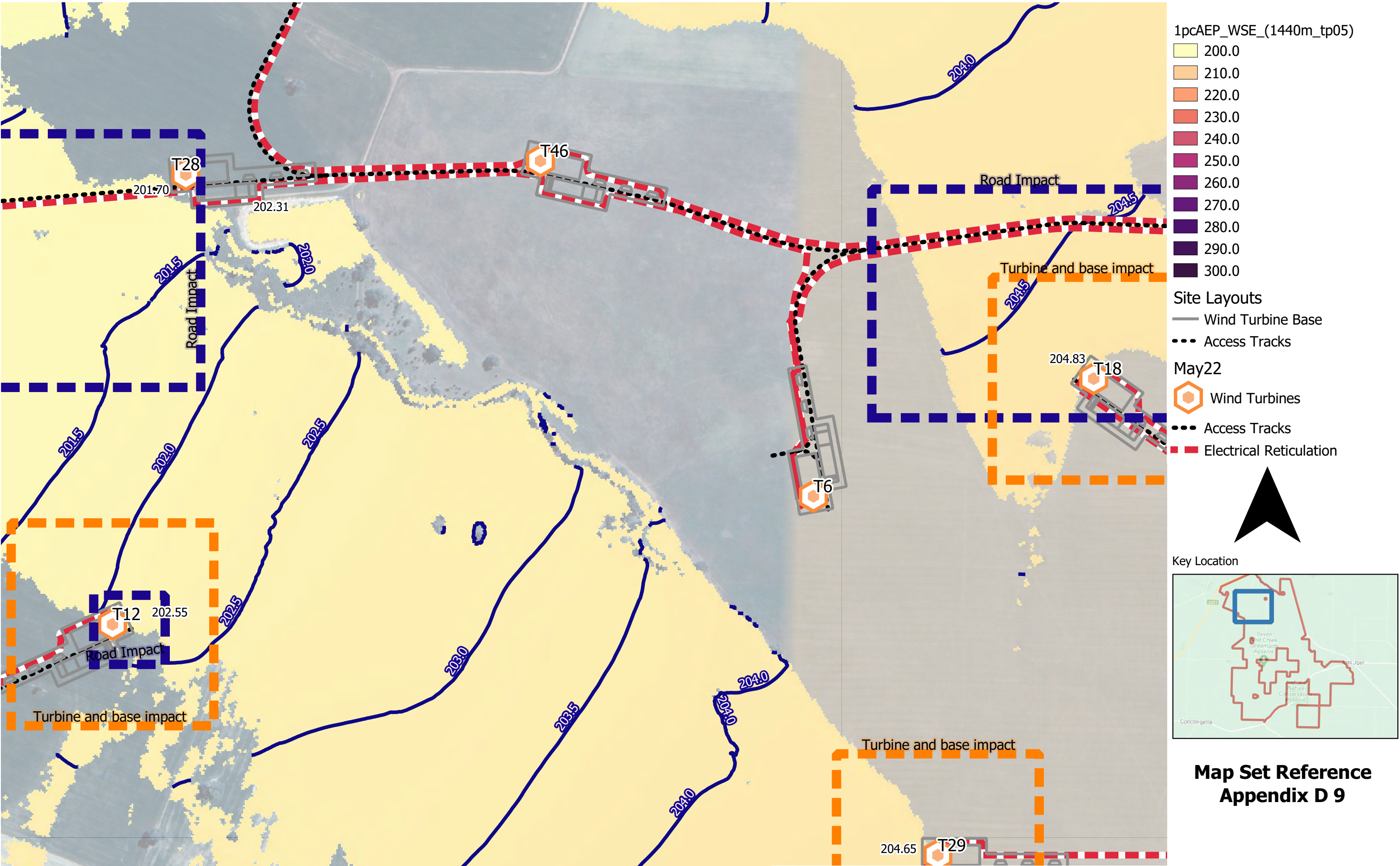
Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.ft, Google Satellite 2021, DesignLevels.shp

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)

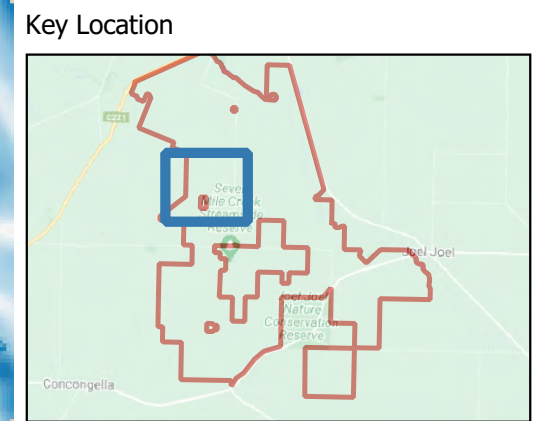
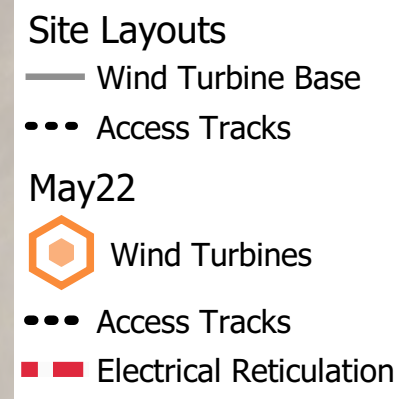
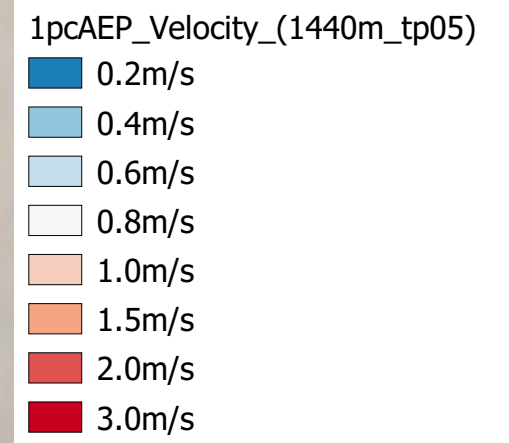


Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

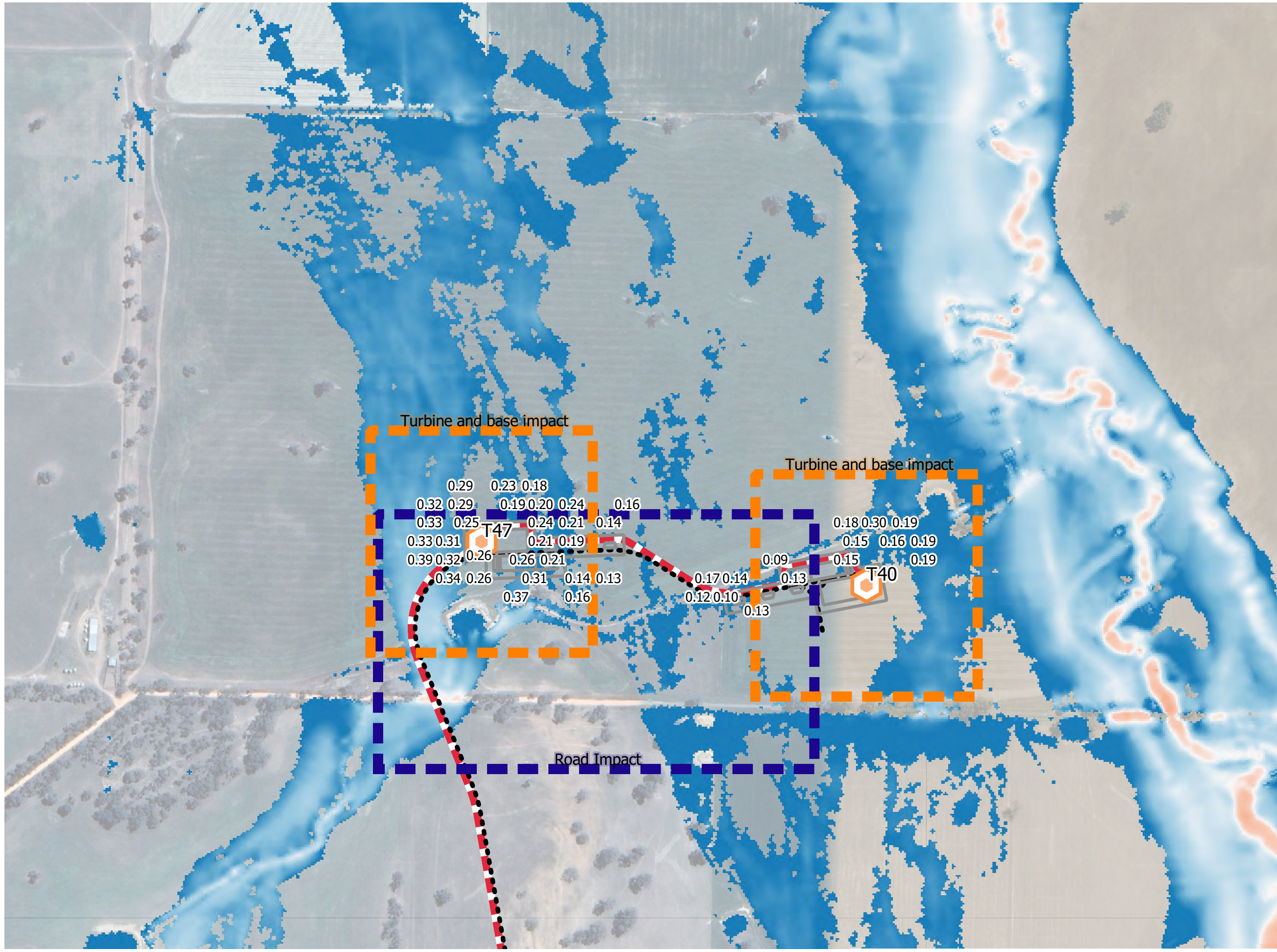
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



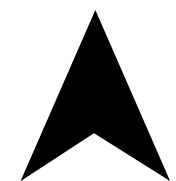
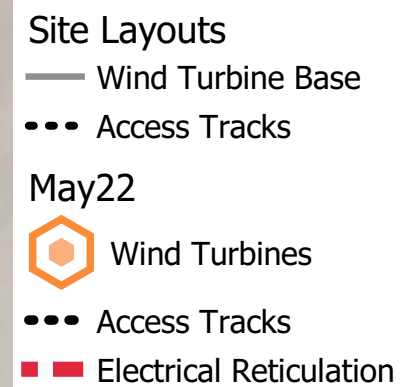
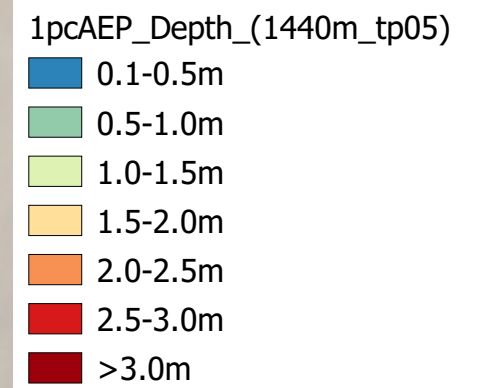
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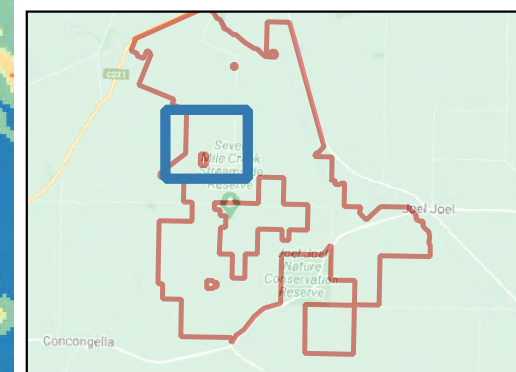
**Map Set Reference
Appendix D 10**



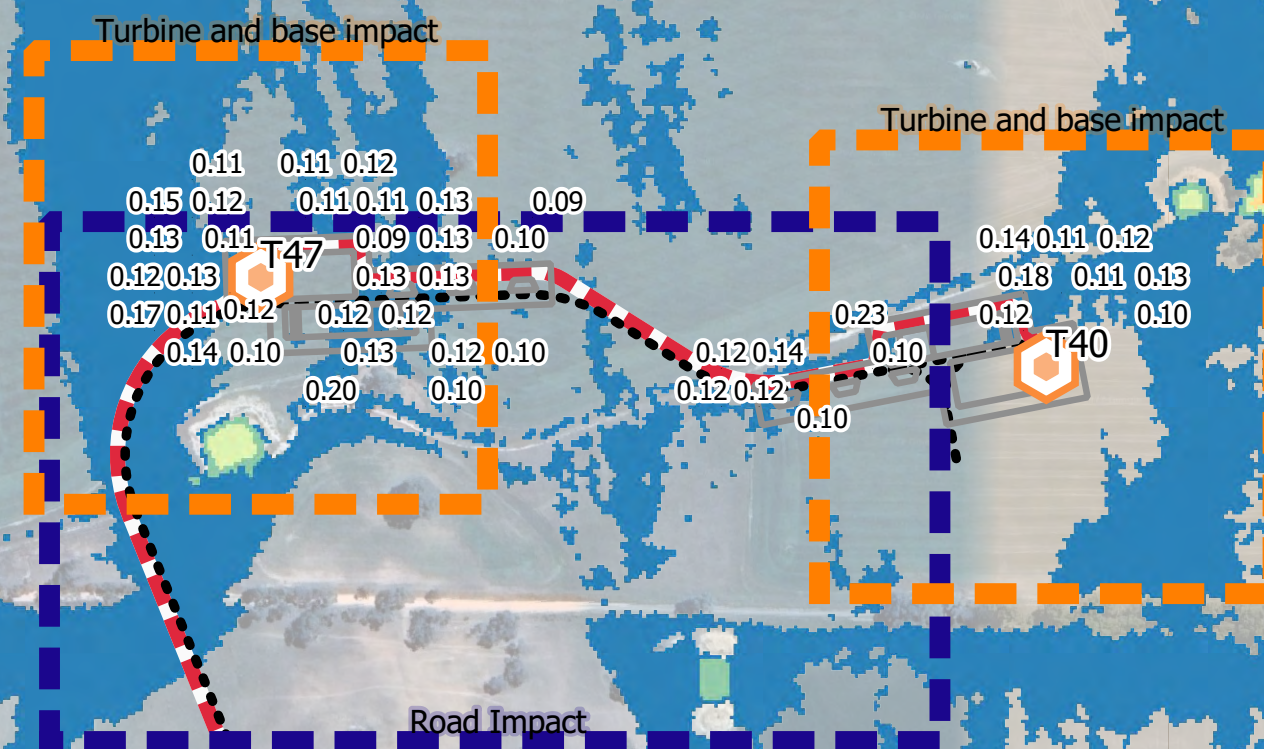
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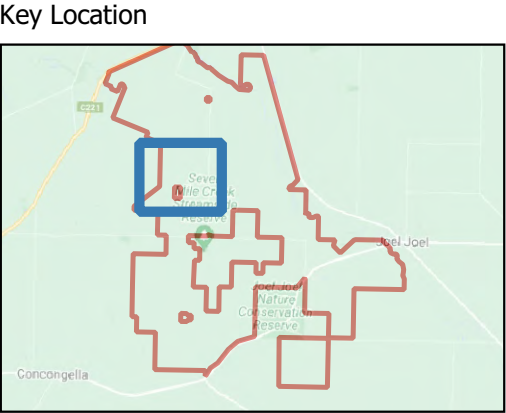
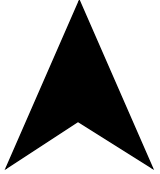
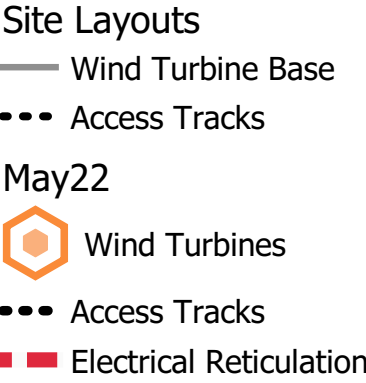
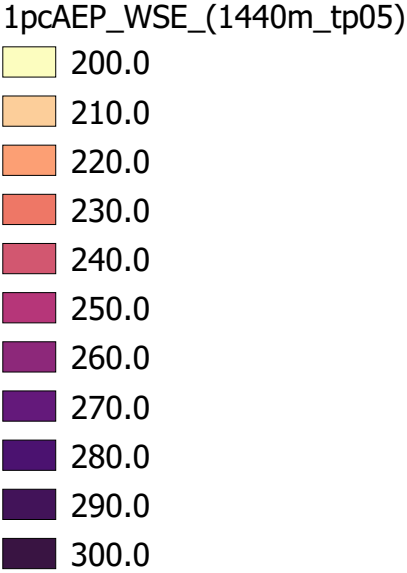
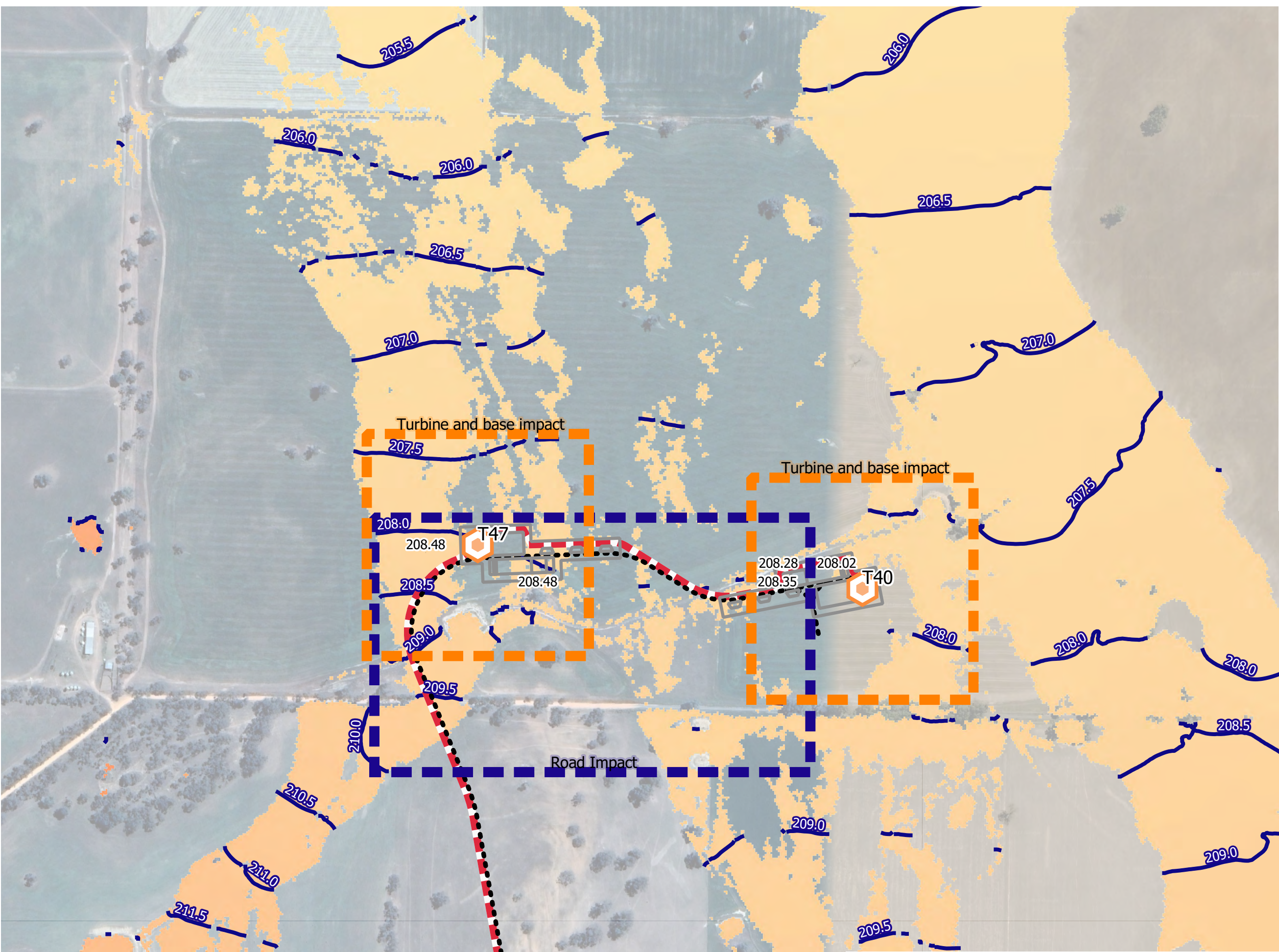
Key Location



Map Set Reference
Appendix D 11



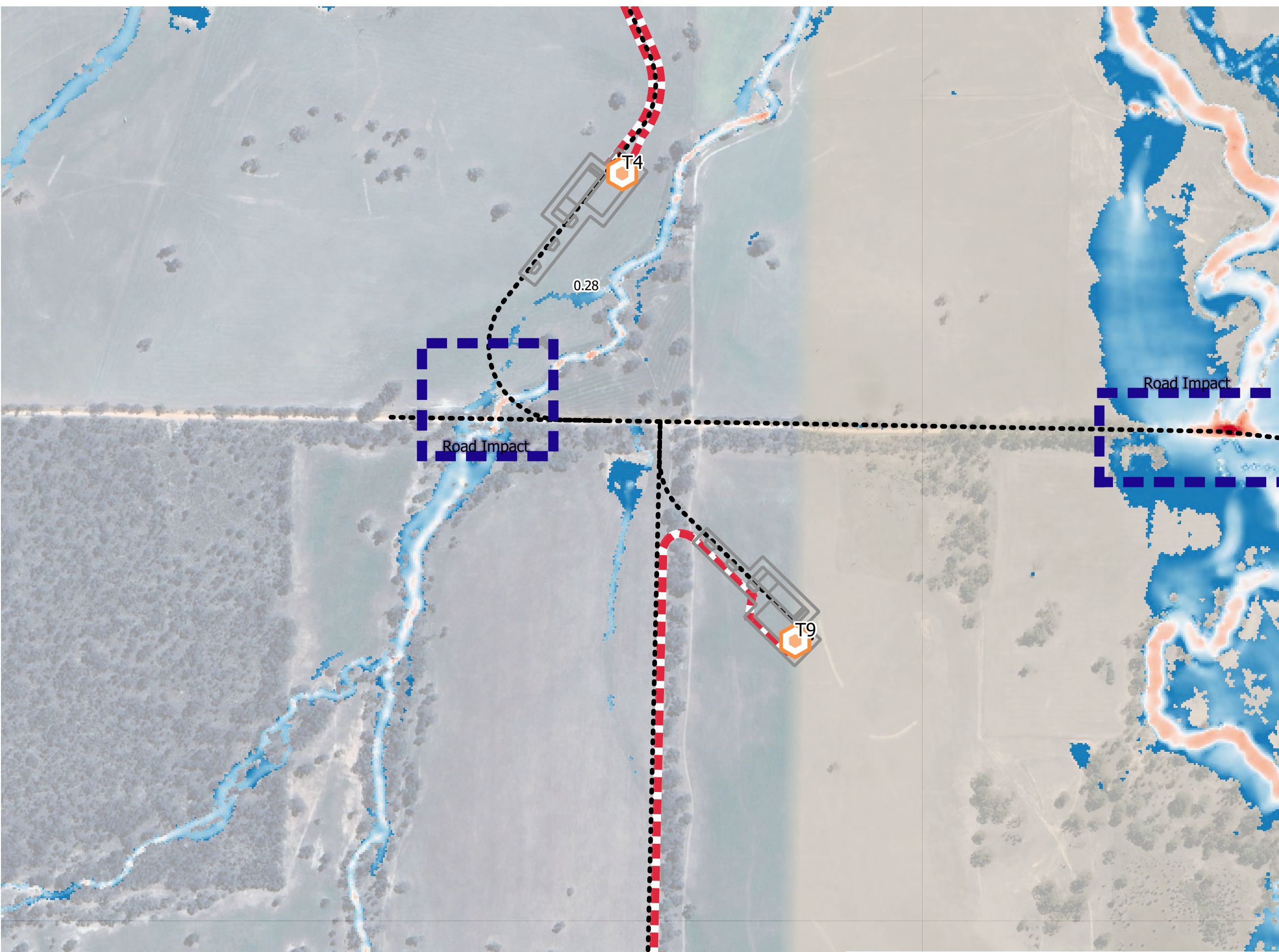
Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.ftl, Google Satellite 2021



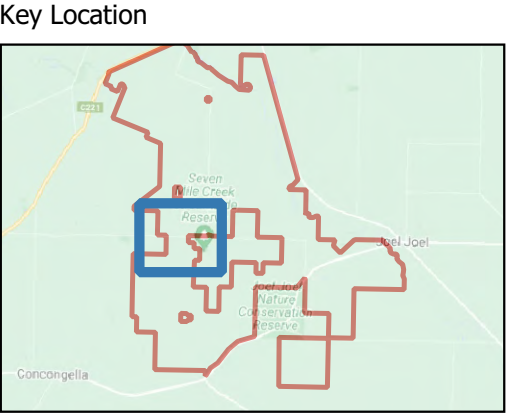
Map Set Reference
Appendix D 12

Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.ftl, Google Satellite 2021, DesignLevels.shp

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



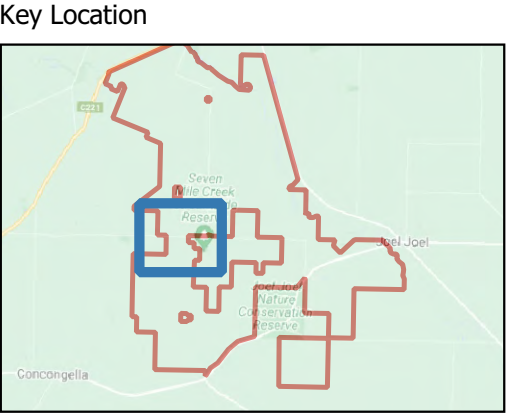
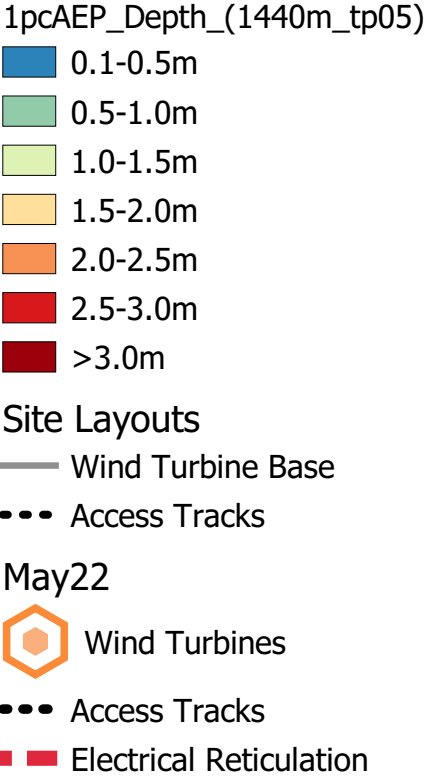
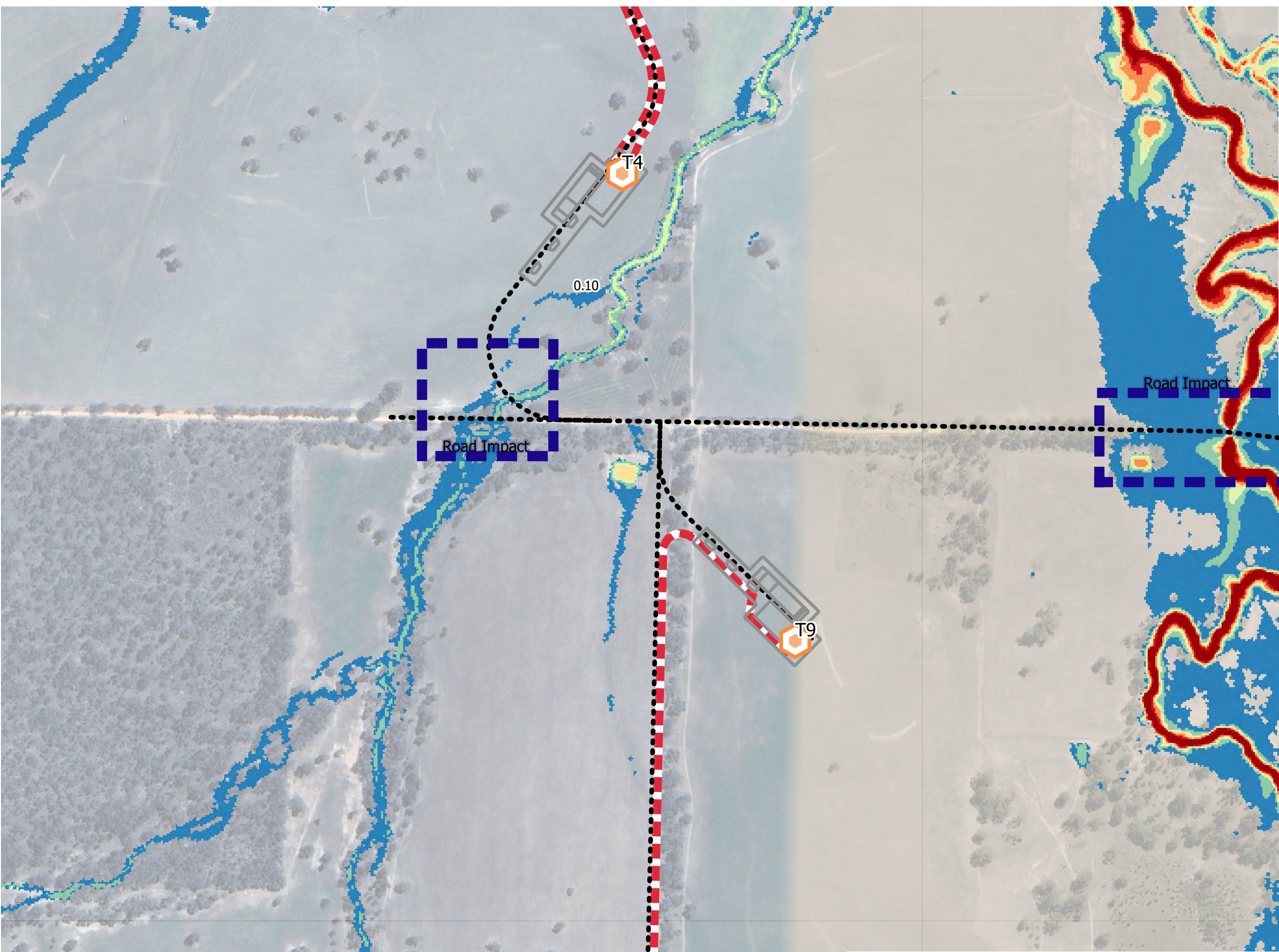
- 1pcAEP_Velocity_(1440m_tp05)
- 0.2m/s
 - 0.4m/s
 - 0.6m/s
 - 0.8m/s
 - 1.0m/s
 - 1.5m/s
 - 2.0m/s
 - 3.0m/s
- Site Layouts
- Wind Turbine Base
 - Access Tracks
- May22
- Wind Turbines
 - Access Tracks
 - Electrical Reticulation



**Map Set Reference
Appendix D 13**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

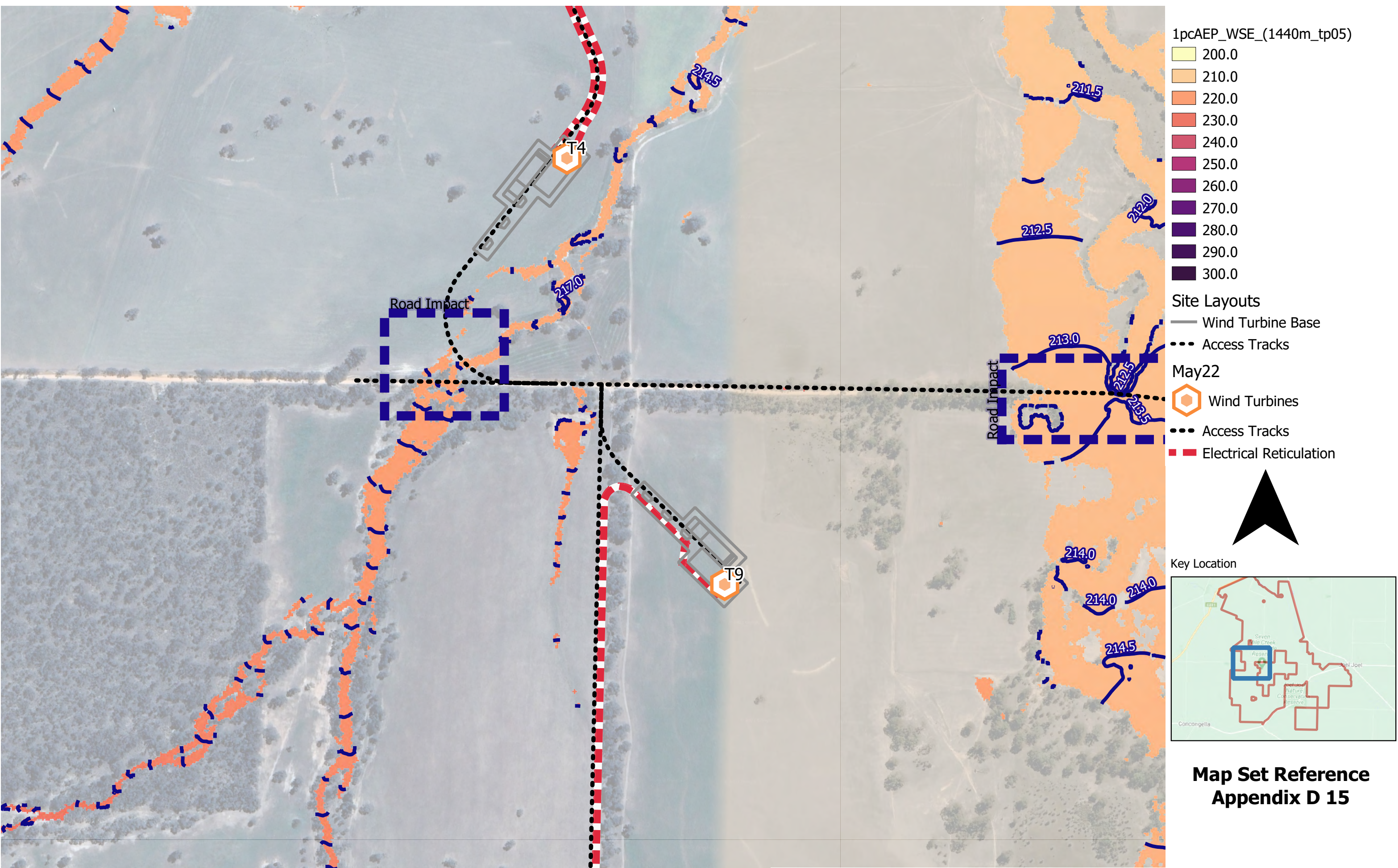
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



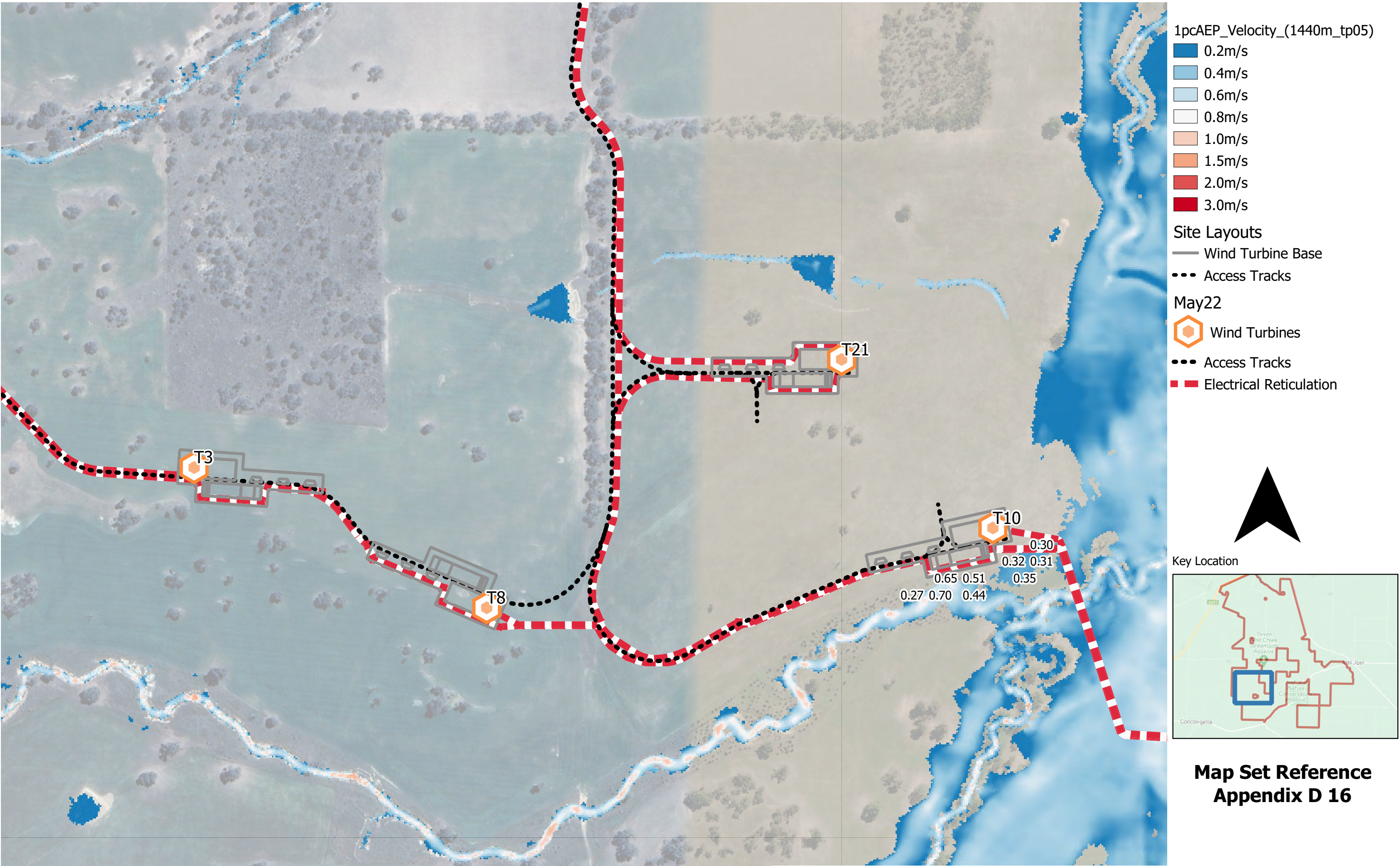
**Map Set Reference
Appendix D 14**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)

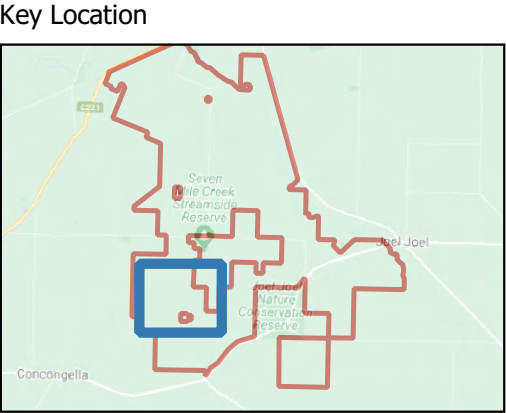
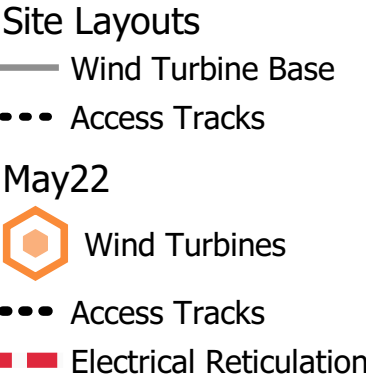
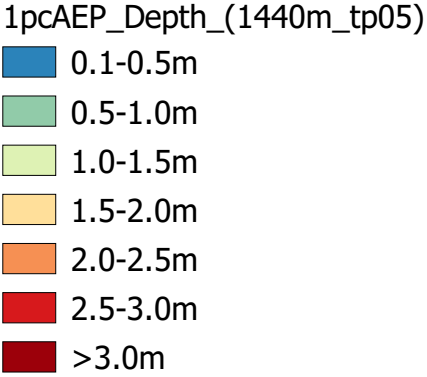
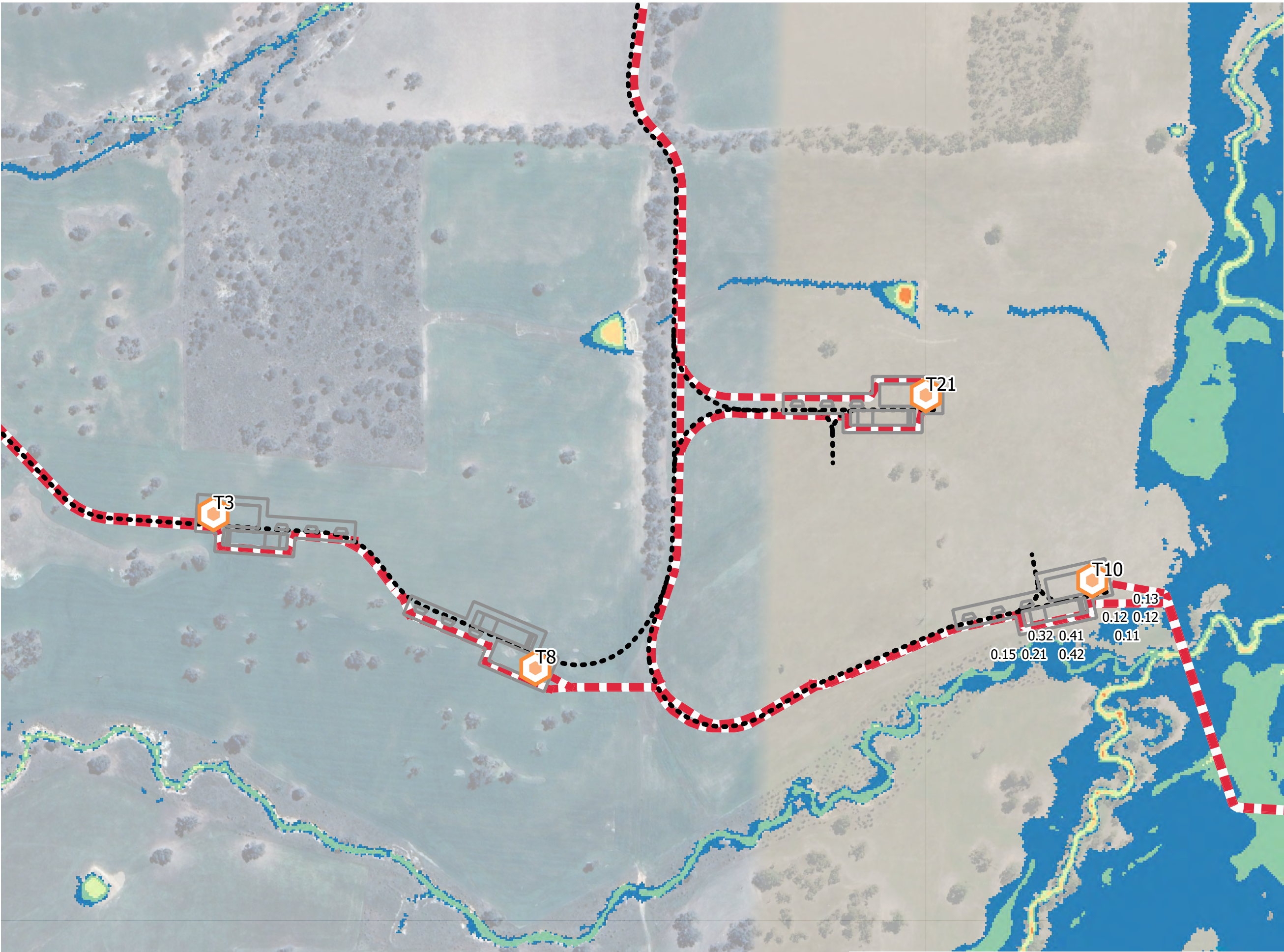


Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.ftt, Google Satellite 2021, DesignLevels.shp



Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

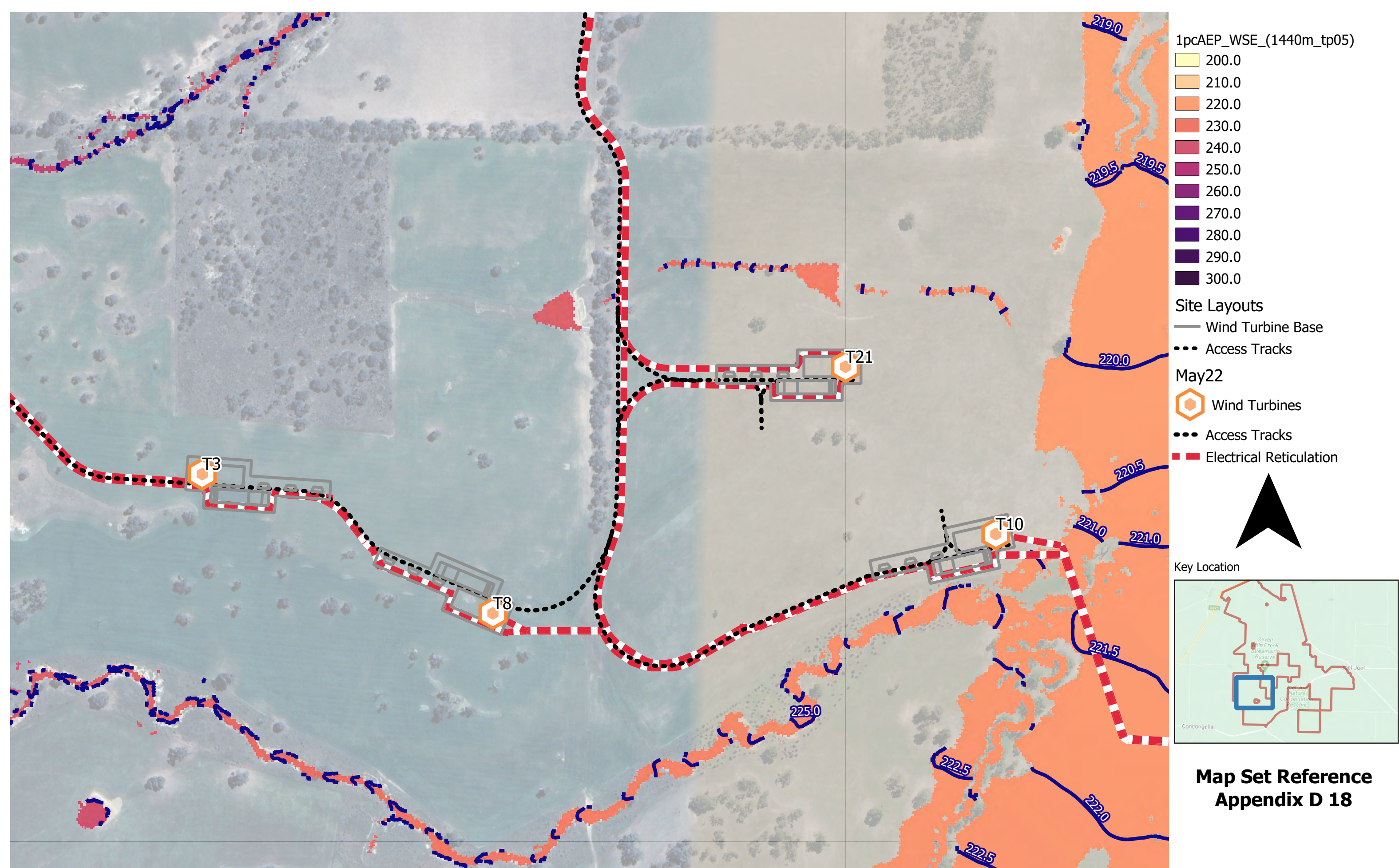
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



Map Set Reference
Appendix D 17

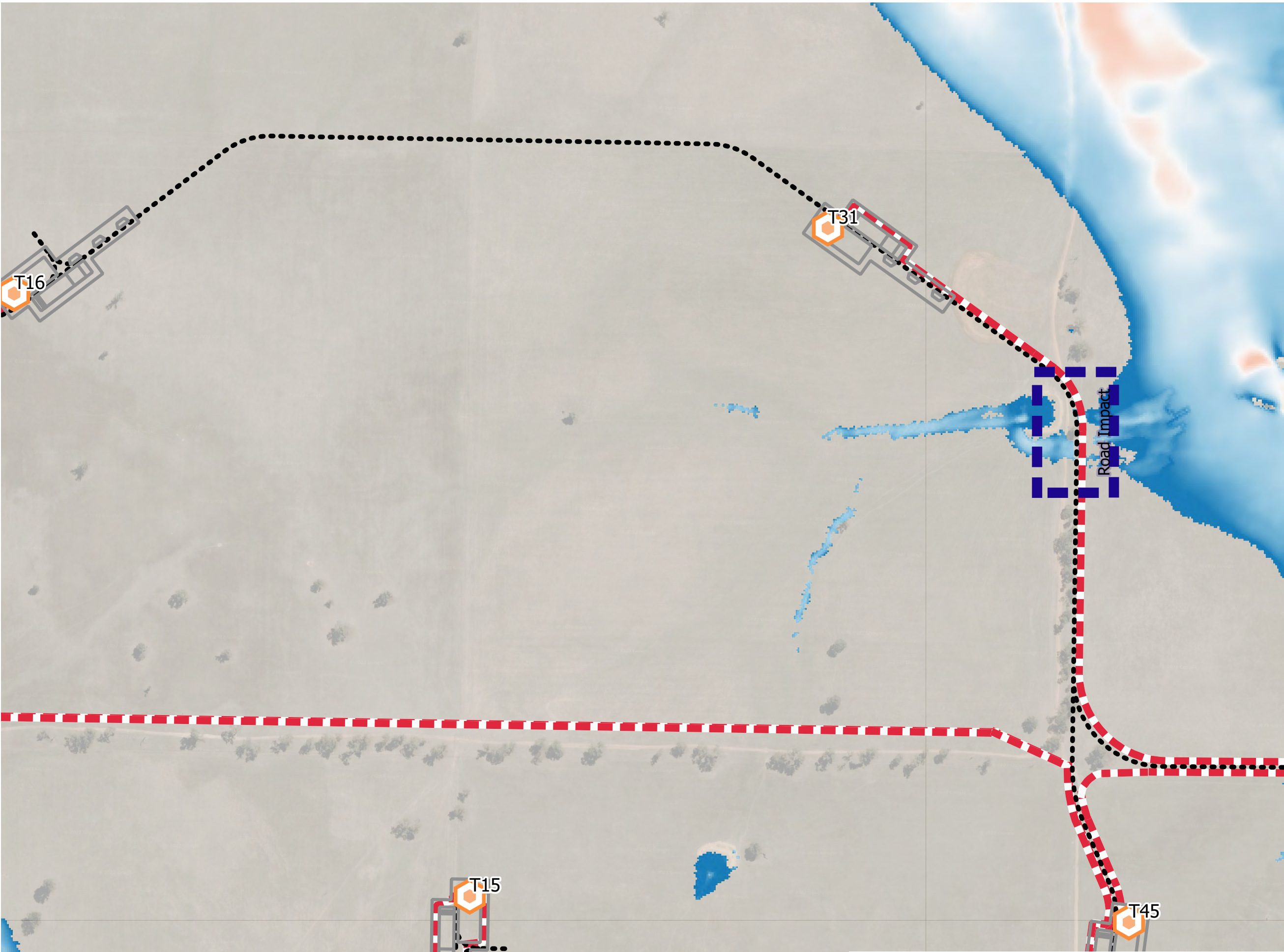
Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.flt, Google Satellite 2021, DesignLevels.shp

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



1pcAEP_Velocity_(1440m_tp05)

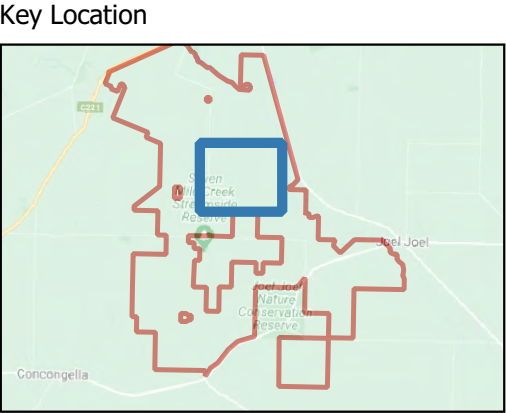
- 0.2m/s
- 0.4m/s
- 0.6m/s
- 0.8m/s
- 1.0m/s
- 1.5m/s
- 2.0m/s
- 3.0m/s

Site Layouts

- Wind Turbine Base
- Access Tracks

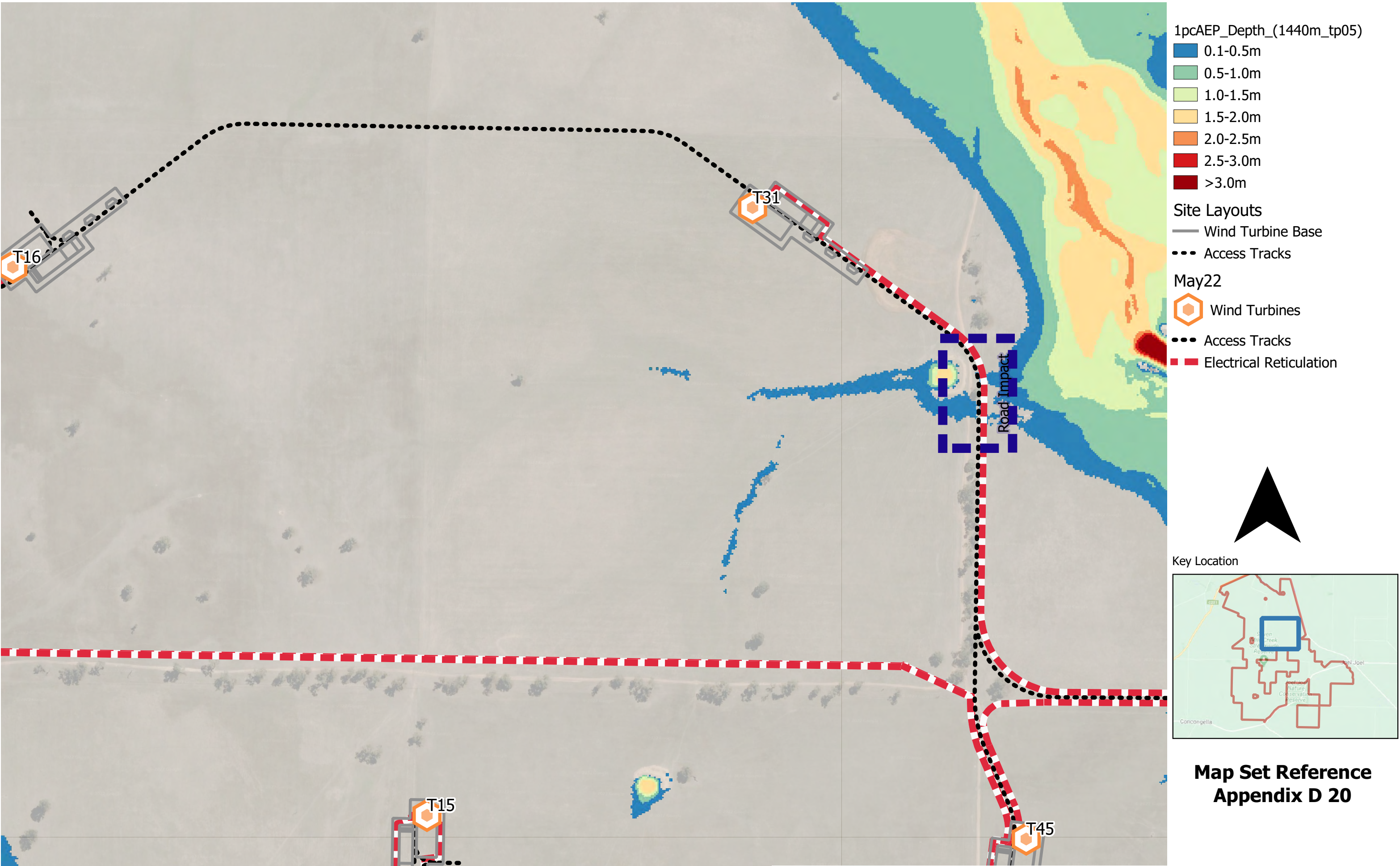
May22

- Wind Turbines
- Access Tracks
- Electrical Reticulation



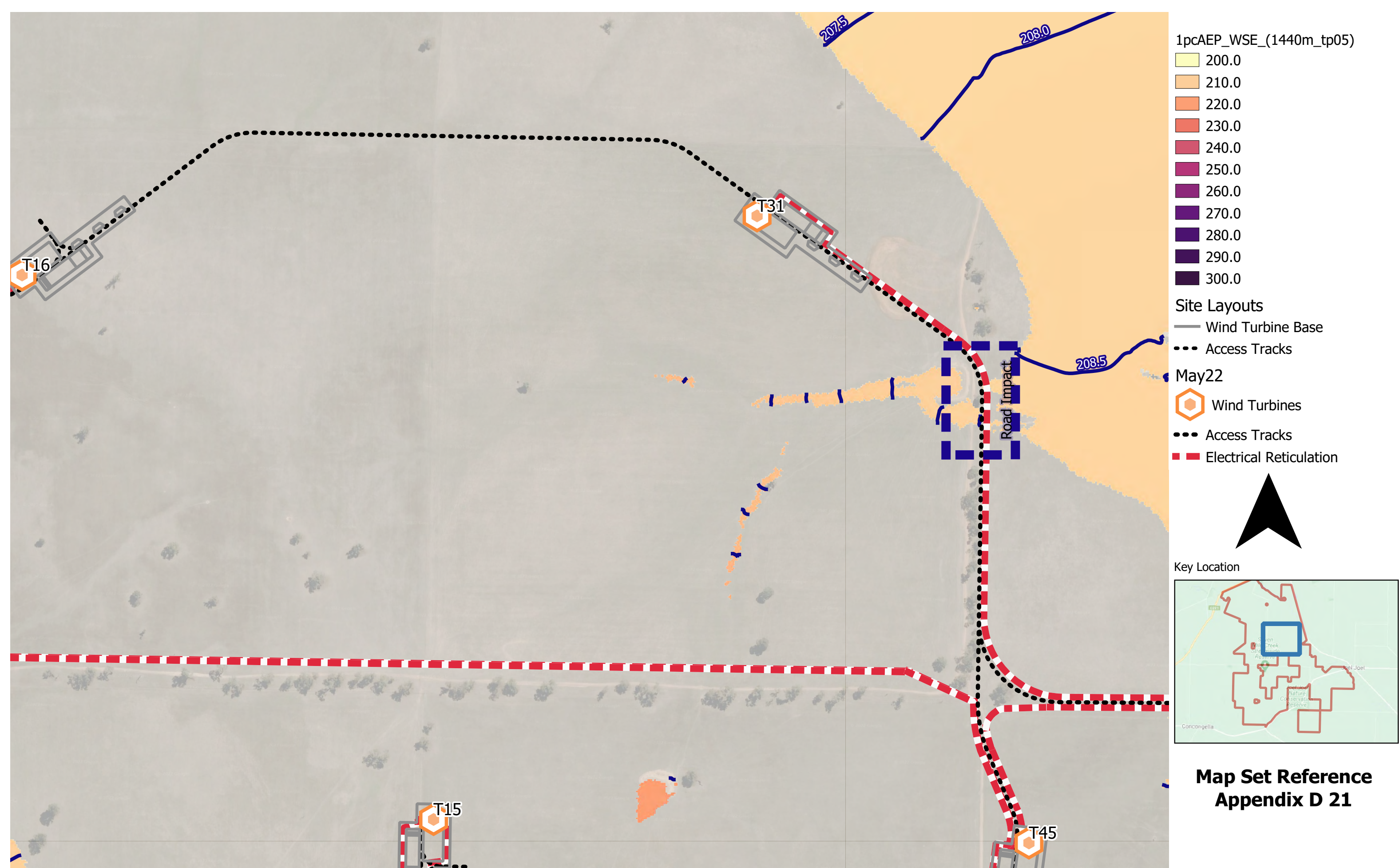
Map Set Reference
Appendix D 19

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021



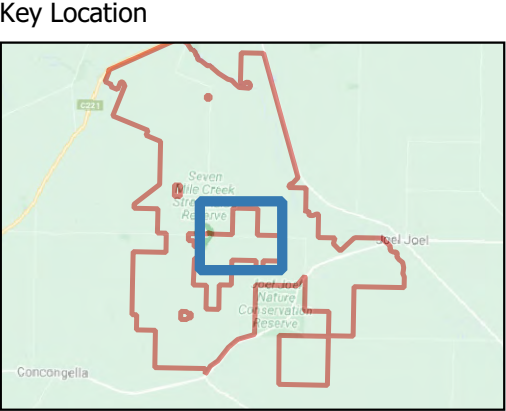
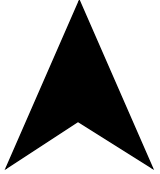
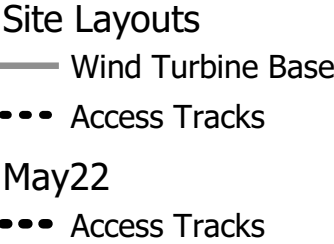
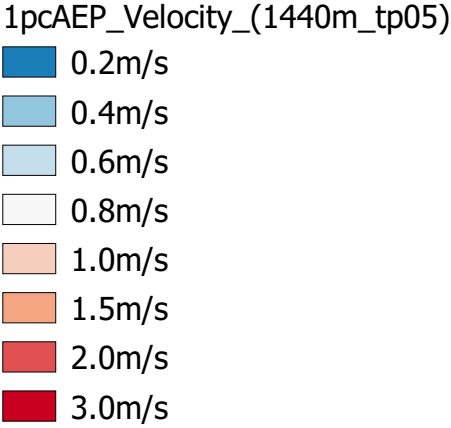
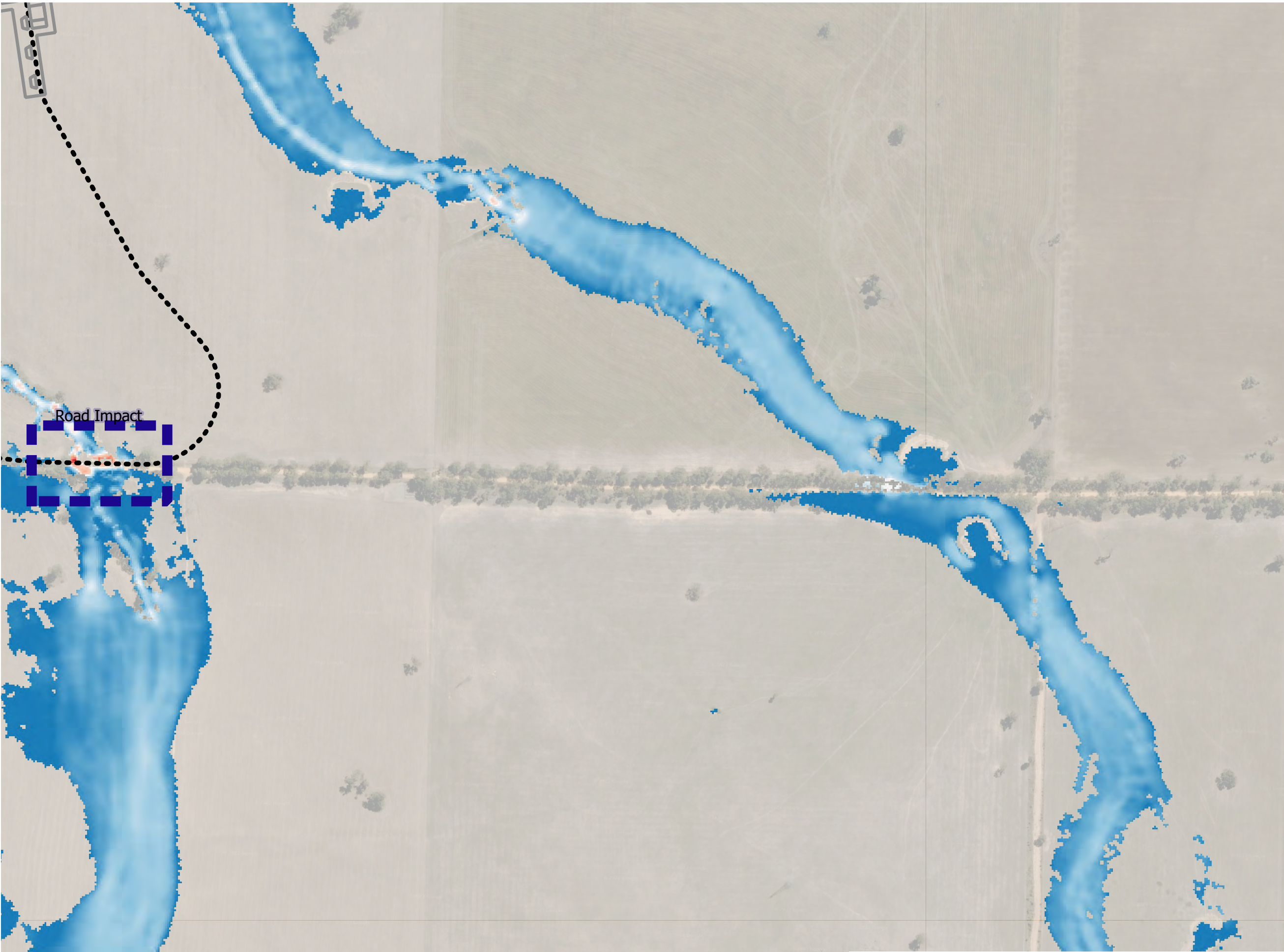
Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.ft, Google Satellite 2021, DesignLevels.shp

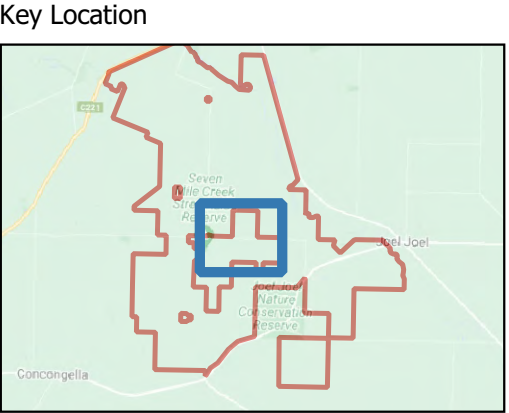
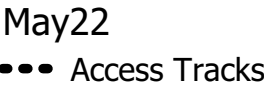
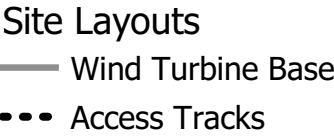
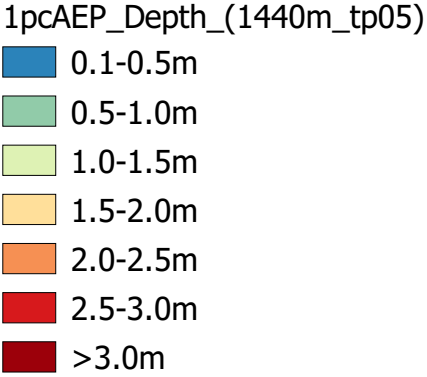
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
 Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



**Map Set Reference
Appendix D 22**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 23**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)

1pcAEP_WSE_(1440m_tp05)

200.0

210.0

220.0

230.0

240.0

250.0

260.0

270.0

280.0

290.0

300.0

Site Layouts

— Wind Turbine Base

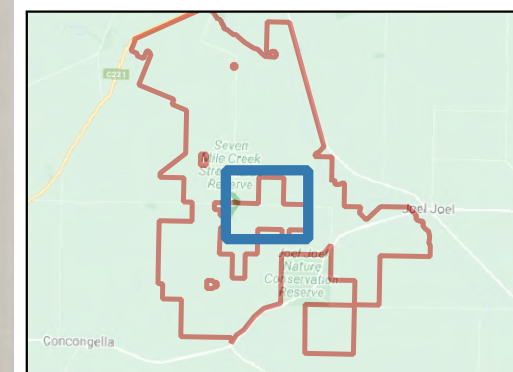
... Access Tracks

May22

... Access Tracks



Key Location

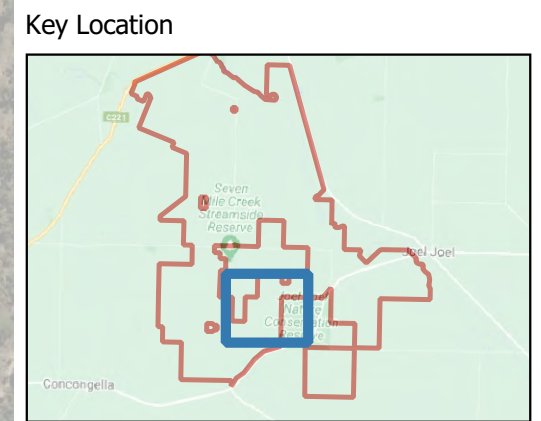
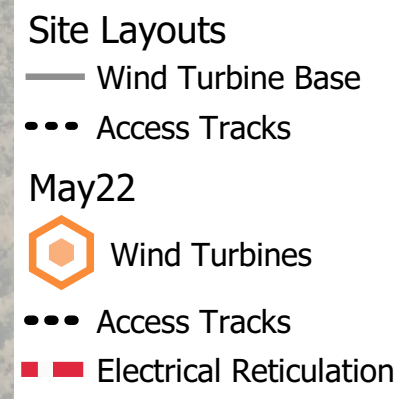
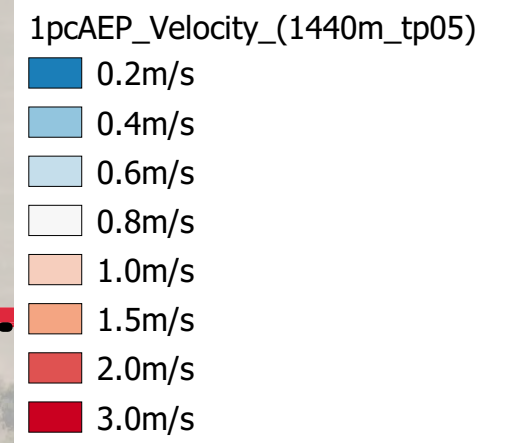


**Map Set Reference
Appendix D 24**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.ftl, Google Satellite 2021, DesignLevels.shp

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)

Appendix D Page 24



**Map Set Reference
Appendix D 25**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)

1pcAEP_Depth_(1440m_tp05)

- 0.1-0.5m
- 0.5-1.0m
- 1.0-1.5m
- 1.5-2.0m
- 2.0-2.5m
- 2.5-3.0m
- >3.0m

Site Layouts

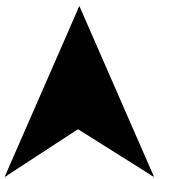
- Wind Turbine Base
- Access Tracks

May22

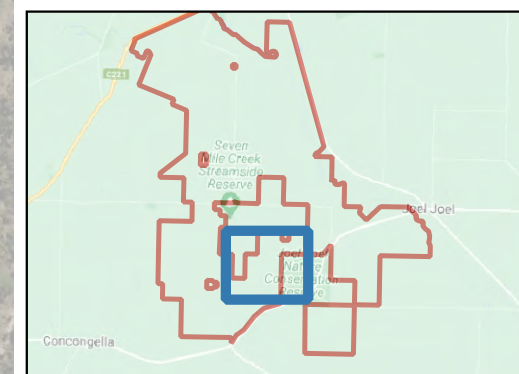
- Wind Turbines

- Access Tracks

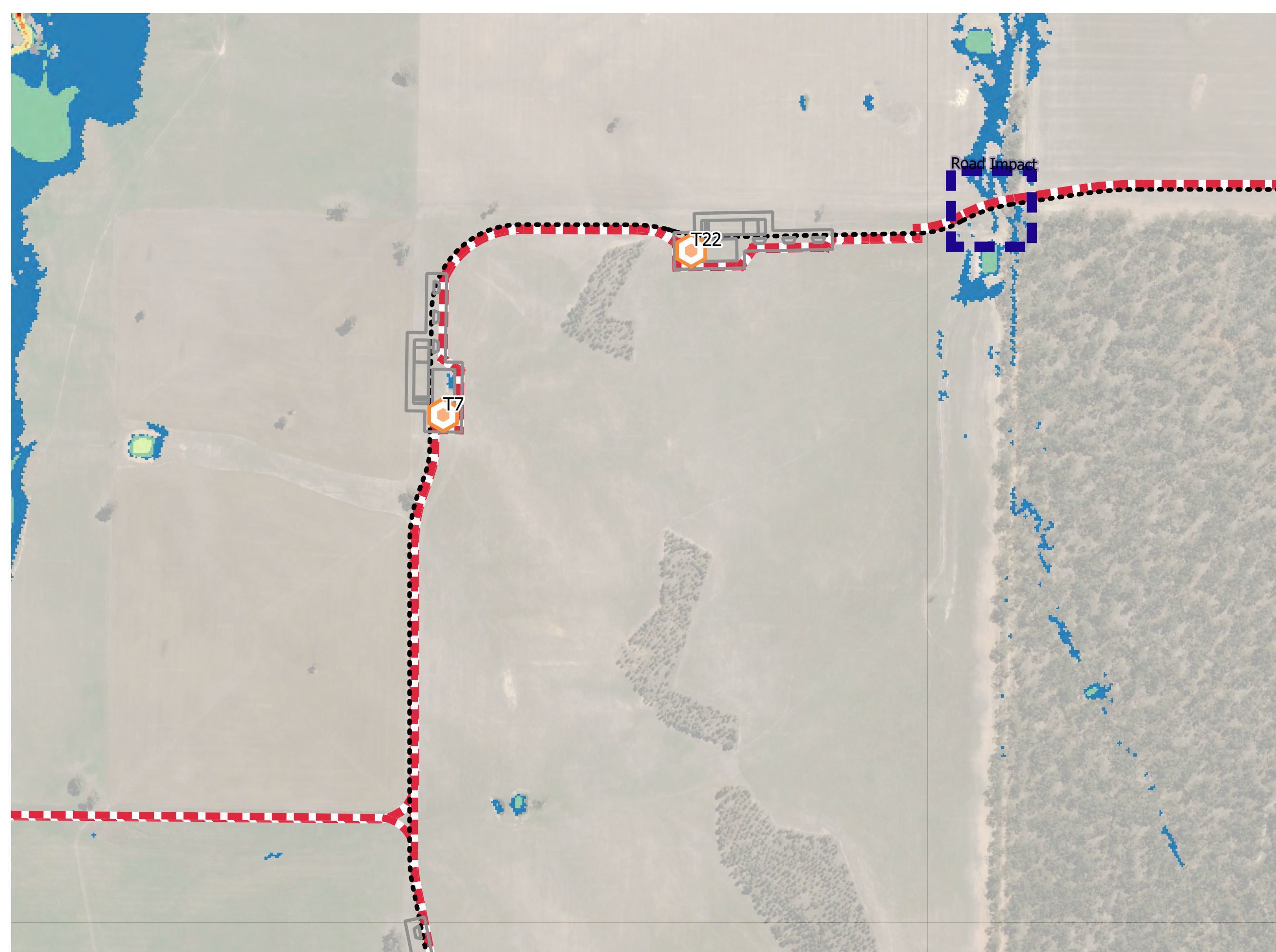
- Electrical Reticulation



Key Location

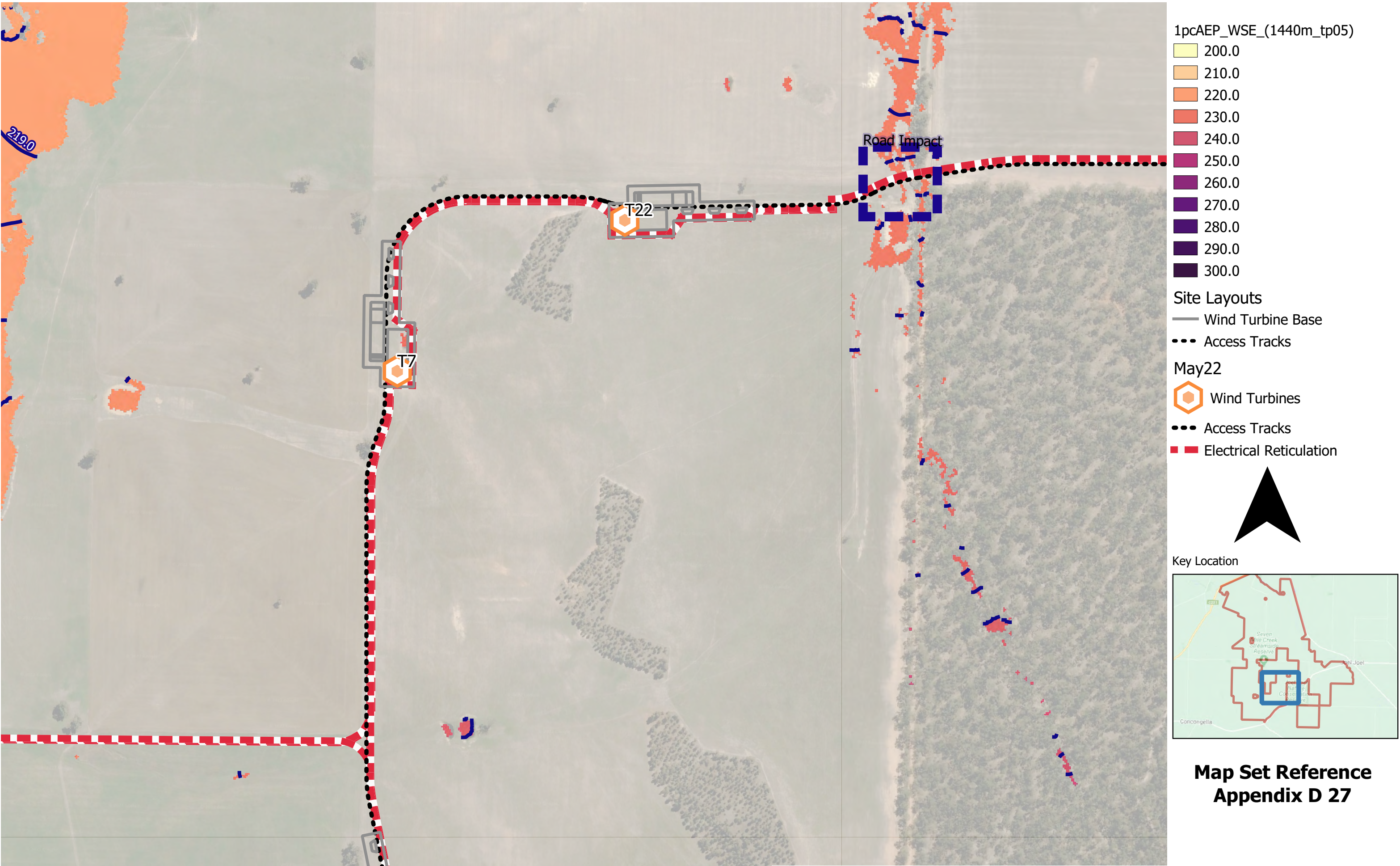


**Map Set Reference
Appendix D 26**



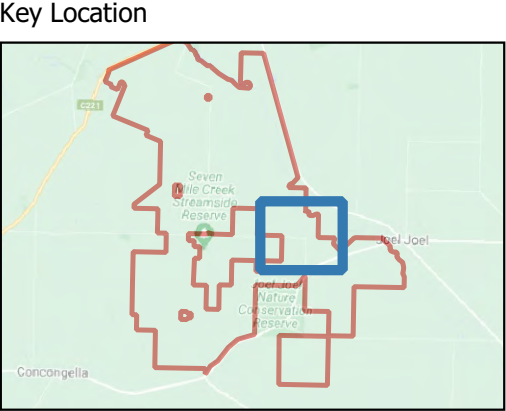
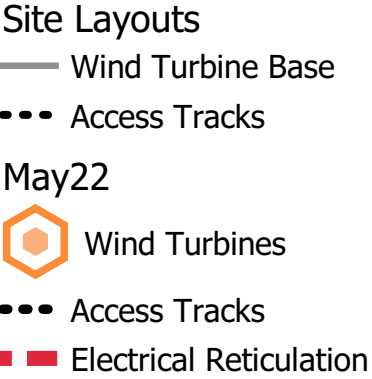
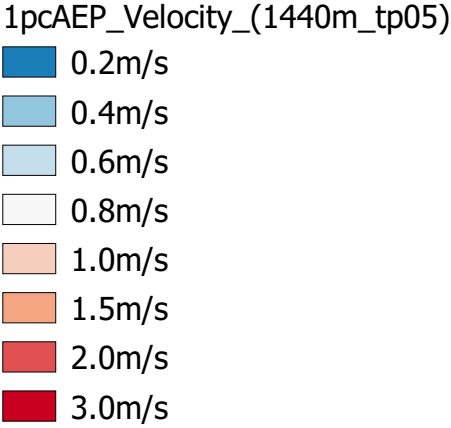
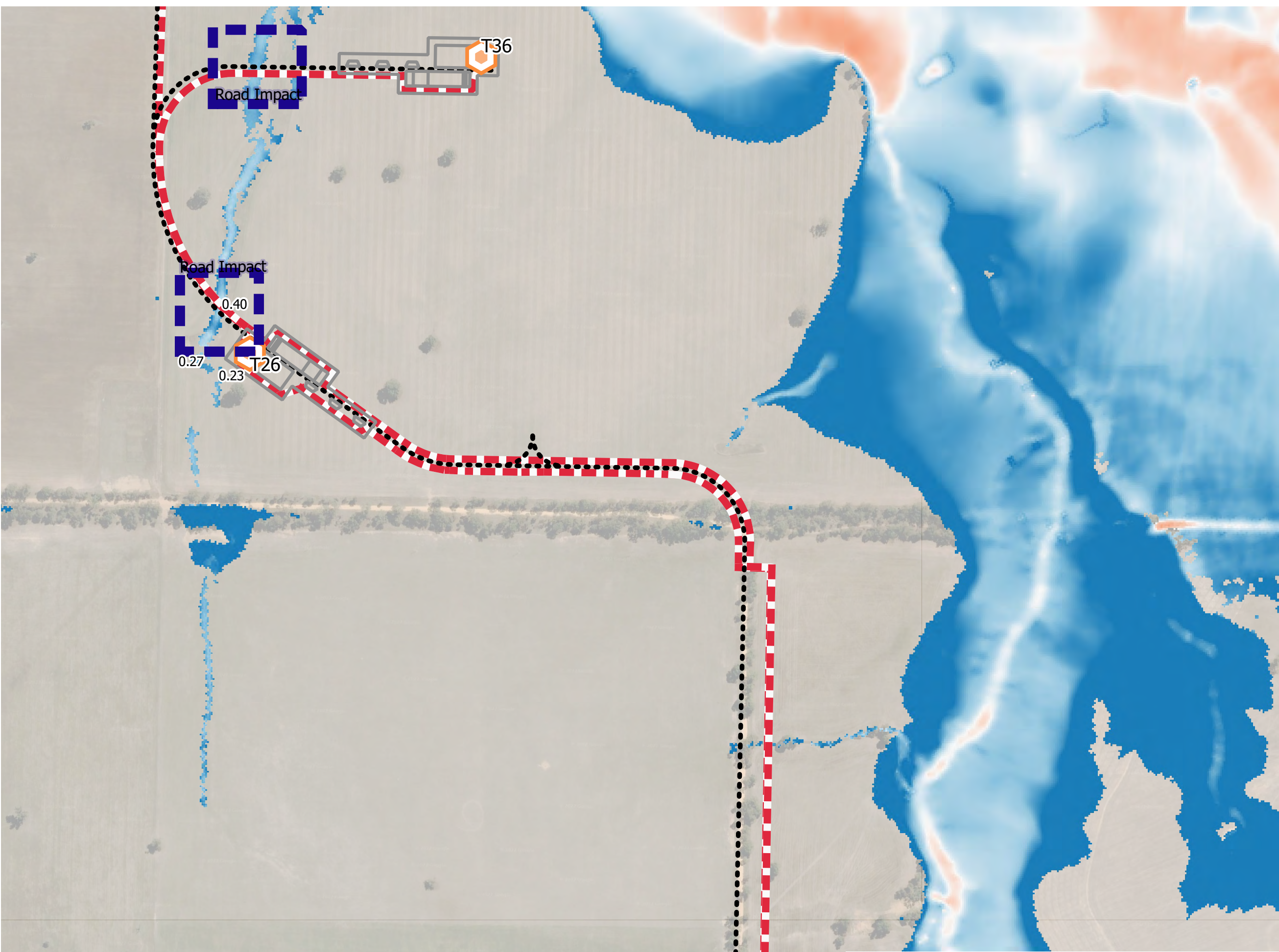
Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.flt, Google Satellite 2021, DesignLevels.shp

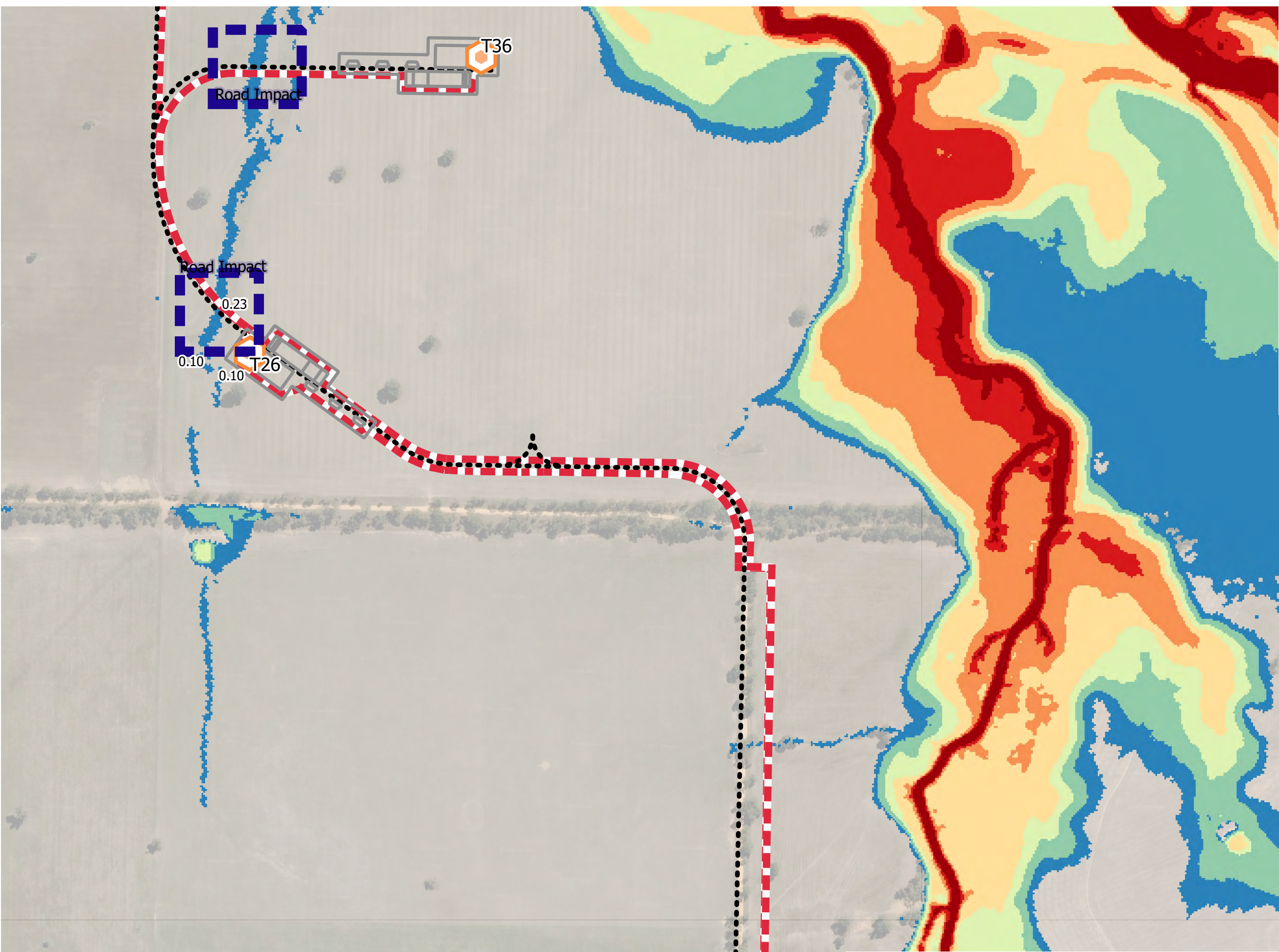
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



Map Set Reference
Appendix D 28

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



1pcAEP_Depth_(1440m_tp05)

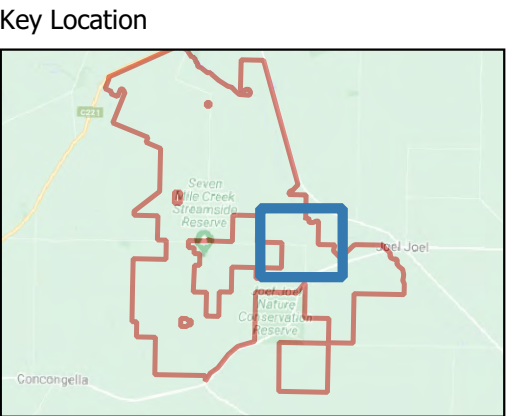
- 0.1-0.5m
- 0.5-1.0m
- 1.0-1.5m
- 1.5-2.0m
- 2.0-2.5m
- 2.5-3.0m
- >3.0m

Site Layouts

- Wind Turbine Base
- Access Tracks

May22

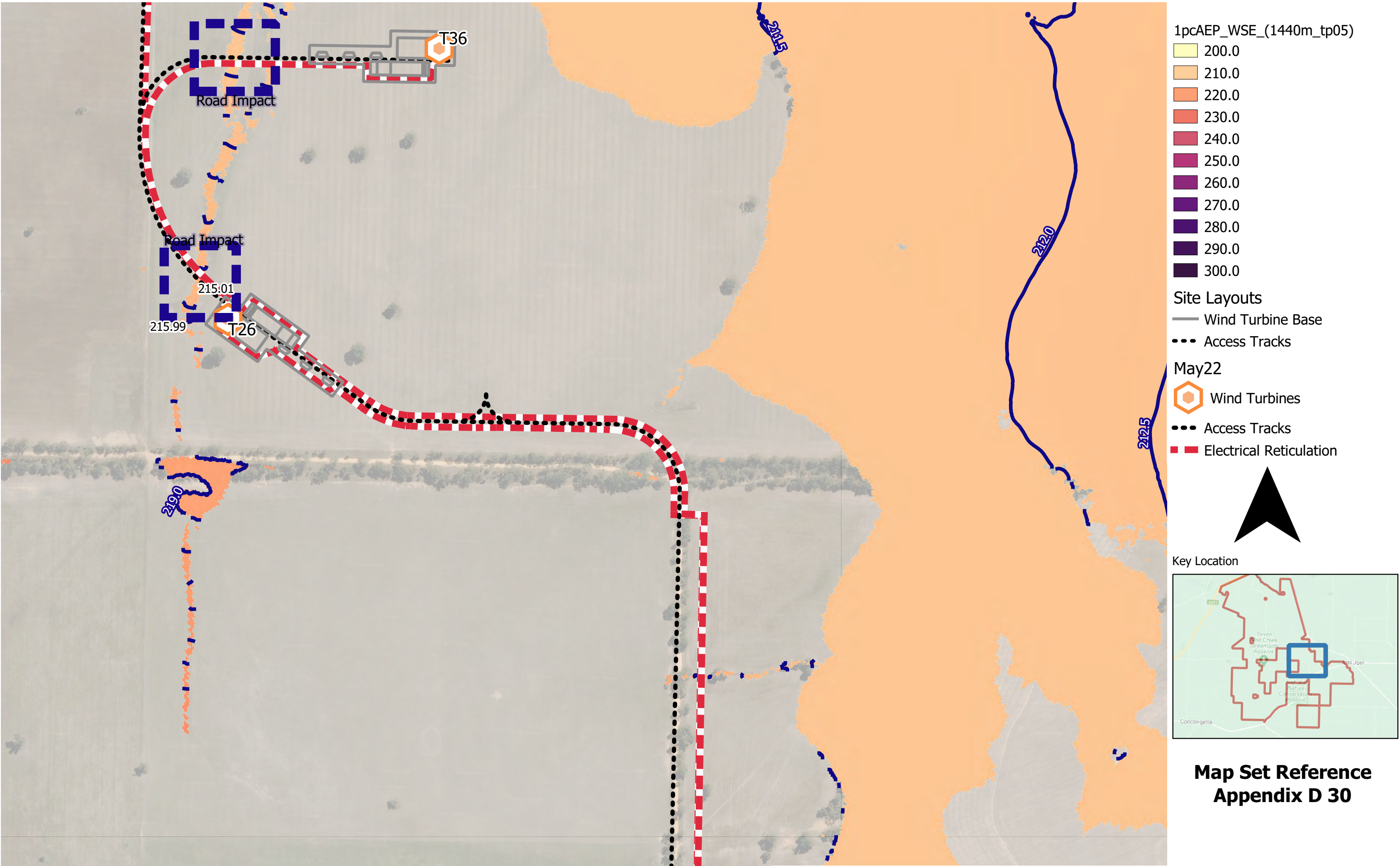
- Wind Turbines
- Access Tracks
- Electrical Reticulation



**Map Set Reference
Appendix D 29**

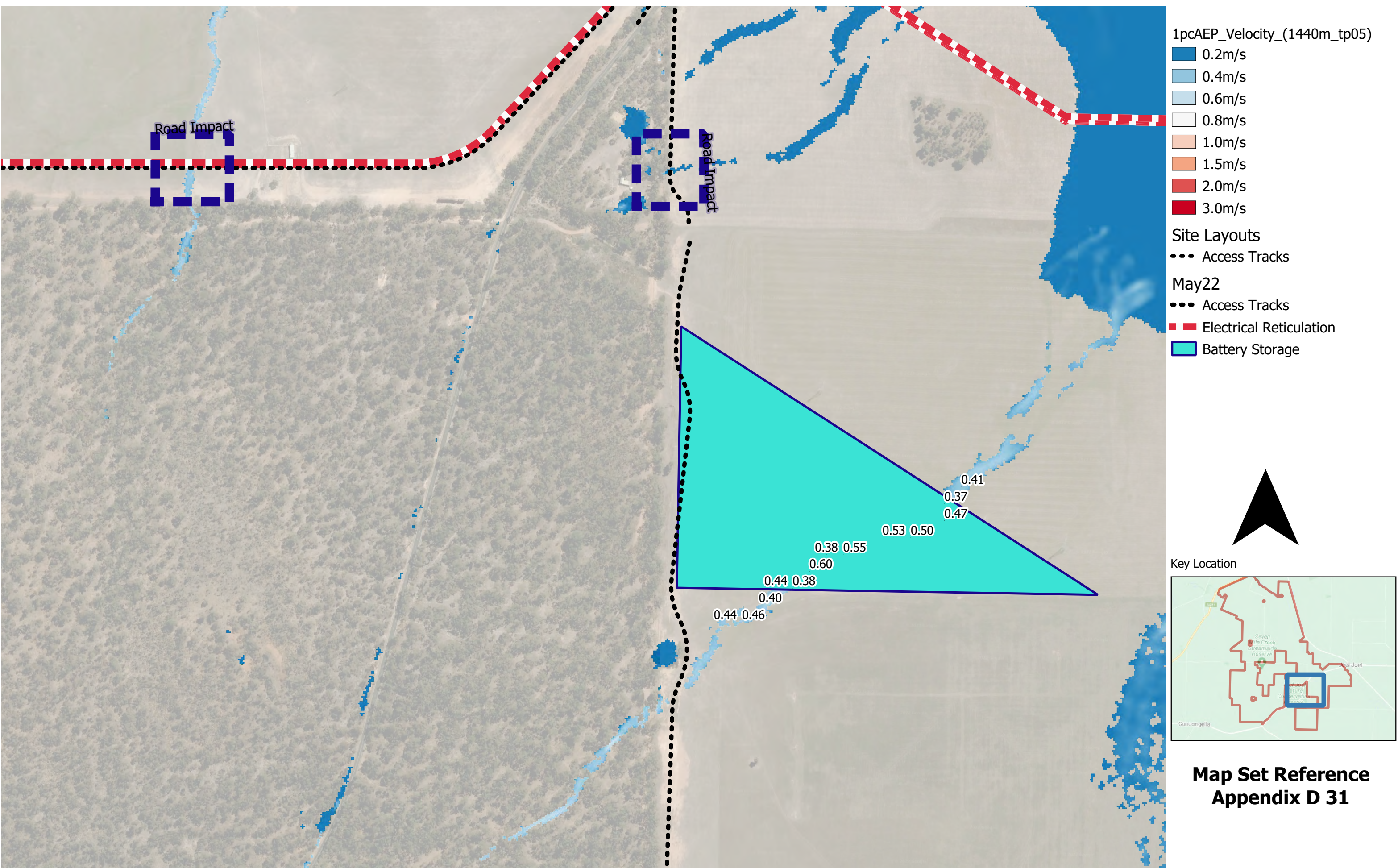
Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



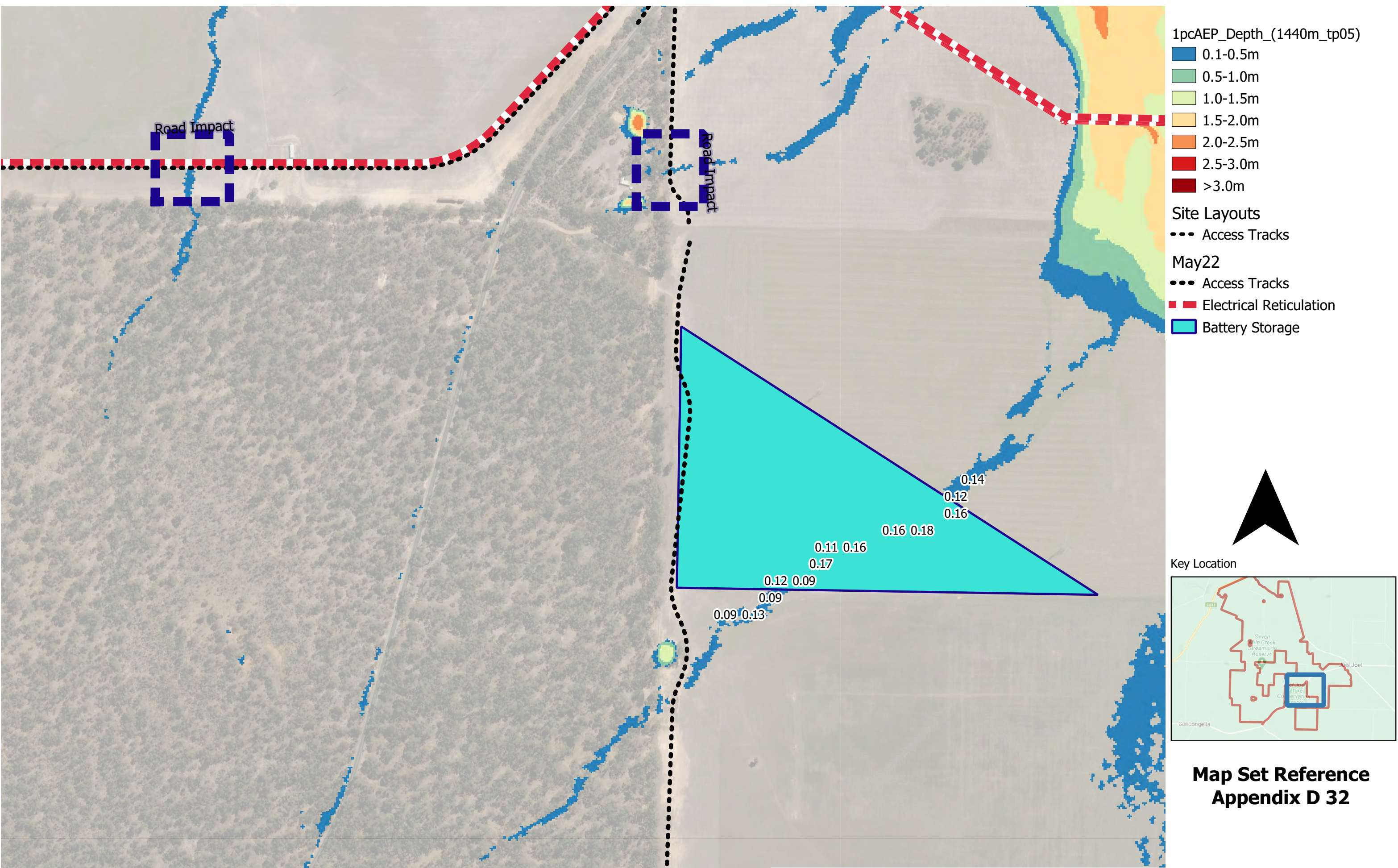
Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.flt, Google Satellite 2021, DesignLevels.shp

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



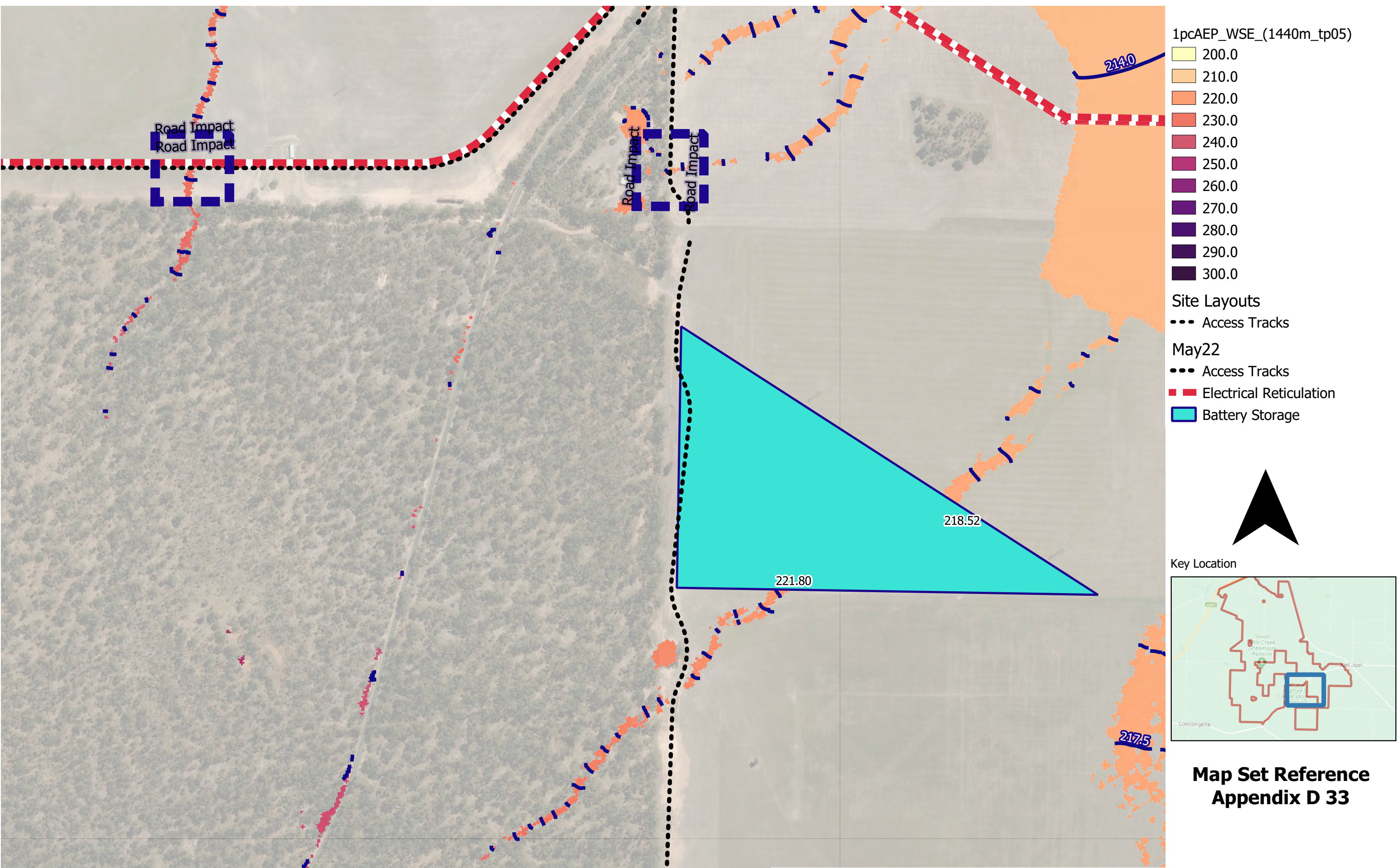
Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



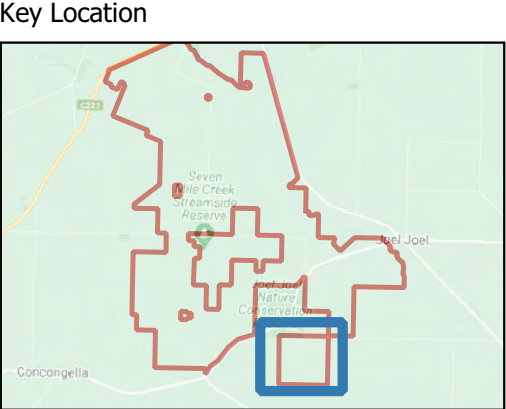
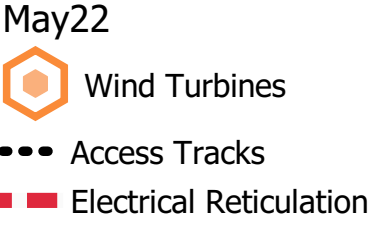
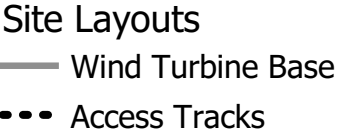
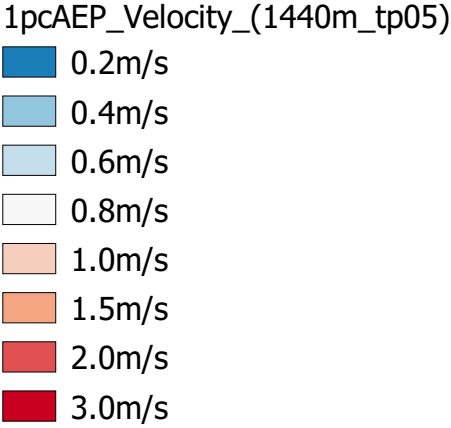
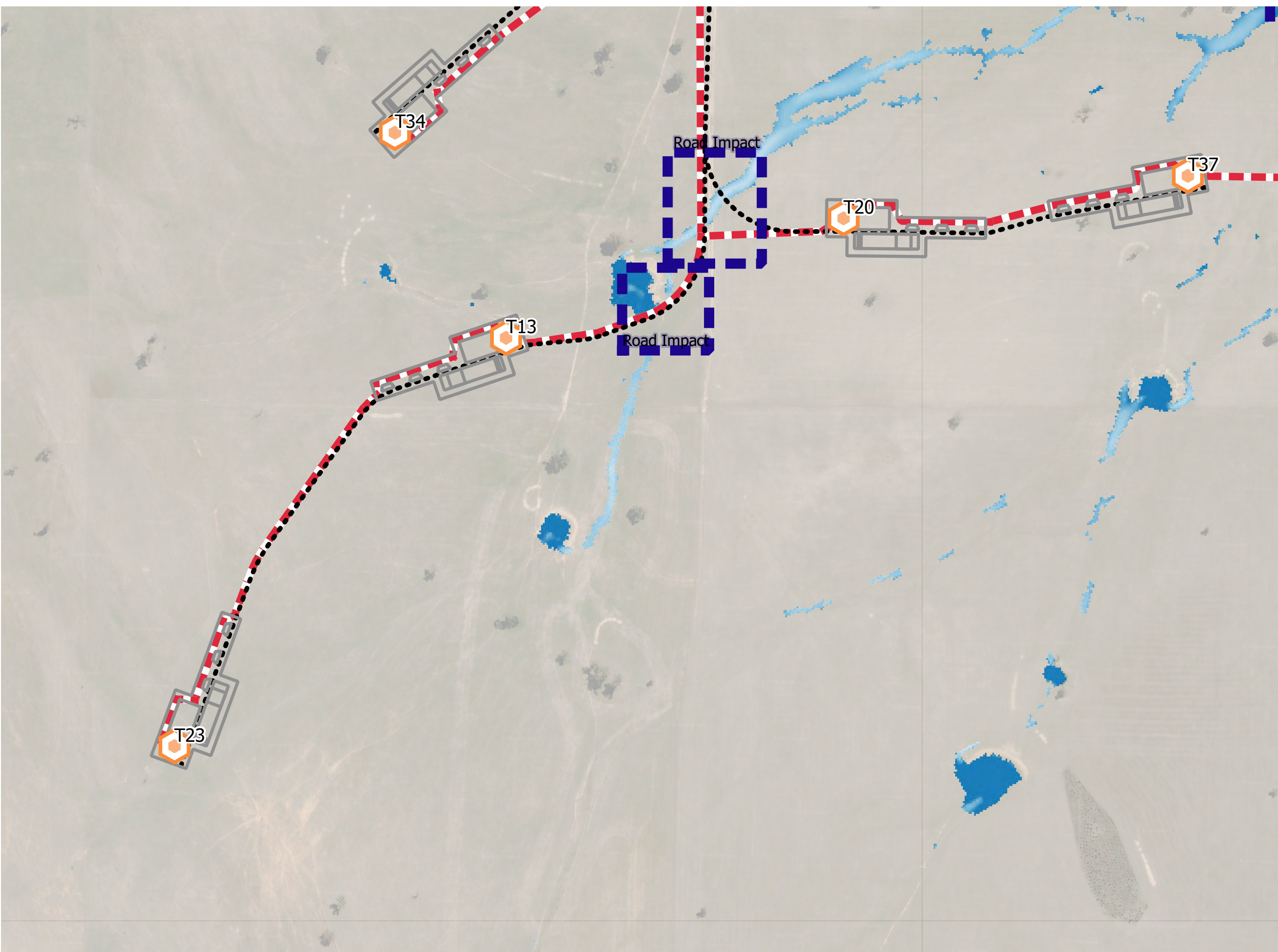
Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.ft, Google Satellite 2021, DesignLevels.shp

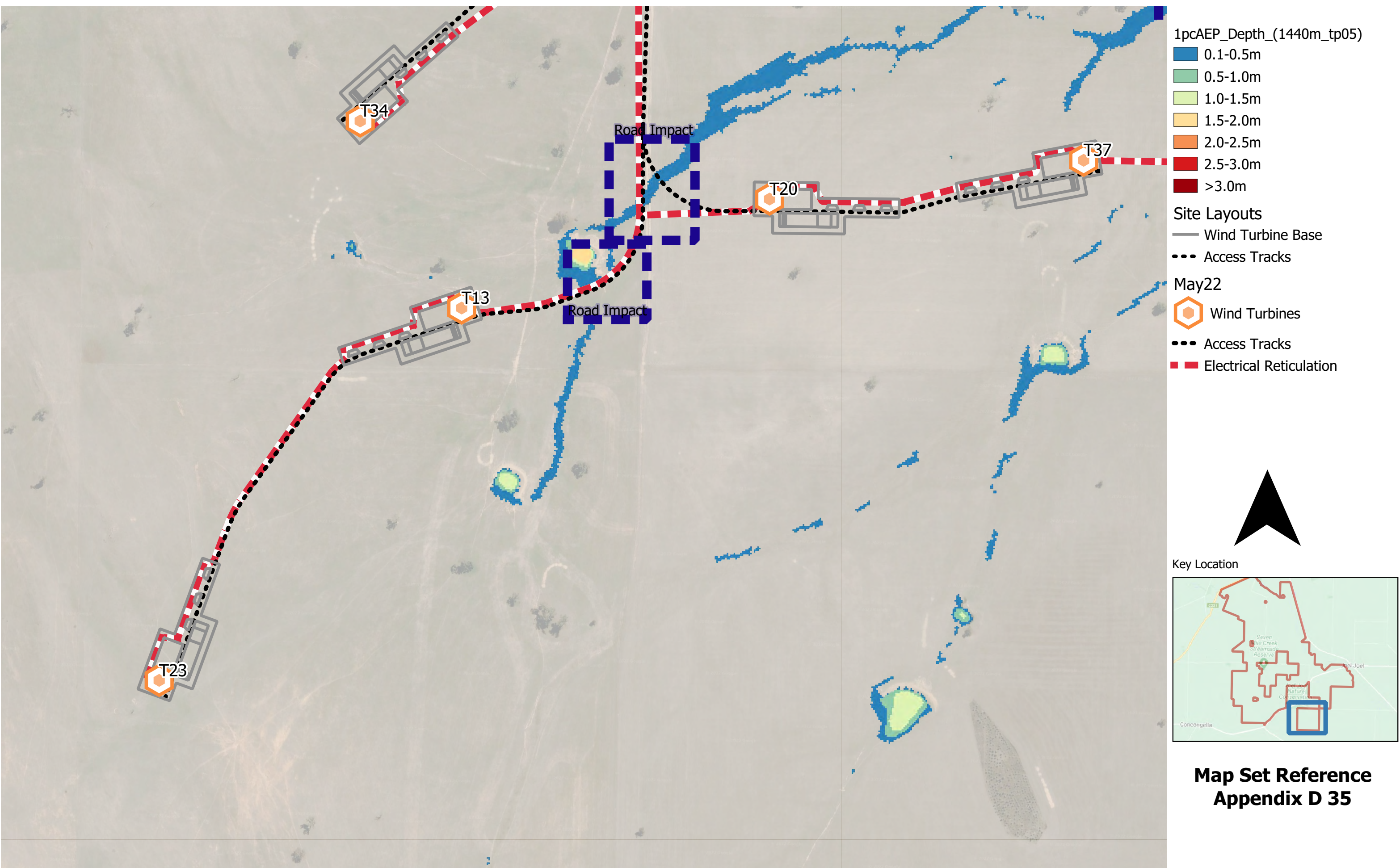
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



**Map Set Reference
Appendix D 34**

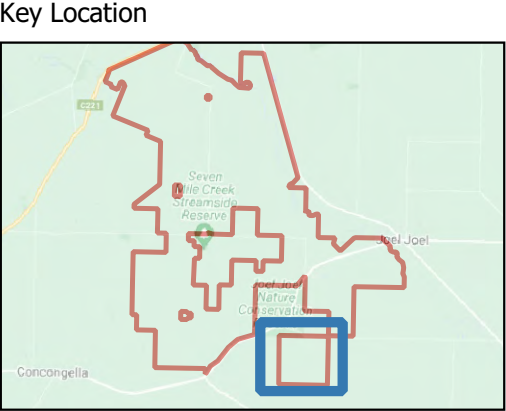
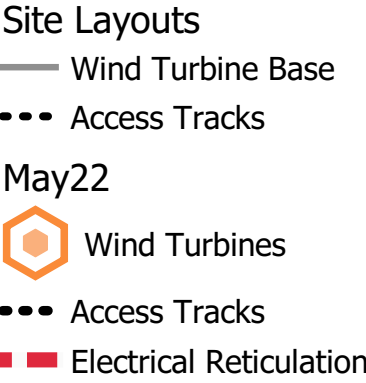
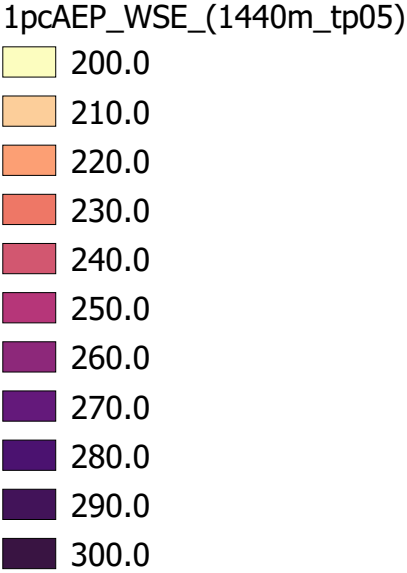
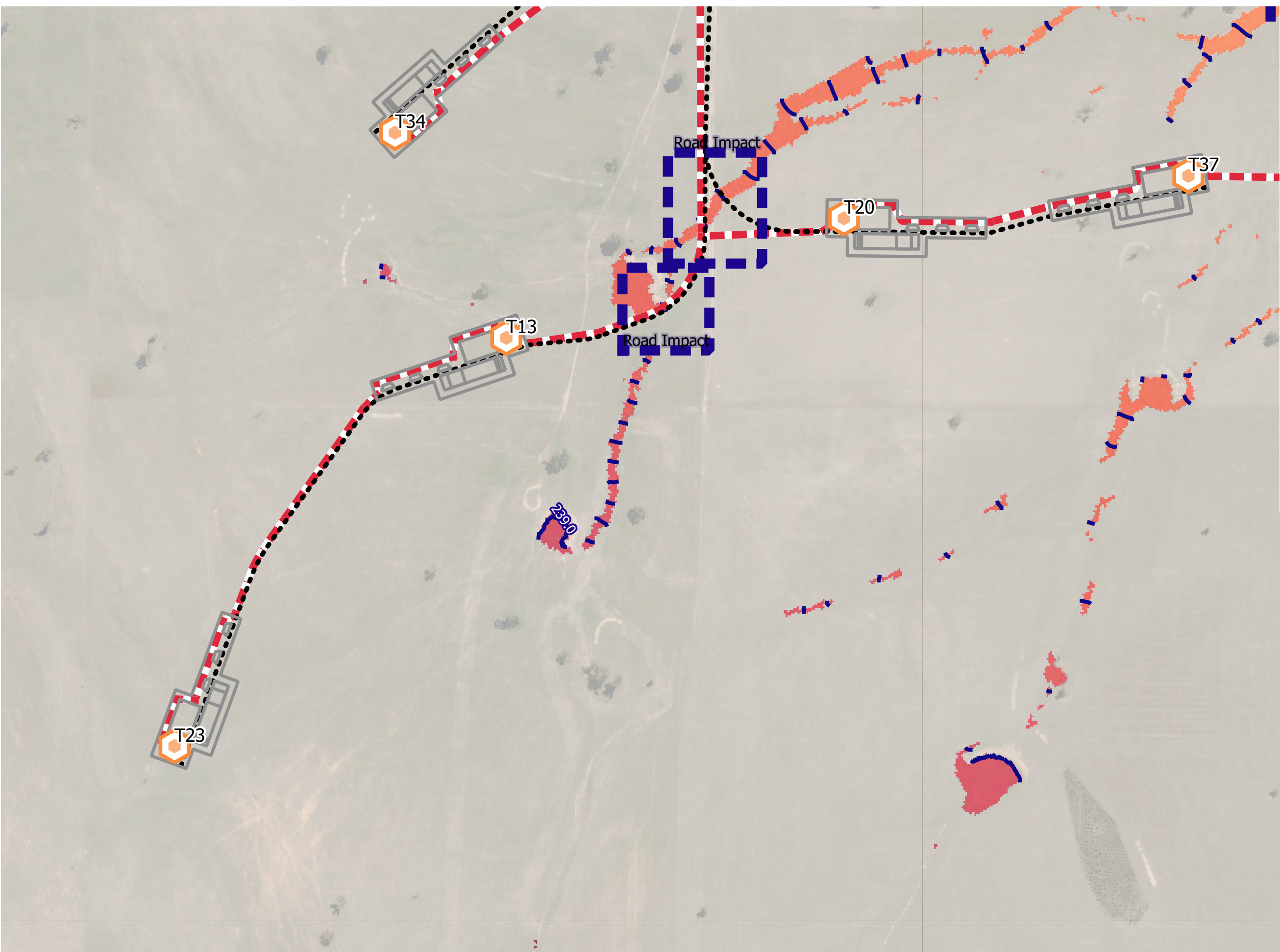
Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.flt, Google Satellite 2021

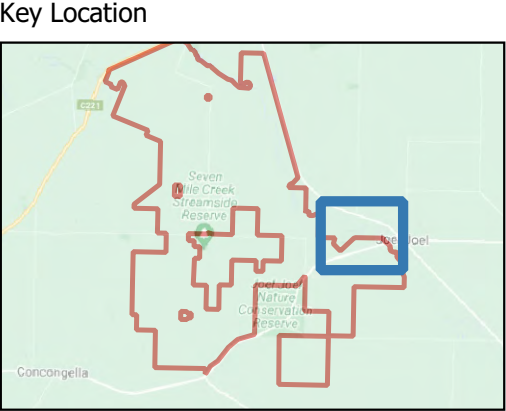
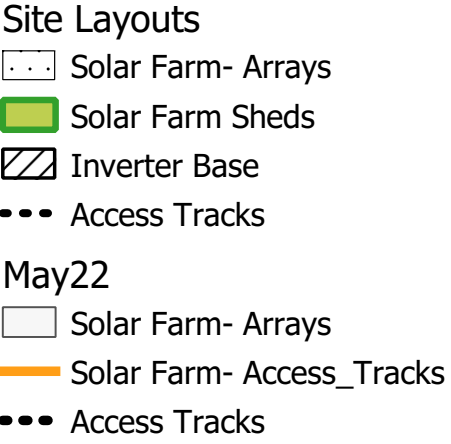
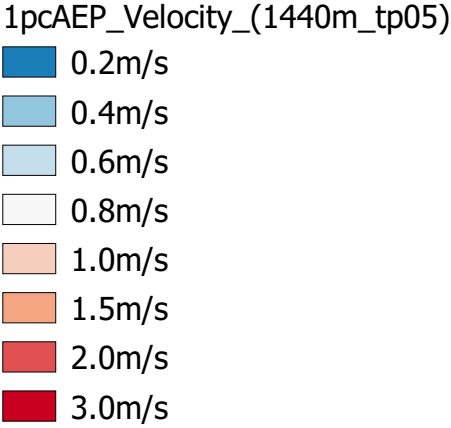
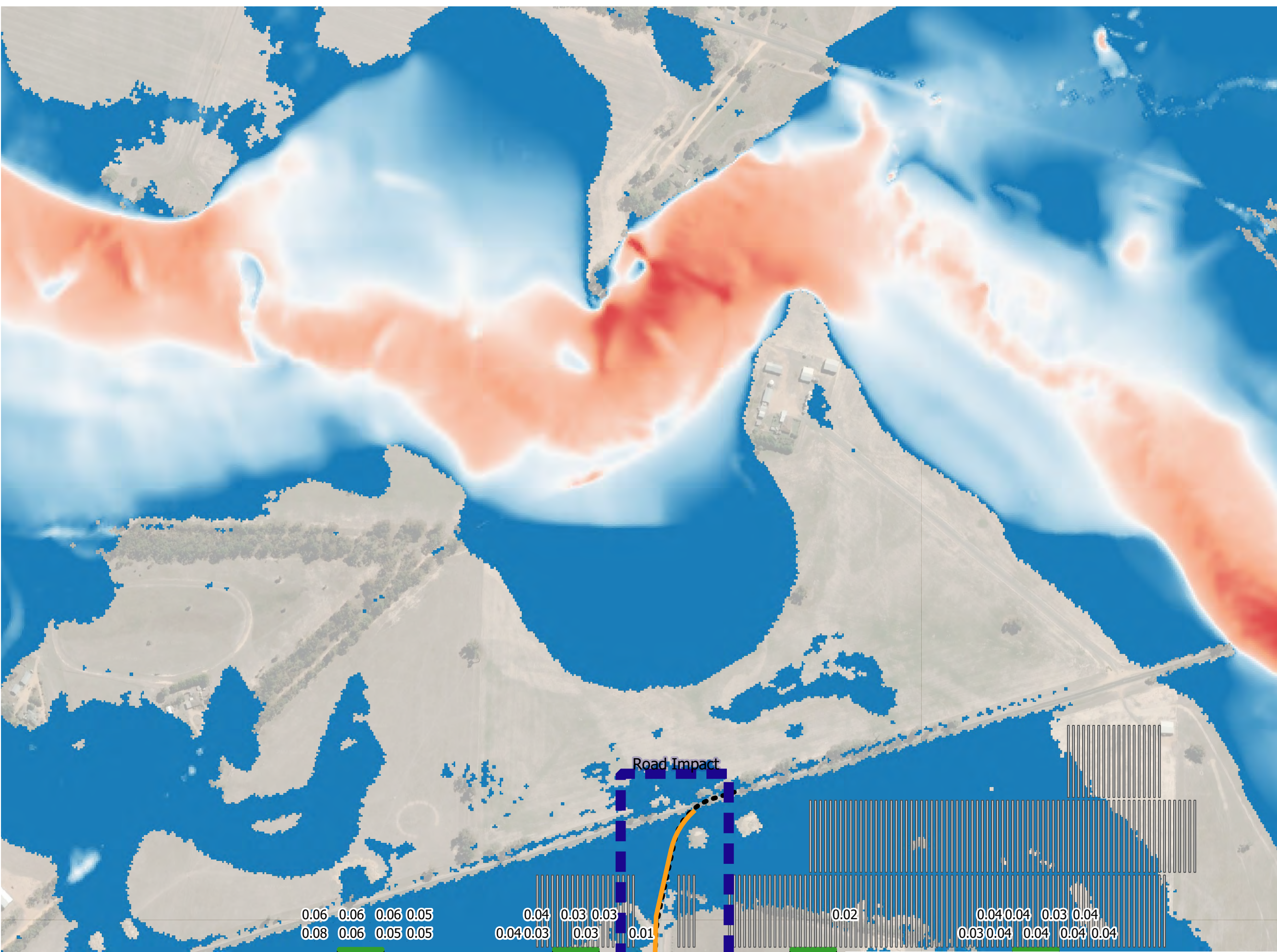
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



**Map Set Reference
Appendix D 36**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.ftt, Google Satellite 2021, DesignLevels.shp

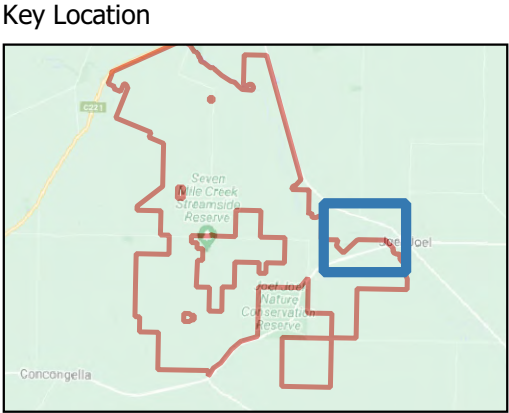
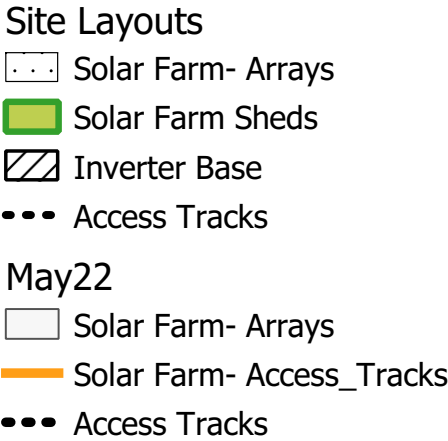
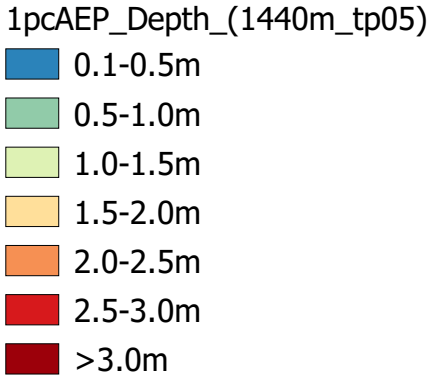
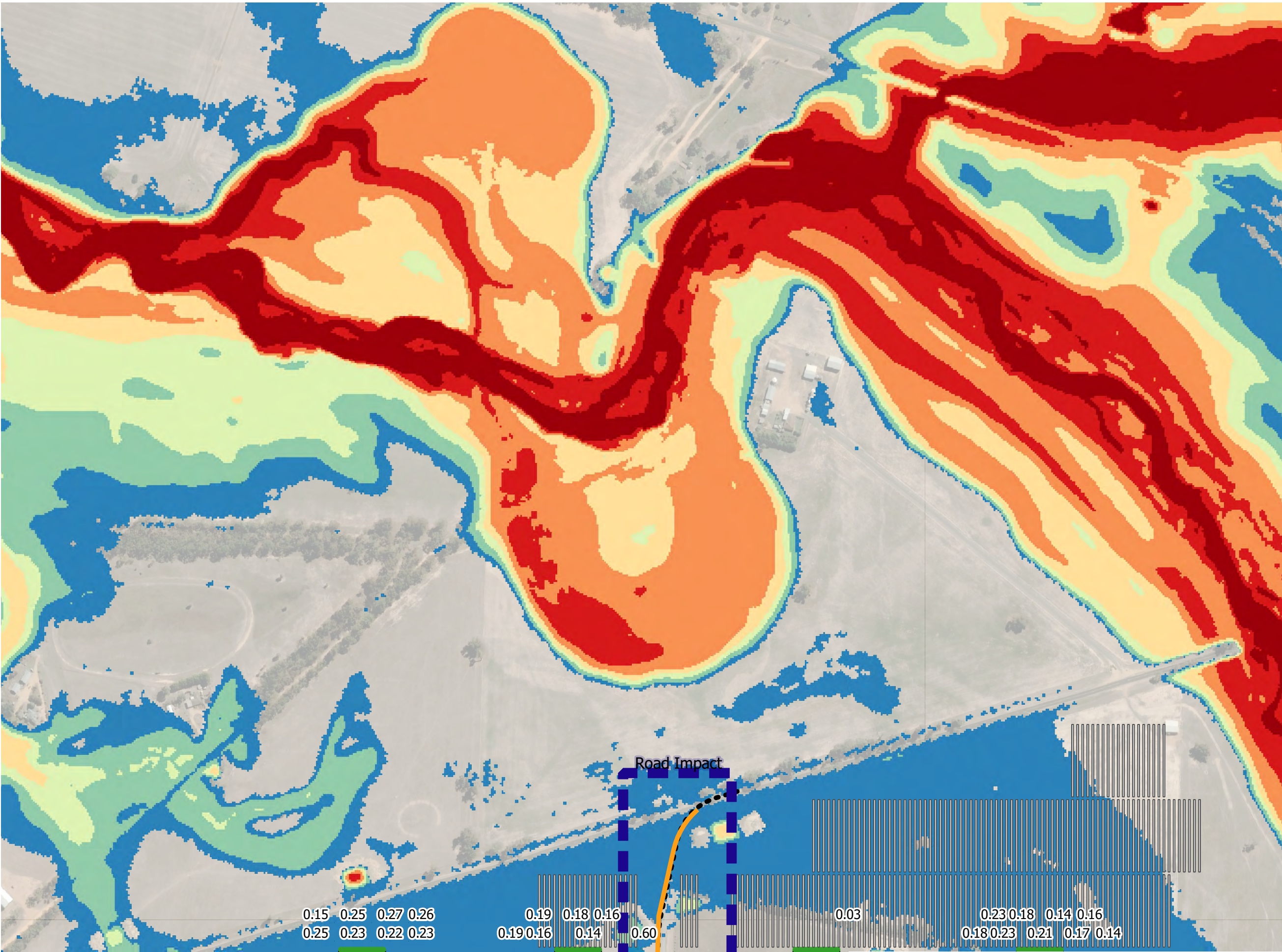
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



Map Set Reference
Appendix D 37

Source: JoelJoel_Dev2_01.0p_1440m_tp05_V_Max_filtered0.02.ftt, Google Satellite 2021

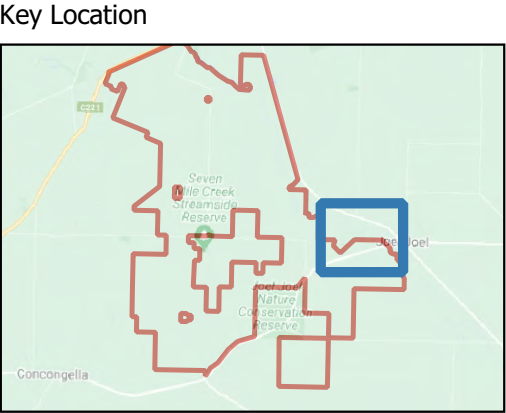
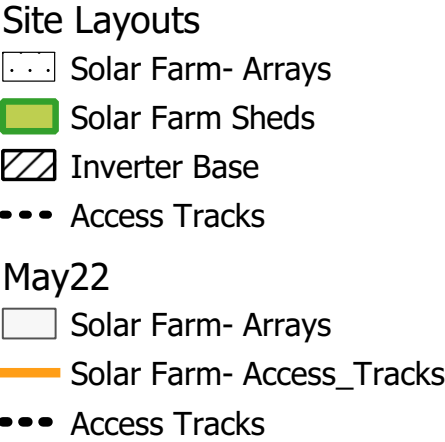
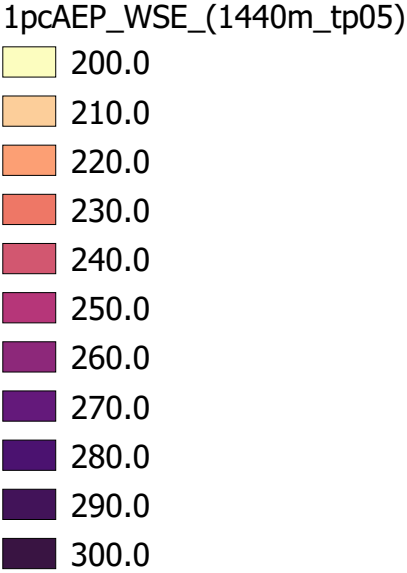
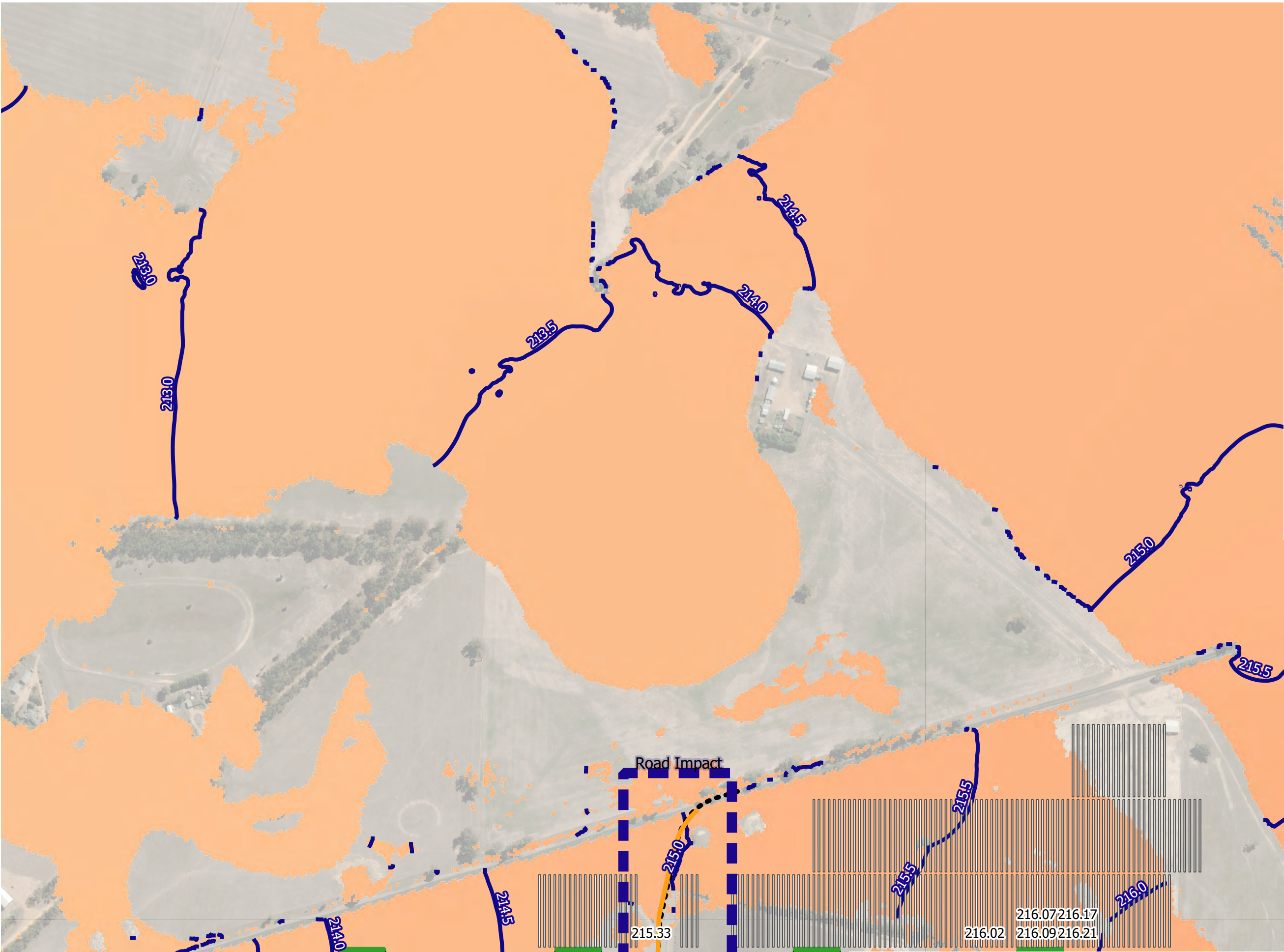
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



Map Set Reference
Appendix D 38

Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.ftt, Google Satellite 2021

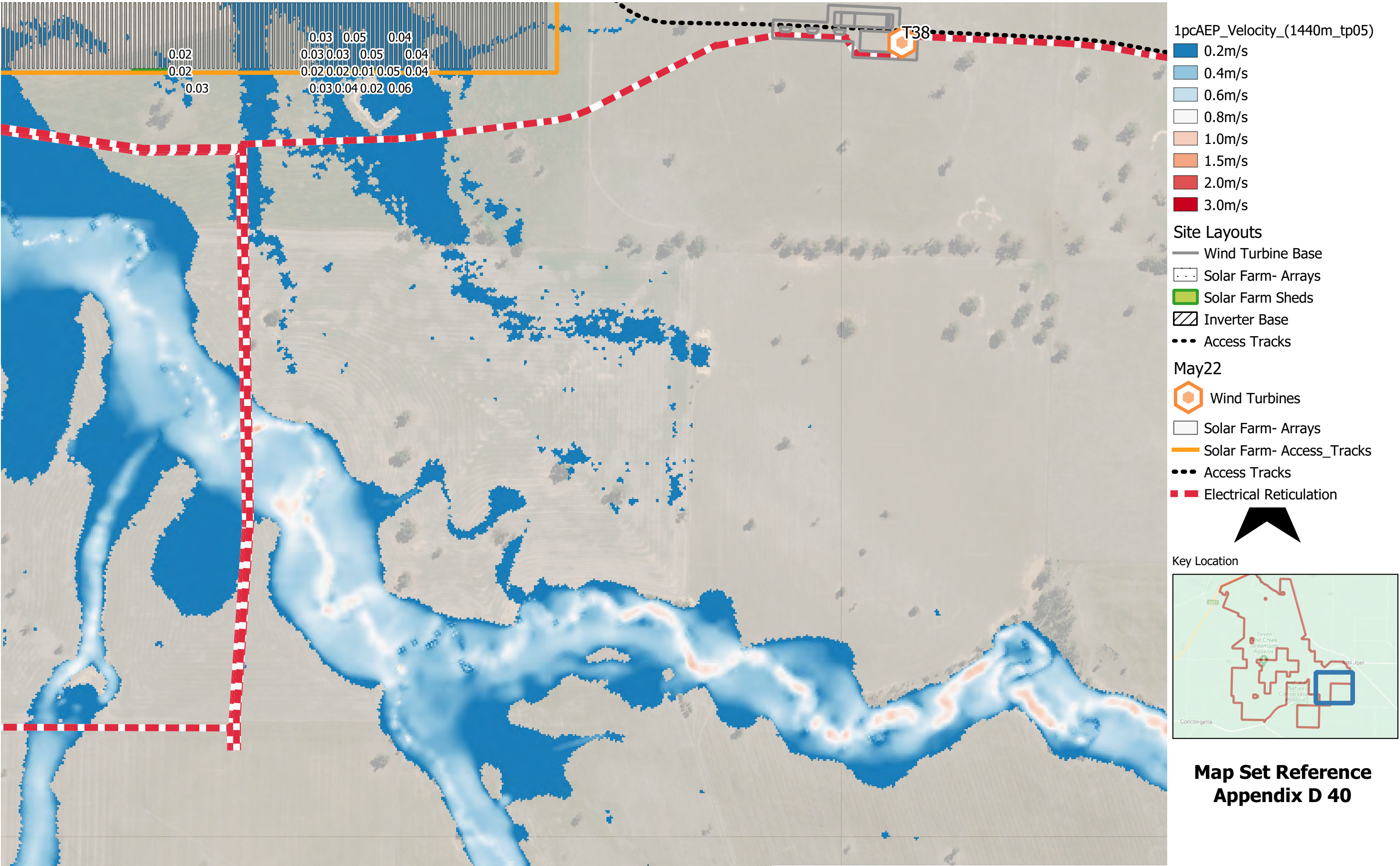
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flood Depth (m)



Map Set Reference
Appendix D 39

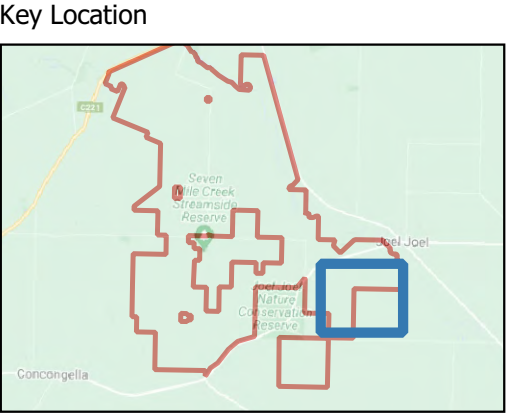
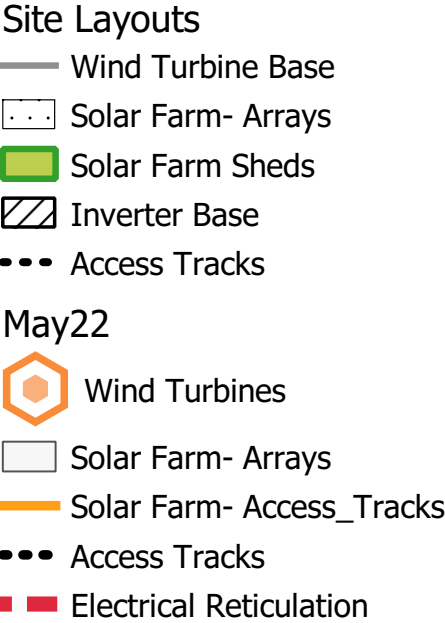
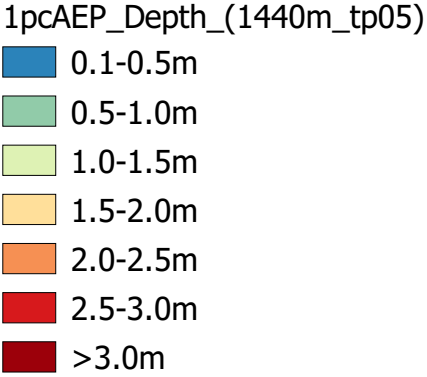
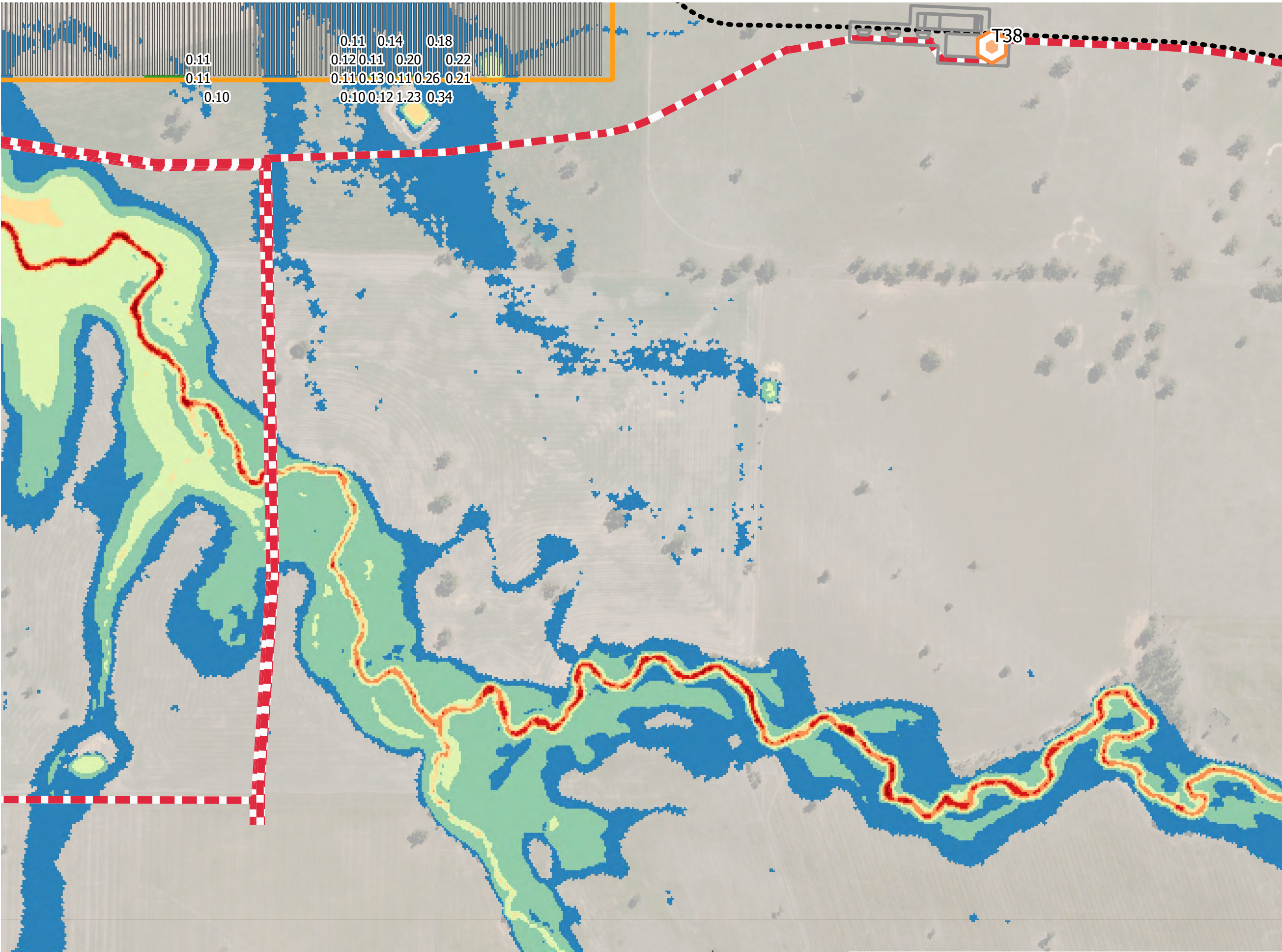
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WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)



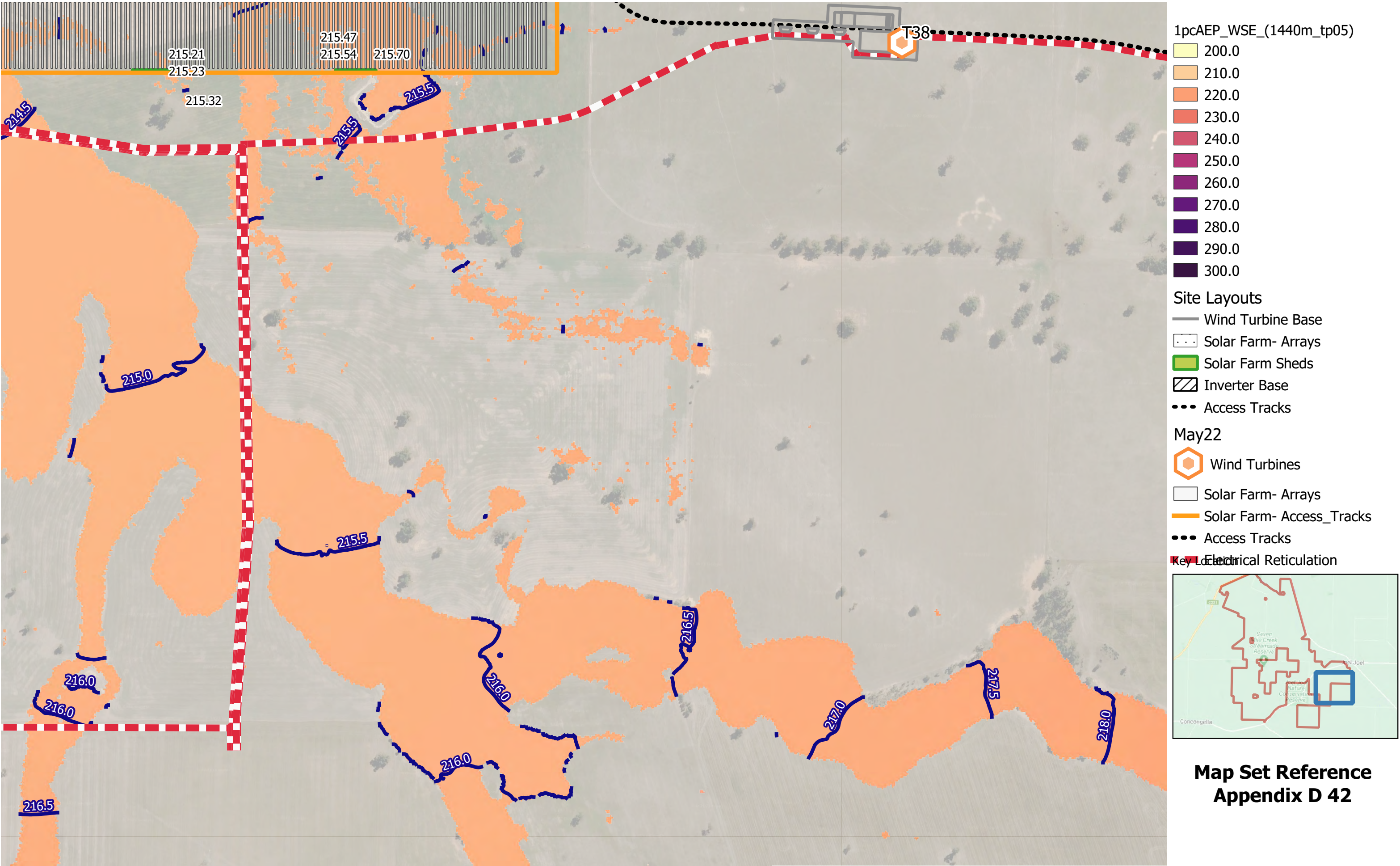
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WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 41**

Source: JoelJoel_Dev2_01.0p_1440m_tp05_d_Max_filtered0.02.flt, Google Satellite 2021



Source: JoelJoel_Dev2_01.0p_1440m_tp05_h_Max_filtered0.02.flt, Google Satellite 2021, DesignLevels.shp

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 1% AEP Water Surface Elevation and Design Levels (m AHD)