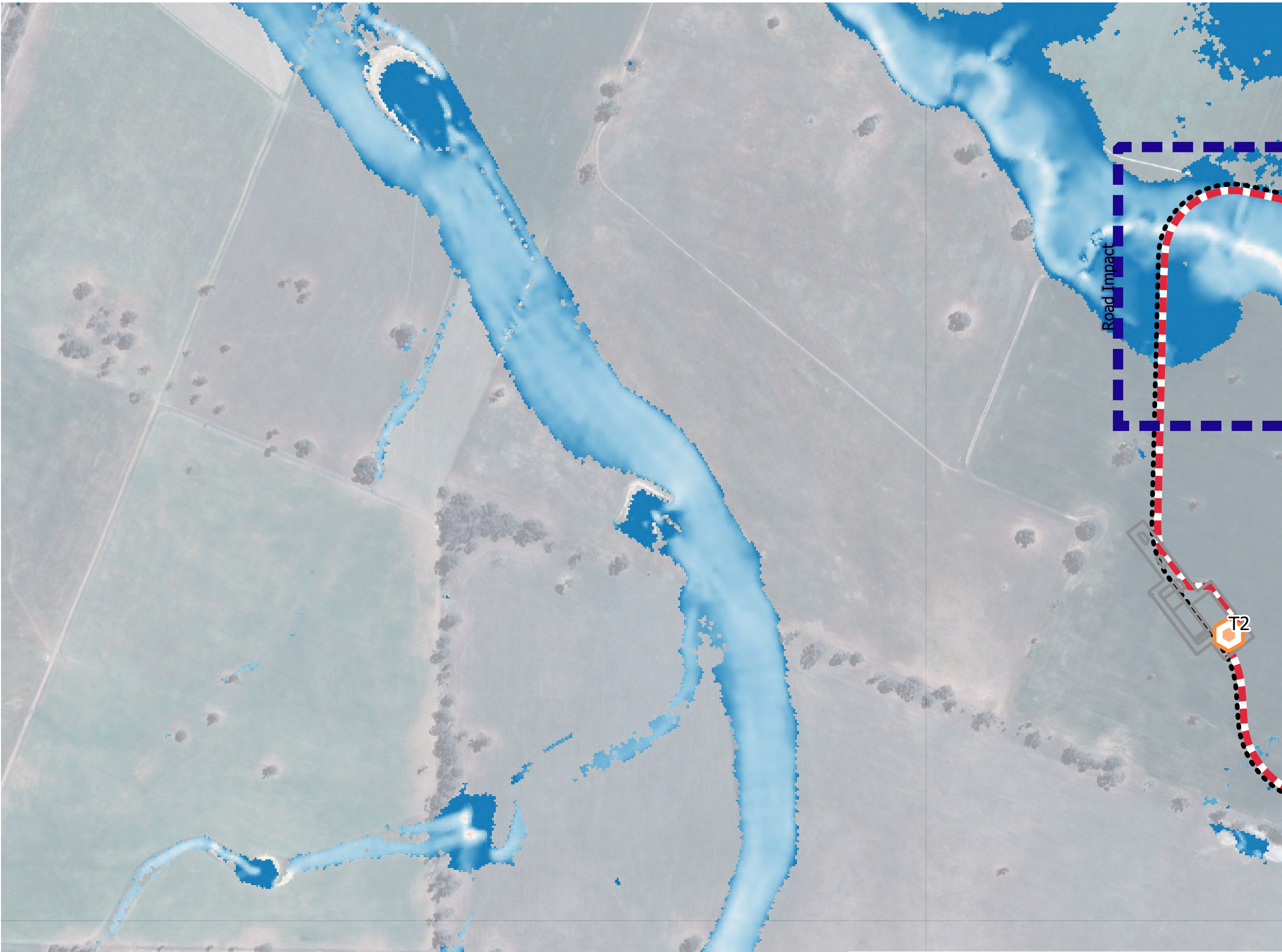

Appendix D - Figures (Flood extents)

Flood Maps. 10% AEP Results



10pcAEP_Velocity_(00060m_tp05)

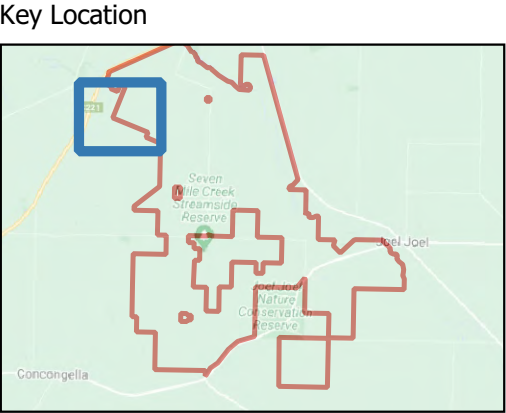
[Dark Blue]	0.2m/s
[Medium Blue]	0.4m/s
[Light Blue]	0.6m/s
[White]	0.8m/s
[Light Orange]	1.0m/s
[Orange]	1.5m/s
[Red-Orange]	2.0m/s
[Red]	3.0m/s

Site Layouts

- Wind Turbine Base
- - - Access Tracks

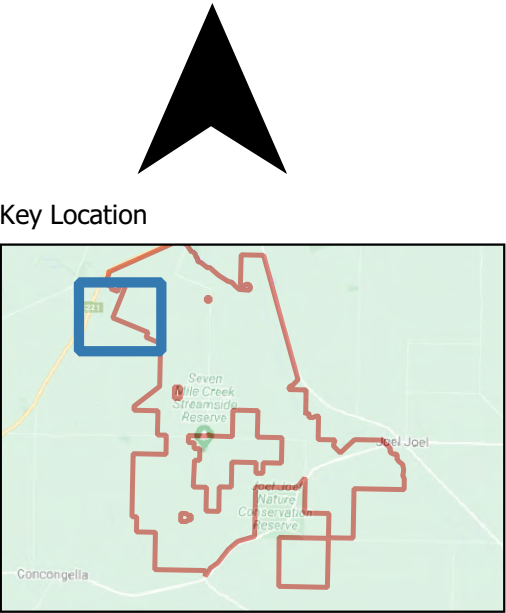
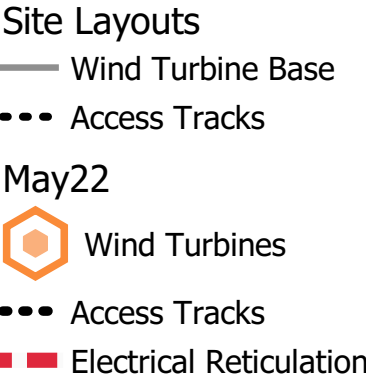
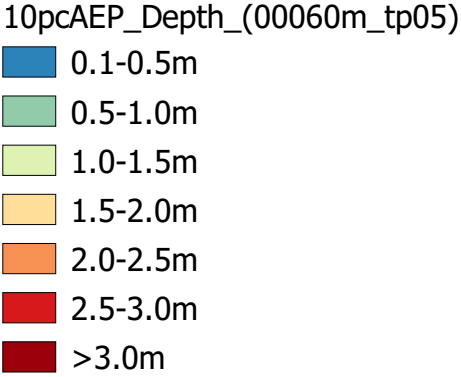
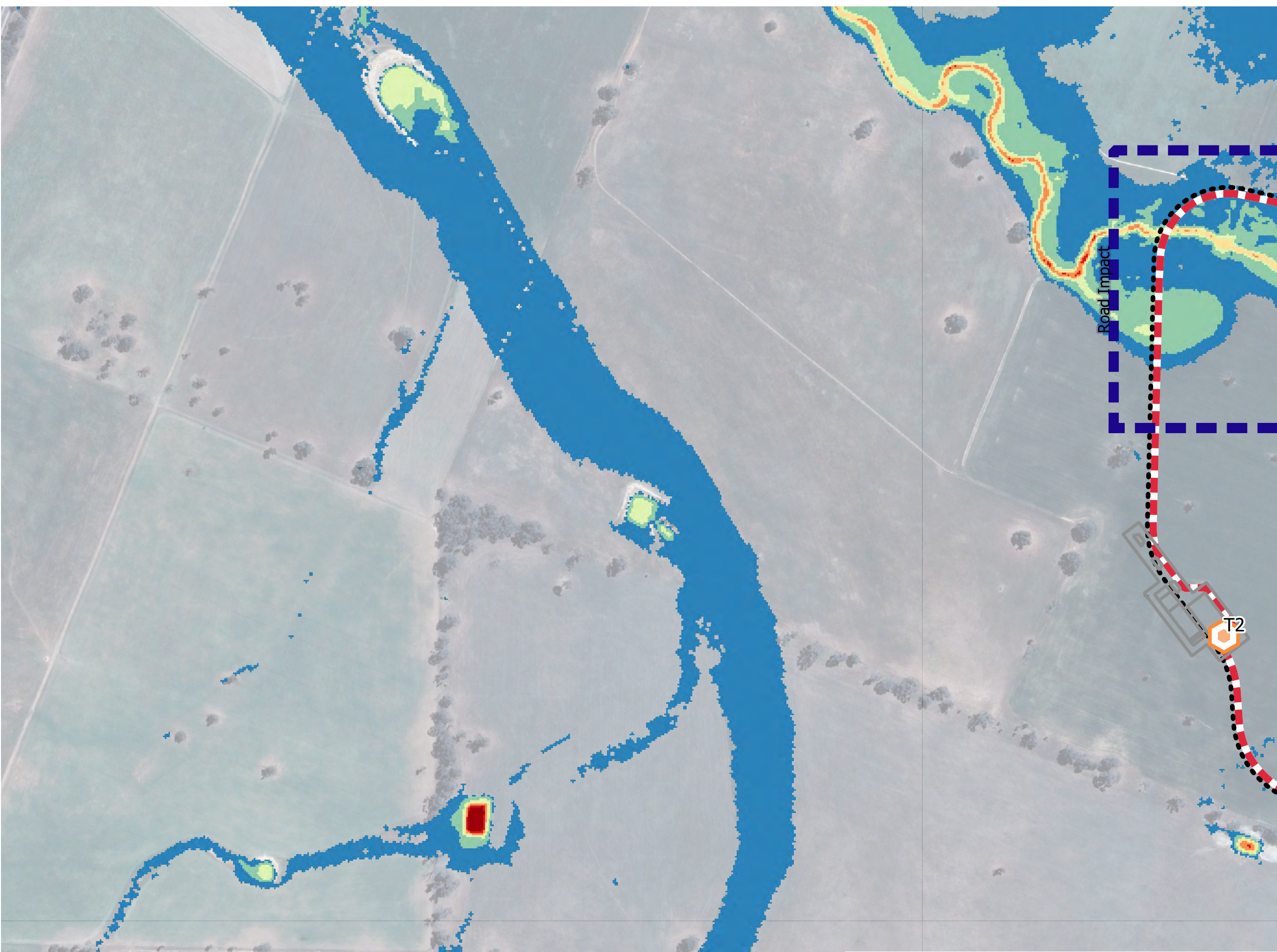
May22

- [Orange Hexagon] Wind Turbines
- - - Access Tracks
- [Red-White Checkered Line] Electrical Reticulation



**Map Set Reference
Appendix D 43**

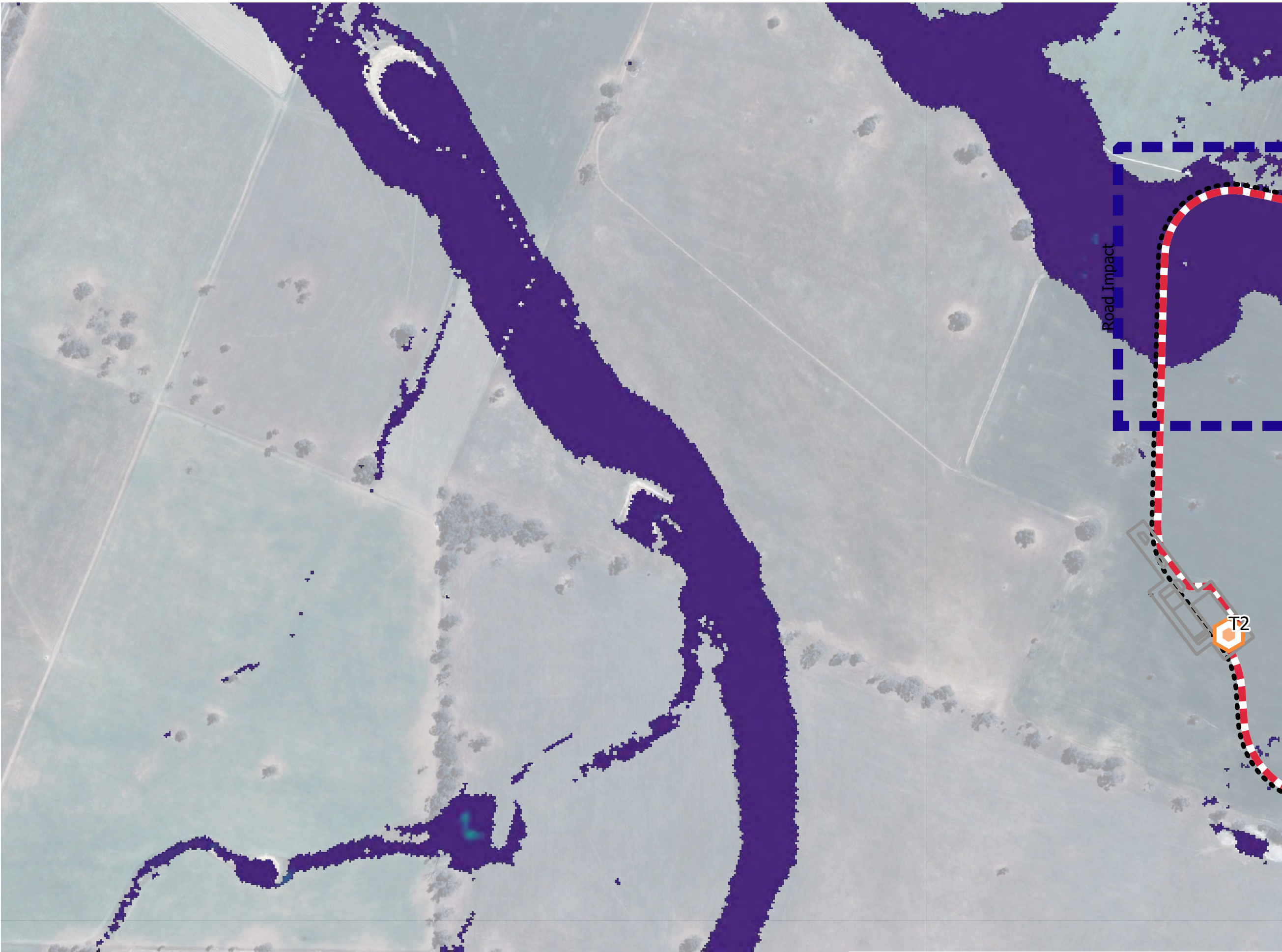
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021



Map Set Reference
Appendix D 44

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



10pcAEP_BSS_(00060m_tp05)

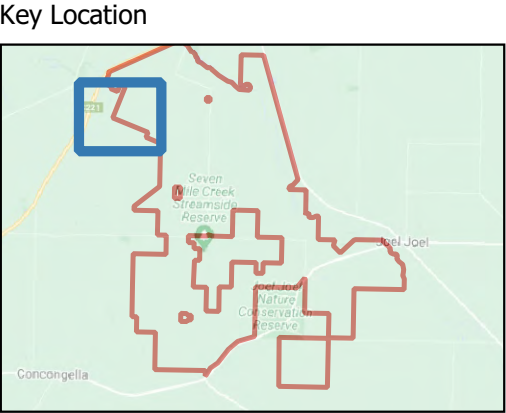
- 0-20 N/m2
- 20-40 N/m2
- 40-60 N/m2
- 60-80 N/m2
- 80-100 N/m2
- 100-120 N/m2
- 120- 140 N/m2
- 140- 160 N/m2
- 160- 180 N/m2

Site Layouts

- Wind Turbine Base
- Access Tracks

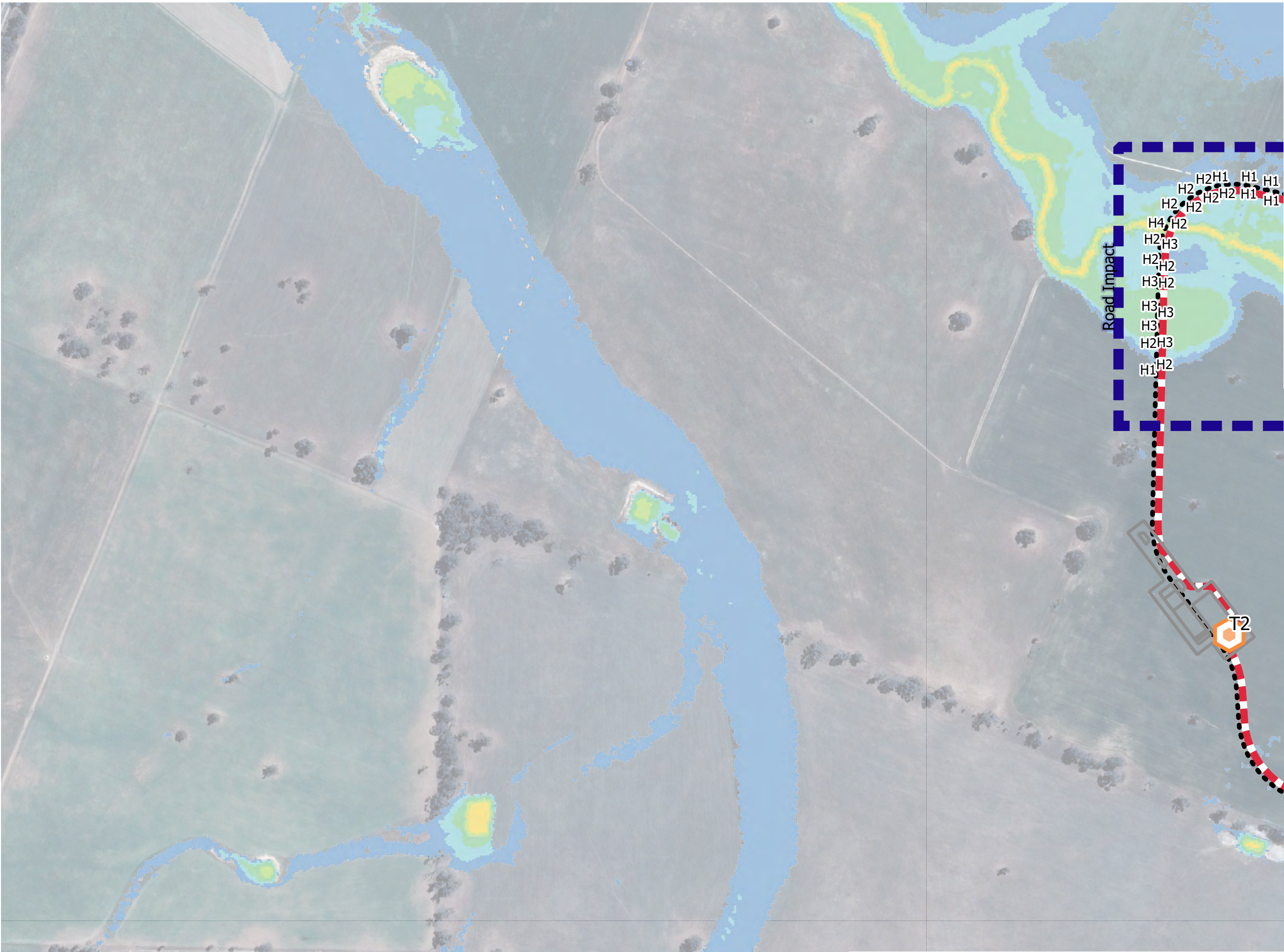
May22

- Wind Turbines
- Access Tracks
- Electrical Reticulation



**Map Set Reference
Appendix D 45**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021



10pcAEP_Hazard_(00060m_tp05)

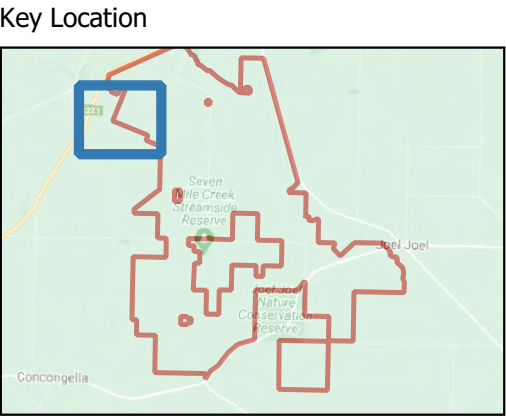
[Blue Box]	H1
[Light Blue Box]	H2
[Green Box]	H3
[Light Green Box]	H4
[Yellow Box]	H5
[Pink Box]	H6

Site Layouts

- Wind Turbine Base
- ... Access Tracks

May22

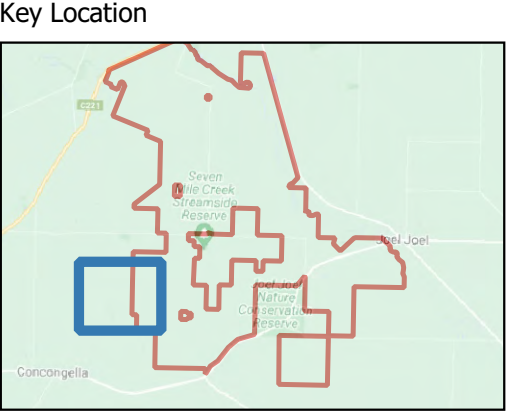
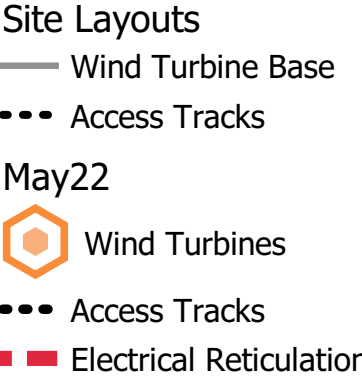
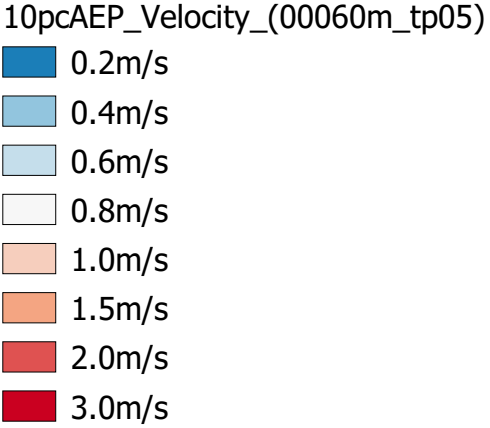
- [Orange Hexagon] Wind Turbines
- ... Access Tracks
- [Red Line] Electrical Reticulation



**Map Set Reference
Appendix D 46**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1



Map Set Reference
Appendix D 47

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

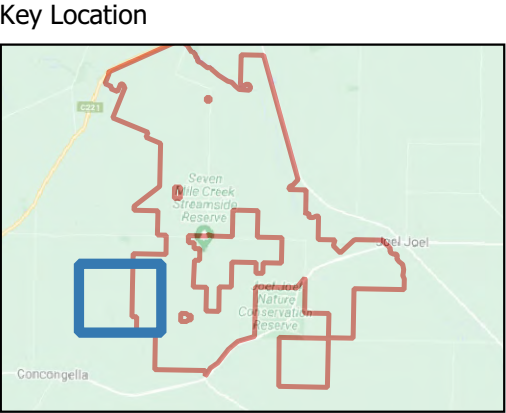
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



- 10pcAEP_Depth_(00060m_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

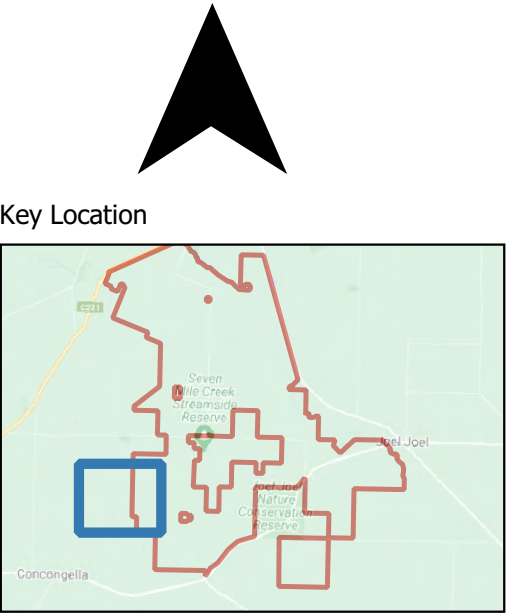
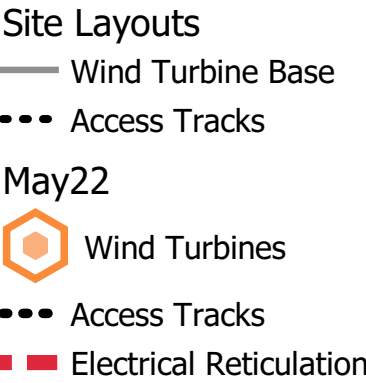
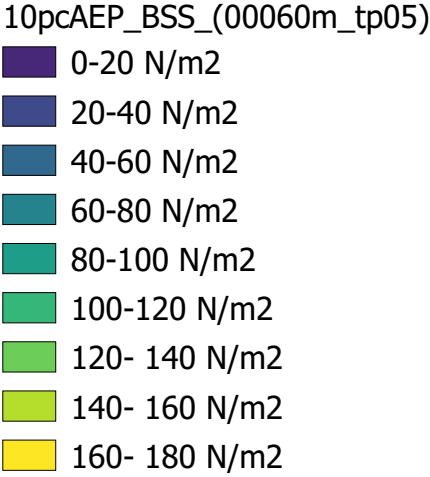
- May22
- Wind Turbines
 - Access Tracks
 - Electrical Reticulation



**Map Set Reference
Appendix D 48**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



Map Set Reference
Appendix D 49

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

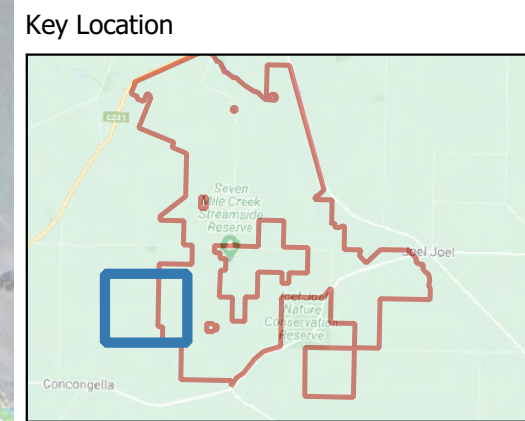
- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

- Wind Turbine Base
- Access Tracks

May22

- Wind Turbines
- Access Tracks
- Electrical Reticulation



**Map Set Reference
Appendix D 50**

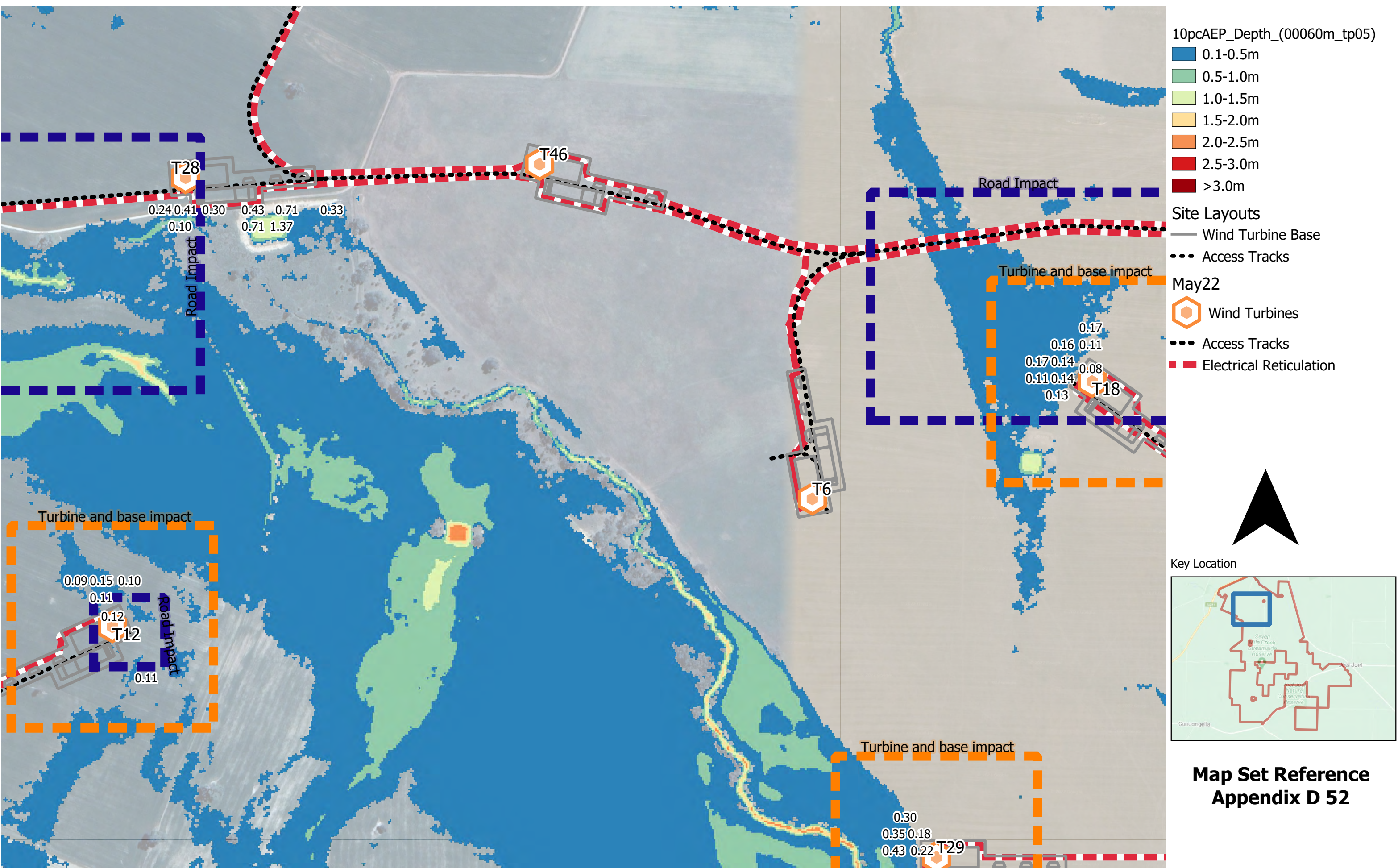
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
 Potential Impact (REV May 2022)- 10% AEP ZAEM1



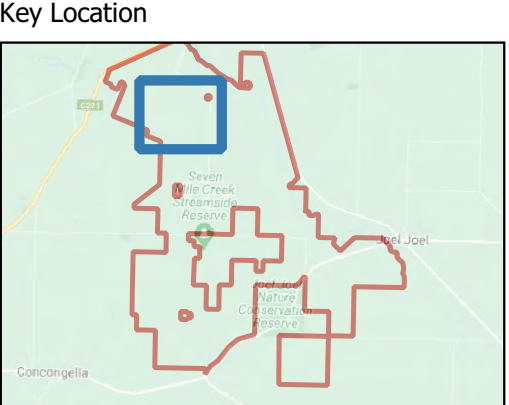
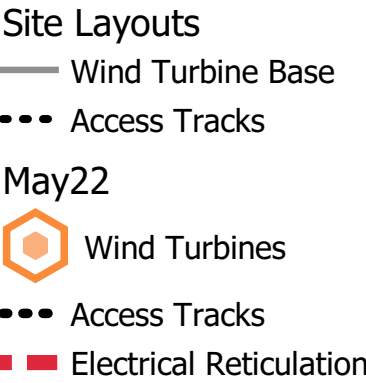
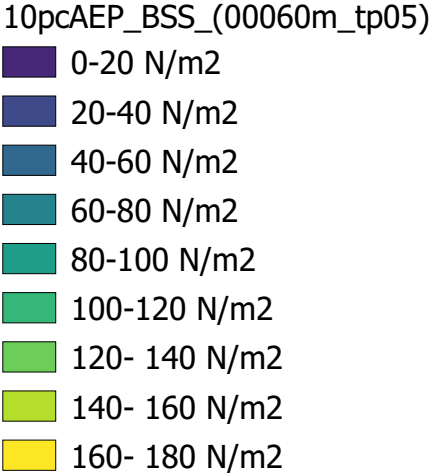
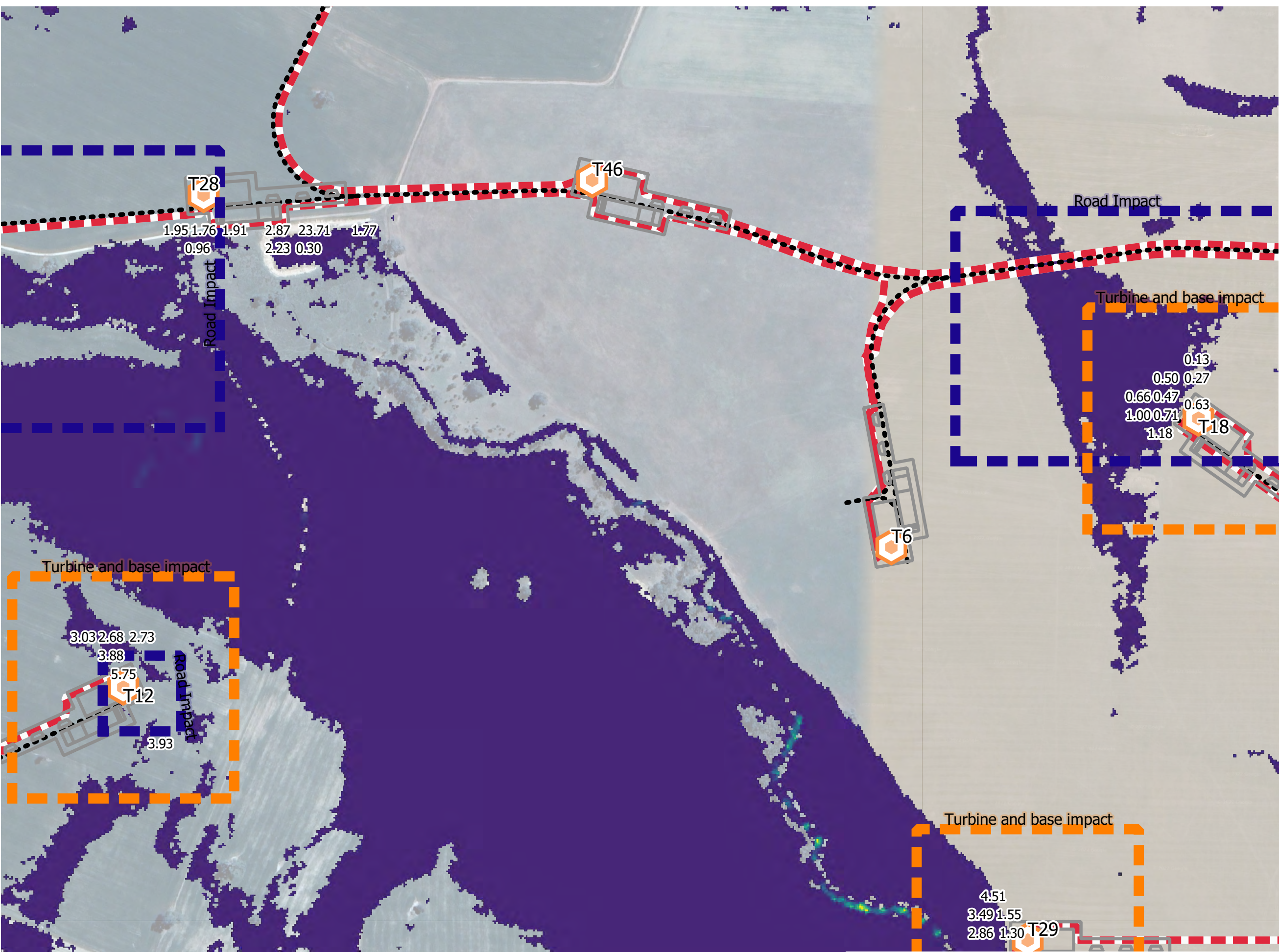
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



**Map Set Reference
Appendix D 53**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

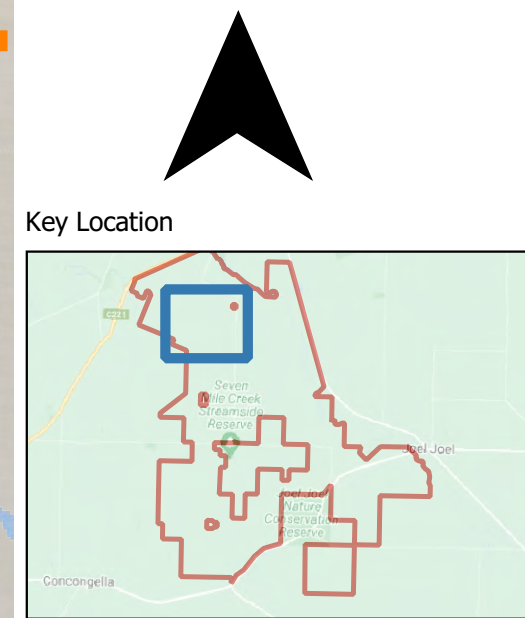
- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

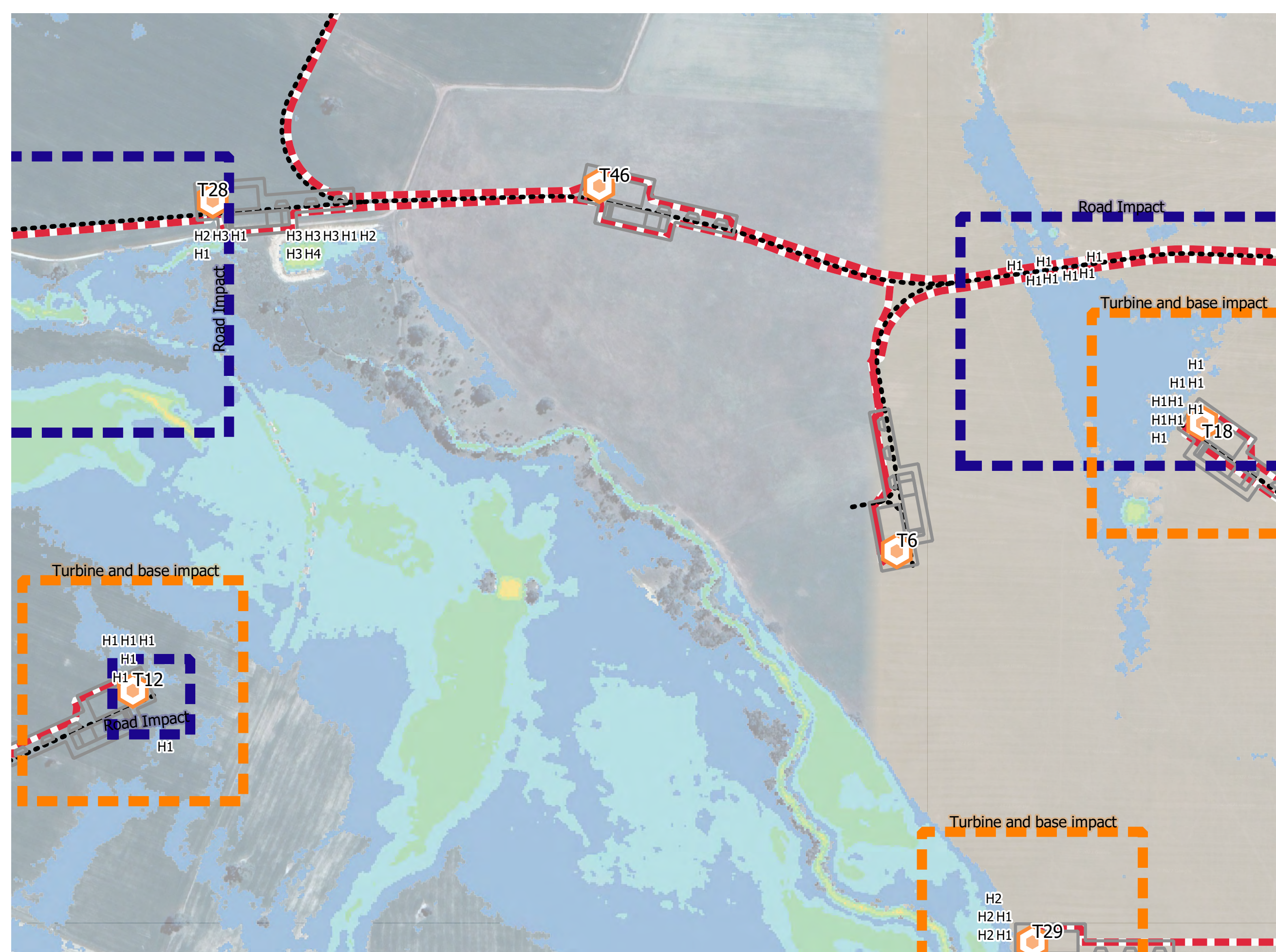
- Wind Turbine Base
- Access Tracks

May22

- Wind Turbines
- Access Tracks
- Electrical Reticulation

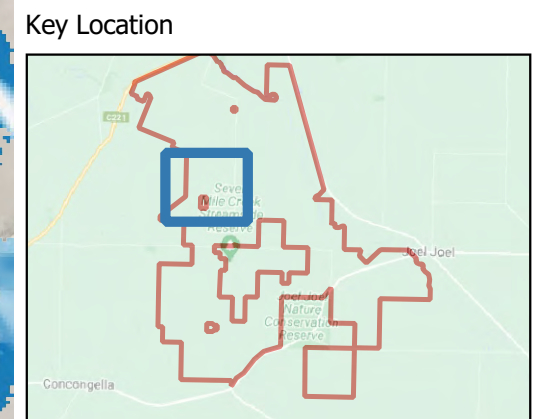
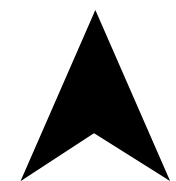
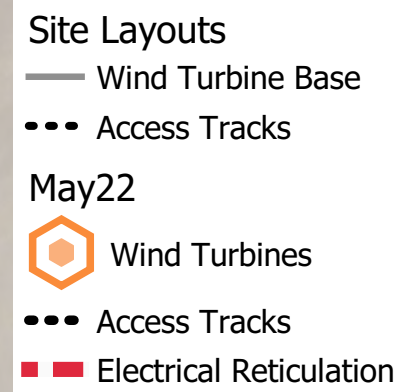
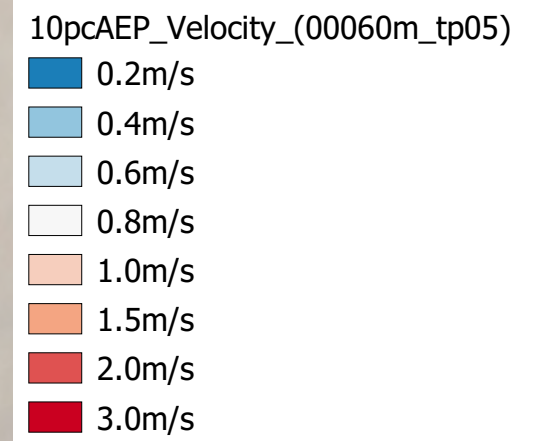


**Map Set Reference
Appendix D 54**

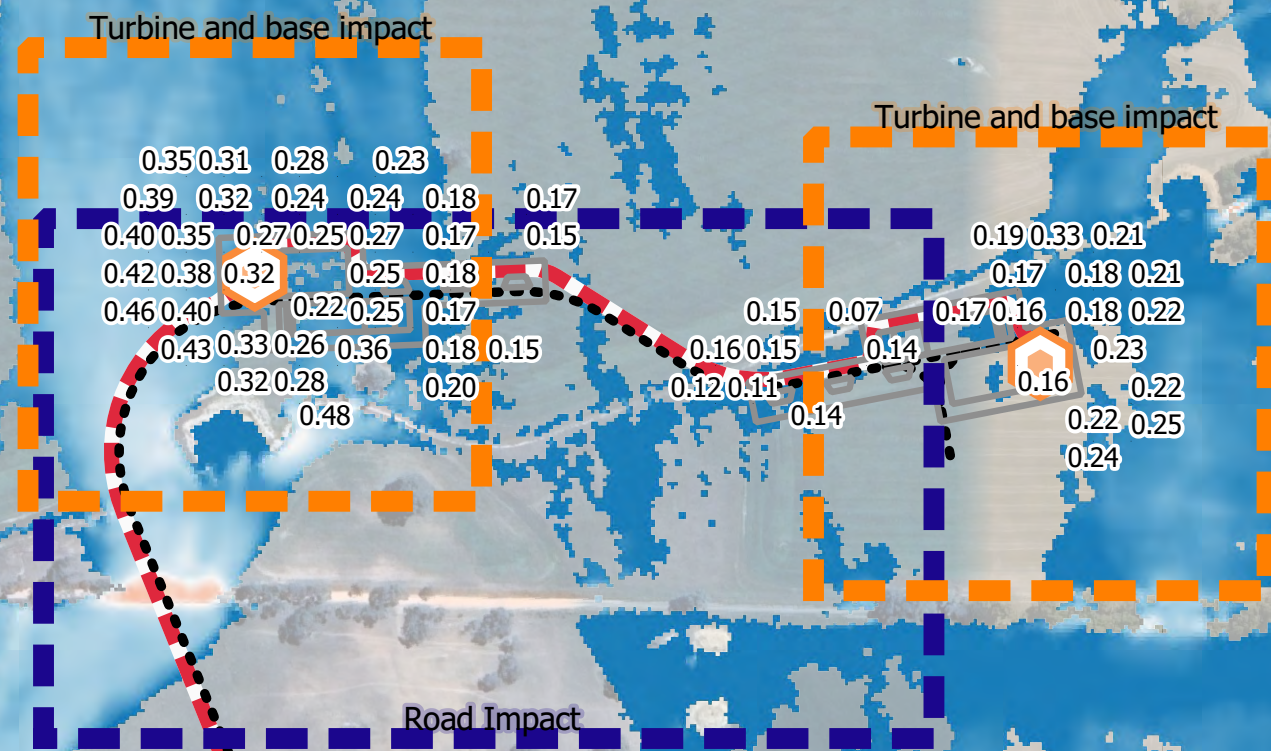


Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
 Potential Impact (REV May 2022)- 10% AEP ZAEM1

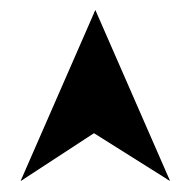
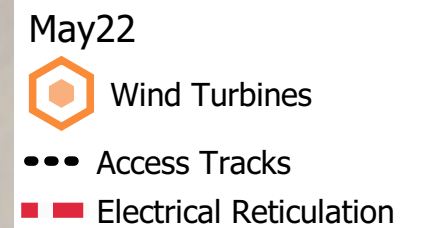
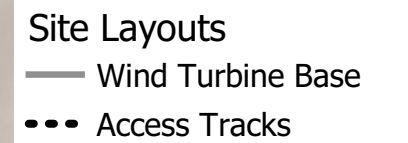
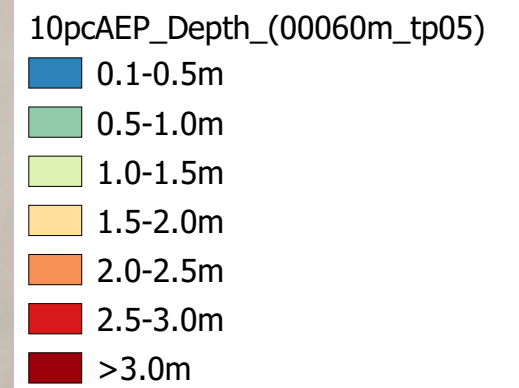


**Map Set Reference
Appendix D 55**

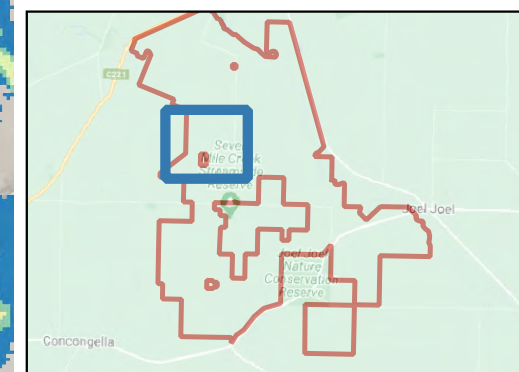


Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

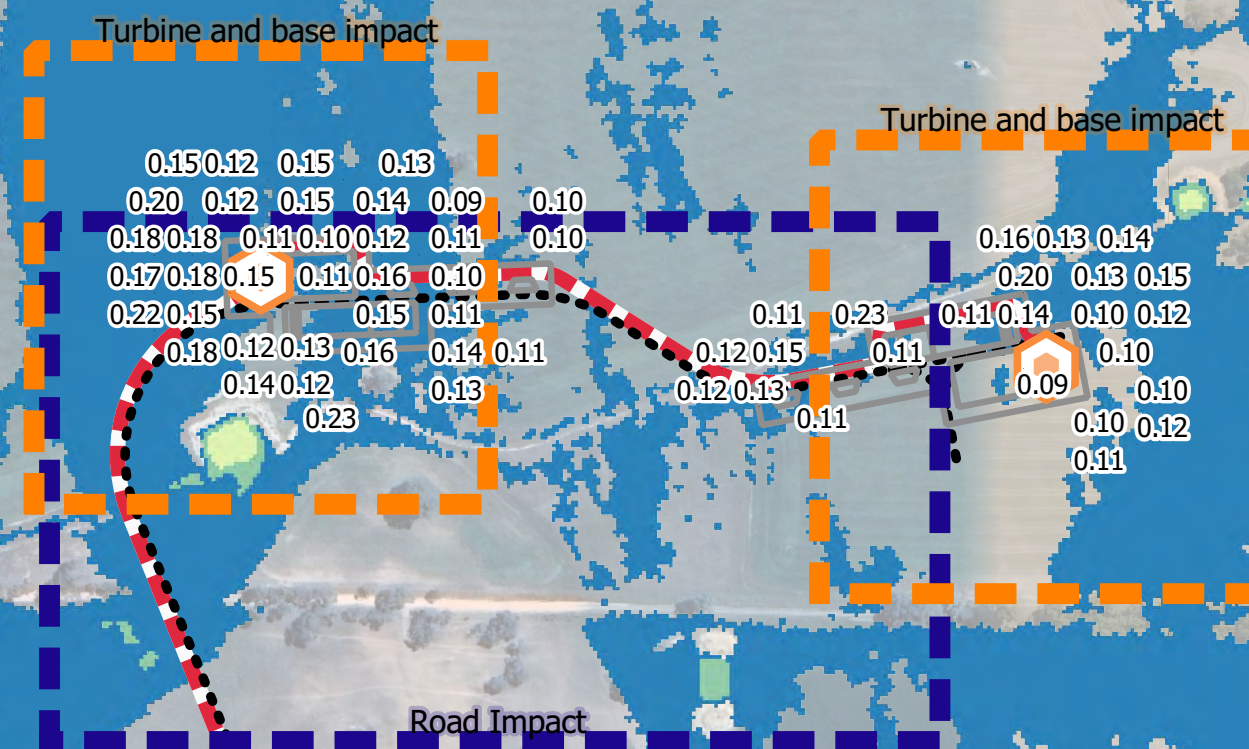
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
 Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



Key Location



**Map Set Reference
Appendix D 56**



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
 Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)

10pcAEP_BSS_(00060m_tp05)

- 0-20 N/m2
- 20-40 N/m2
- 40-60 N/m2
- 60-80 N/m2
- 80-100 N/m2
- 100-120 N/m2
- 120- 140 N/m2
- 140- 160 N/m2
- 160- 180 N/m2

Site Layouts

— Wind Turbine Base

••• Access Tracks

May22

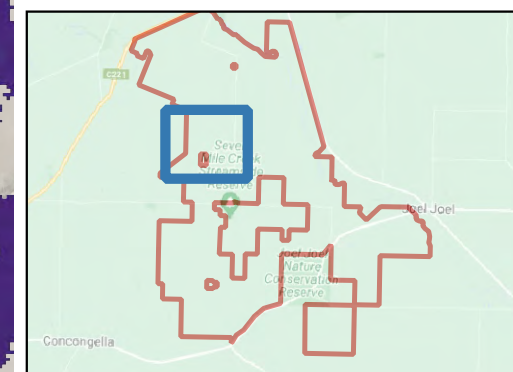
Wind Turbines

••• Access Tracks

Electrical Reticulation



Key Location



Map Set Reference
Appendix D 57

Turbine and base impact

Turbine and base impact

Road Impact

8.38 7.03 5.38 3.93
9.49 7.33 4.09 4.01 2.55 2.36
10.29 7.87 5.39 4.71 5.40 2.23 1.70
11.34 9.11 6.86 3.74 4.07 2.27
12.95 10.65 8.16 9.02 2.20 1.77
11.64 7.50 5.77 2.94
17.60

2.87 8.07 3.49
1.86 2.41 3.16
2.25 1.91 2.68 3.78
4.10
2.04 3.83
3.89 4.57
4.33

1.75 0.97
2.78 1.57
1.07 0.84
1.42

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

— Wind Turbine Base

••• Access Tracks

May22

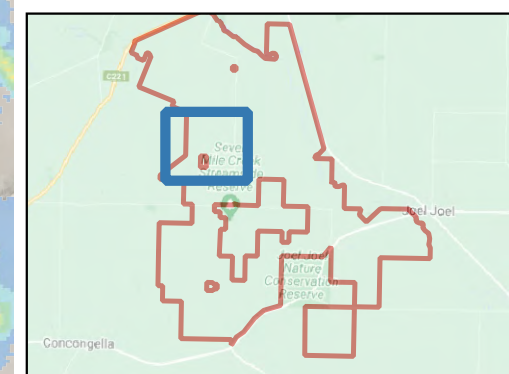
Wind Turbines

••• Access Tracks

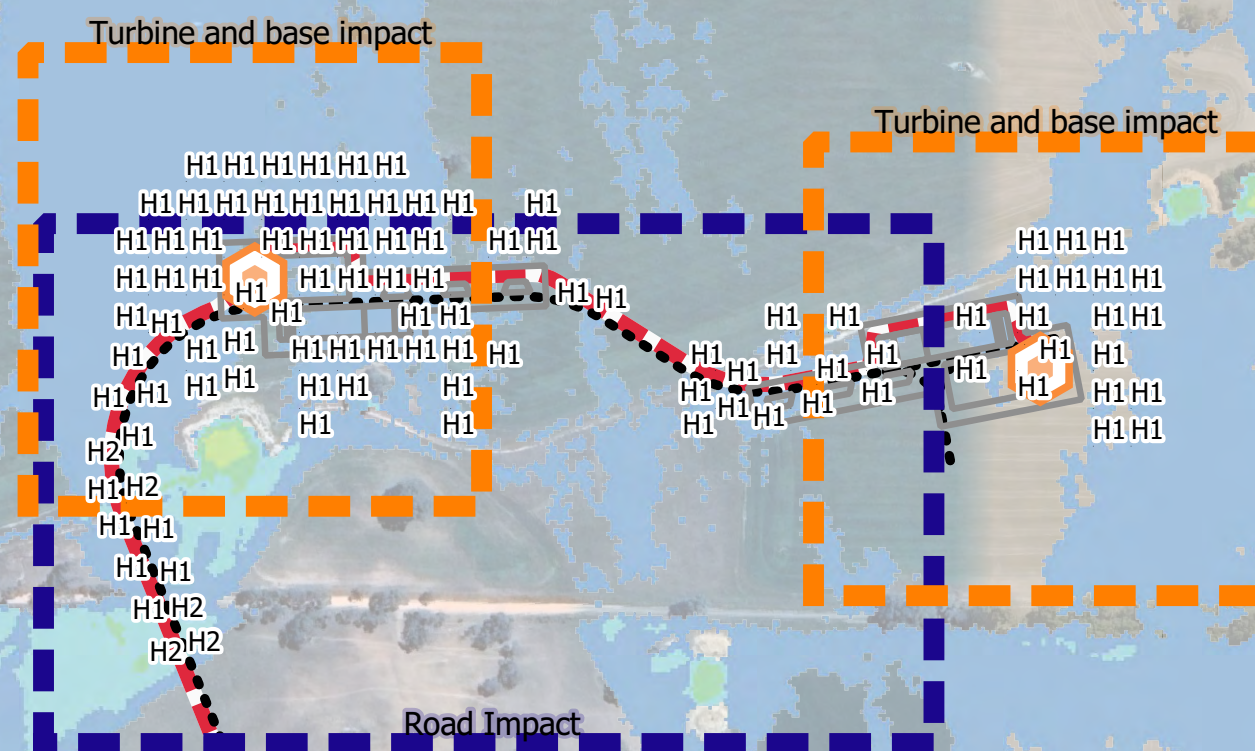
Electrical Reticulation



Key Location



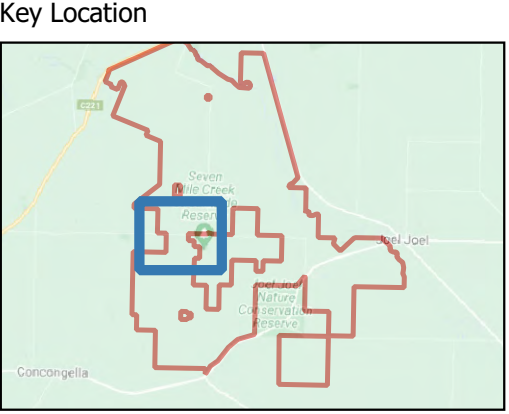
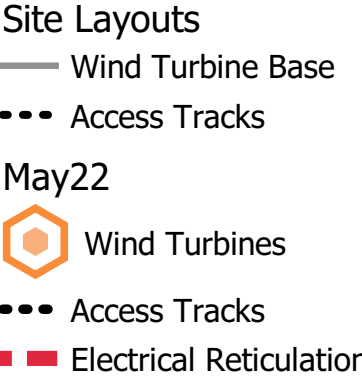
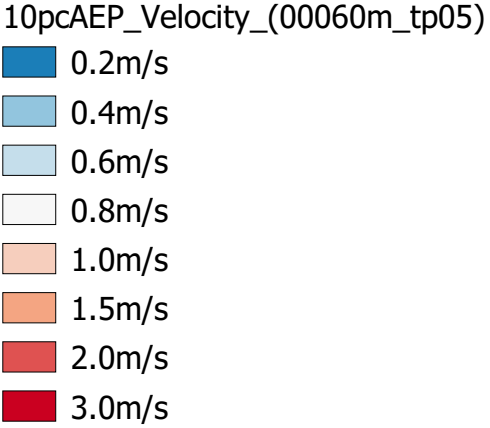
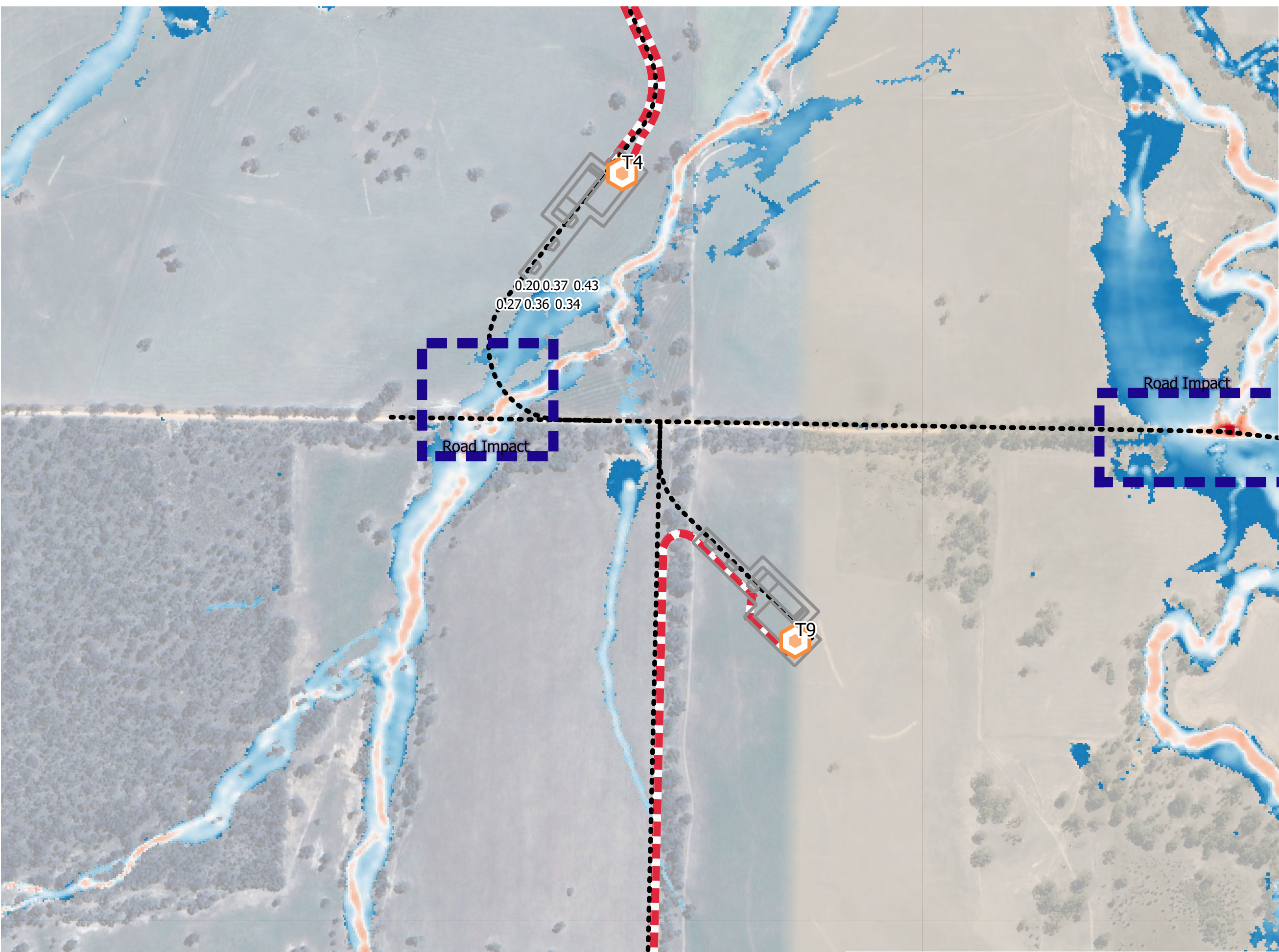
Map Set Reference
Appendix D 58



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1

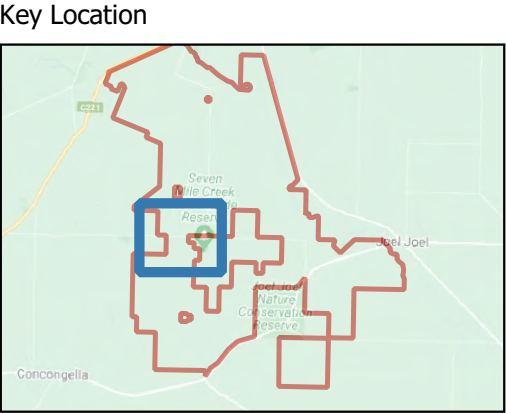
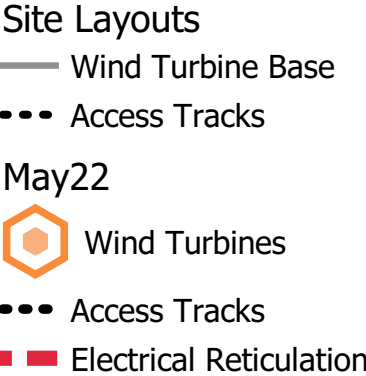
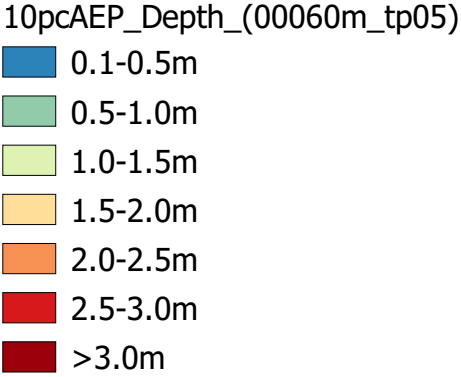
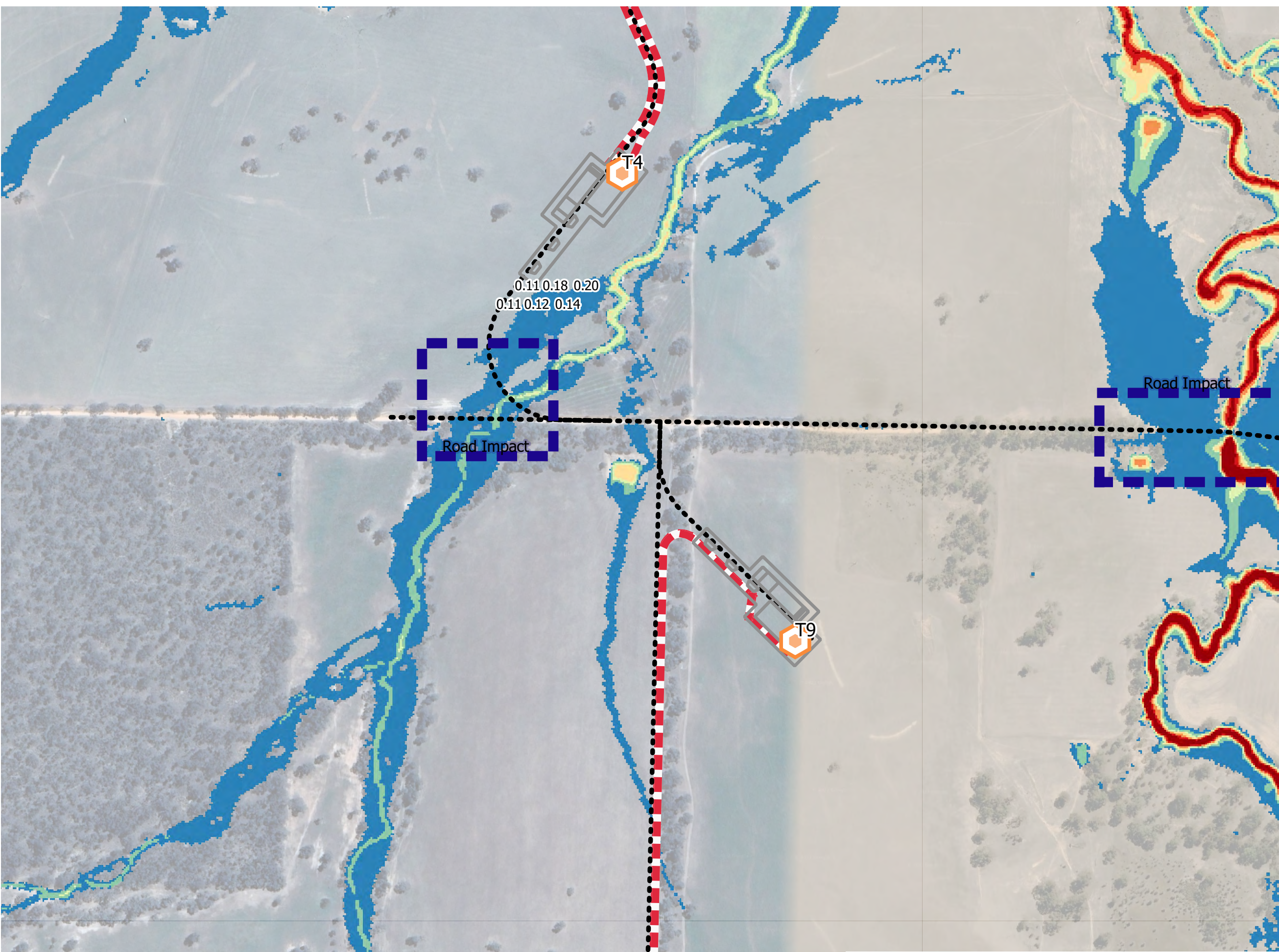
Appendix D Page 58



Map Set Reference
Appendix D 59

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

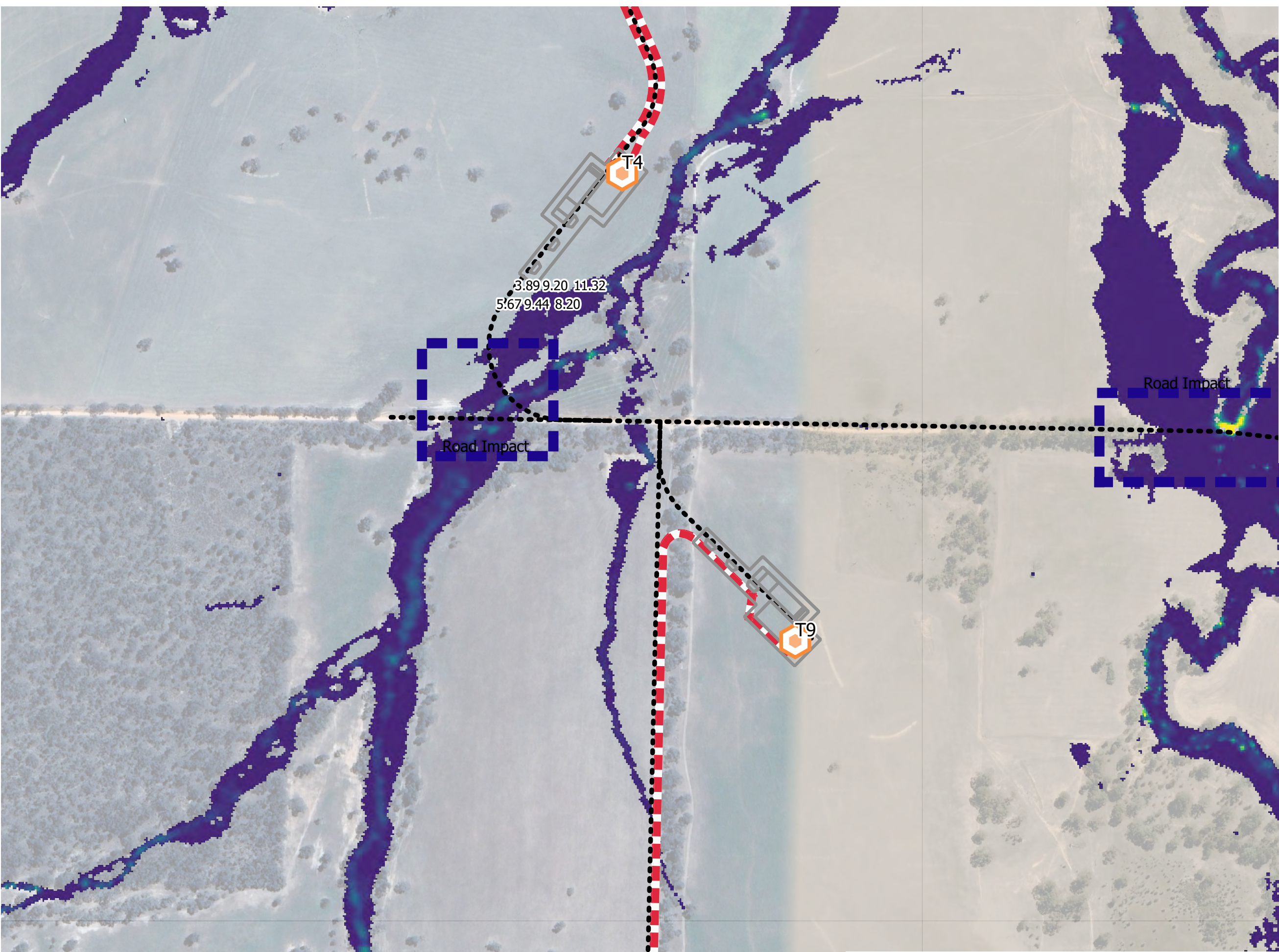
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 60**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



10pcAEP_BSS_00060m_tp05

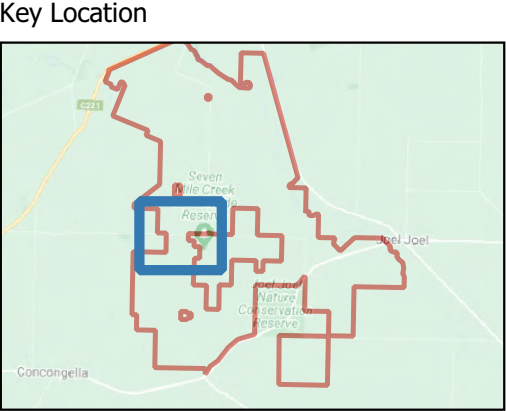
- 0-20 N/m2
- 20-40 N/m2
- 40-60 N/m2
- 60-80 N/m2
- 80-100 N/m2
- 100-120 N/m2
- 120- 140 N/m2
- 140- 160 N/m2
- 160- 180 N/m2

Site Layouts

- Wind Turbine Base
- - - Access Tracks

May22

- Wind Turbines
- - - Access Tracks
- Electrical Reticulation



**Map Set Reference
Appendix D 61**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

- Wind Turbine Base
- Access Tracks

May22

- Wind Turbines

- Access Tracks

- Electrical Reticulation

Road Impact

H1 H1 H1 H3 H1
H1 H1 H1 H5 H1 H1

H1 H1
H1 H1
H1 H4
H1 H1 H3 H1
H1 H1

Road Impact

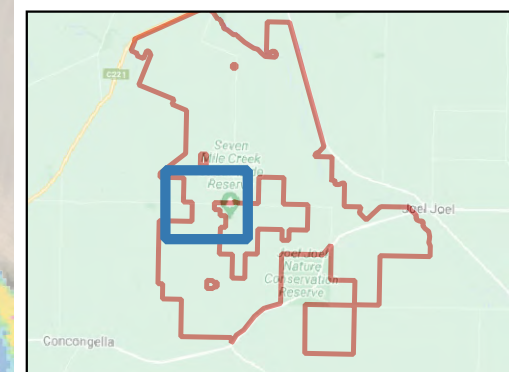
T9

T4

H1 H1 H1
H1 H1 H1



Key Location

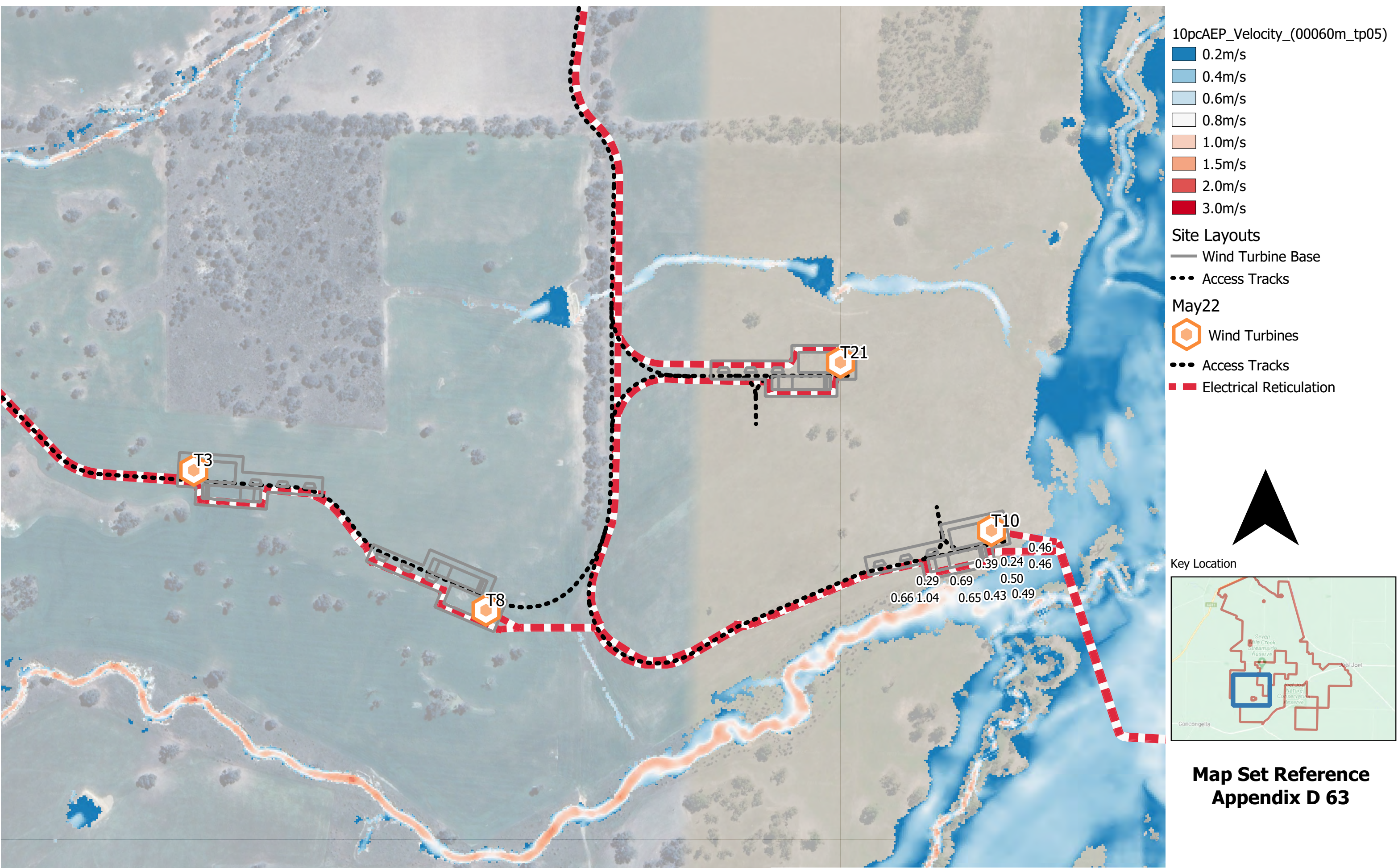


**Map Set Reference
Appendix D 62**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

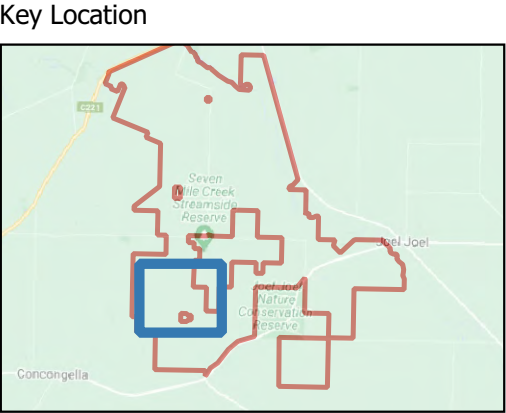
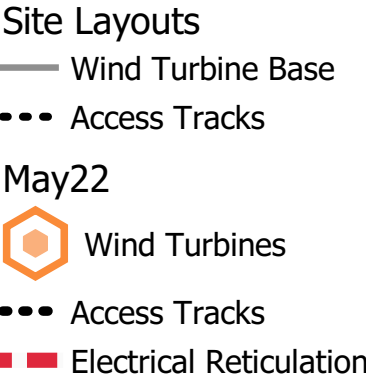
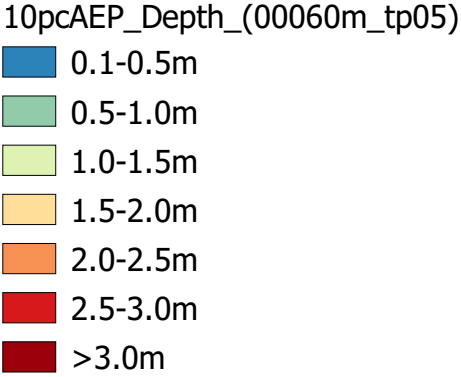
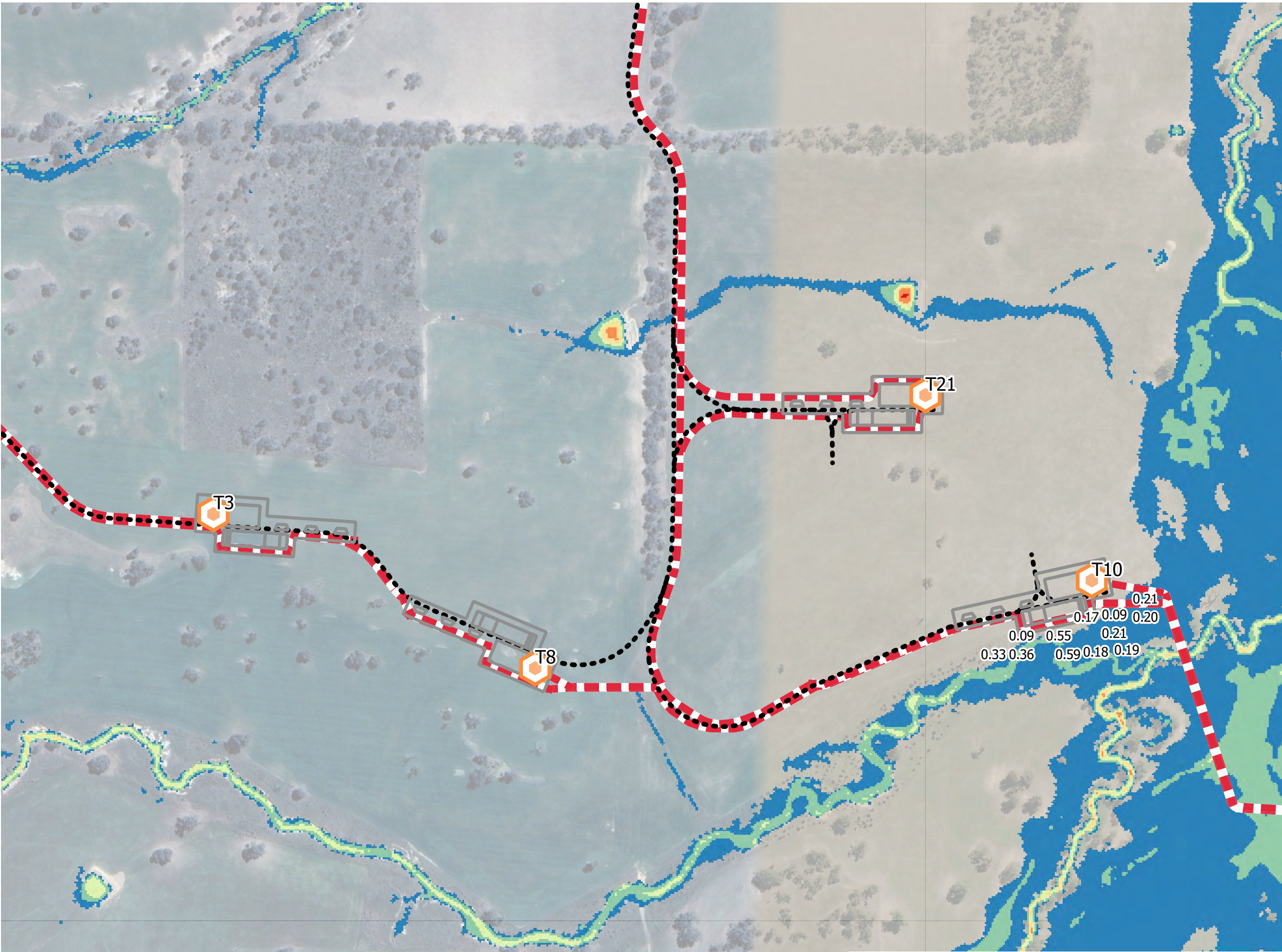
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1

Appendix D Page 62



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

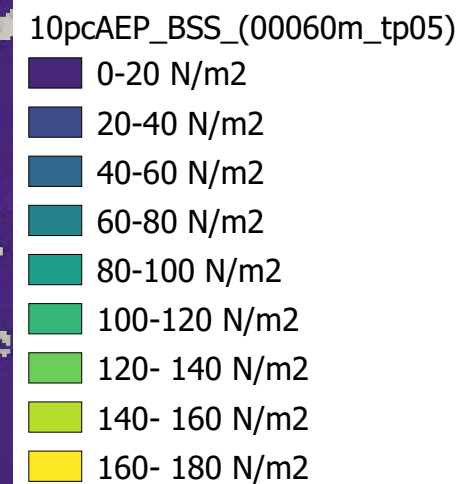
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



Map Set Reference
Appendix D 64

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



Site Layouts

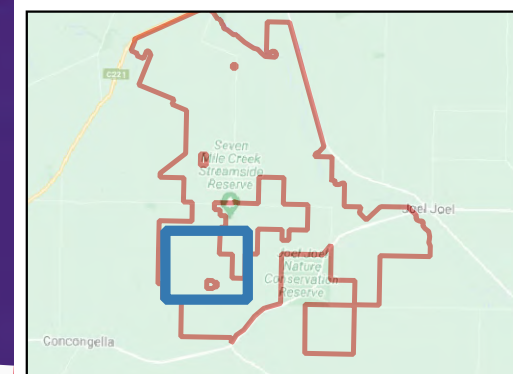
- Wind Turbine Base
- - - Access Tracks

May22

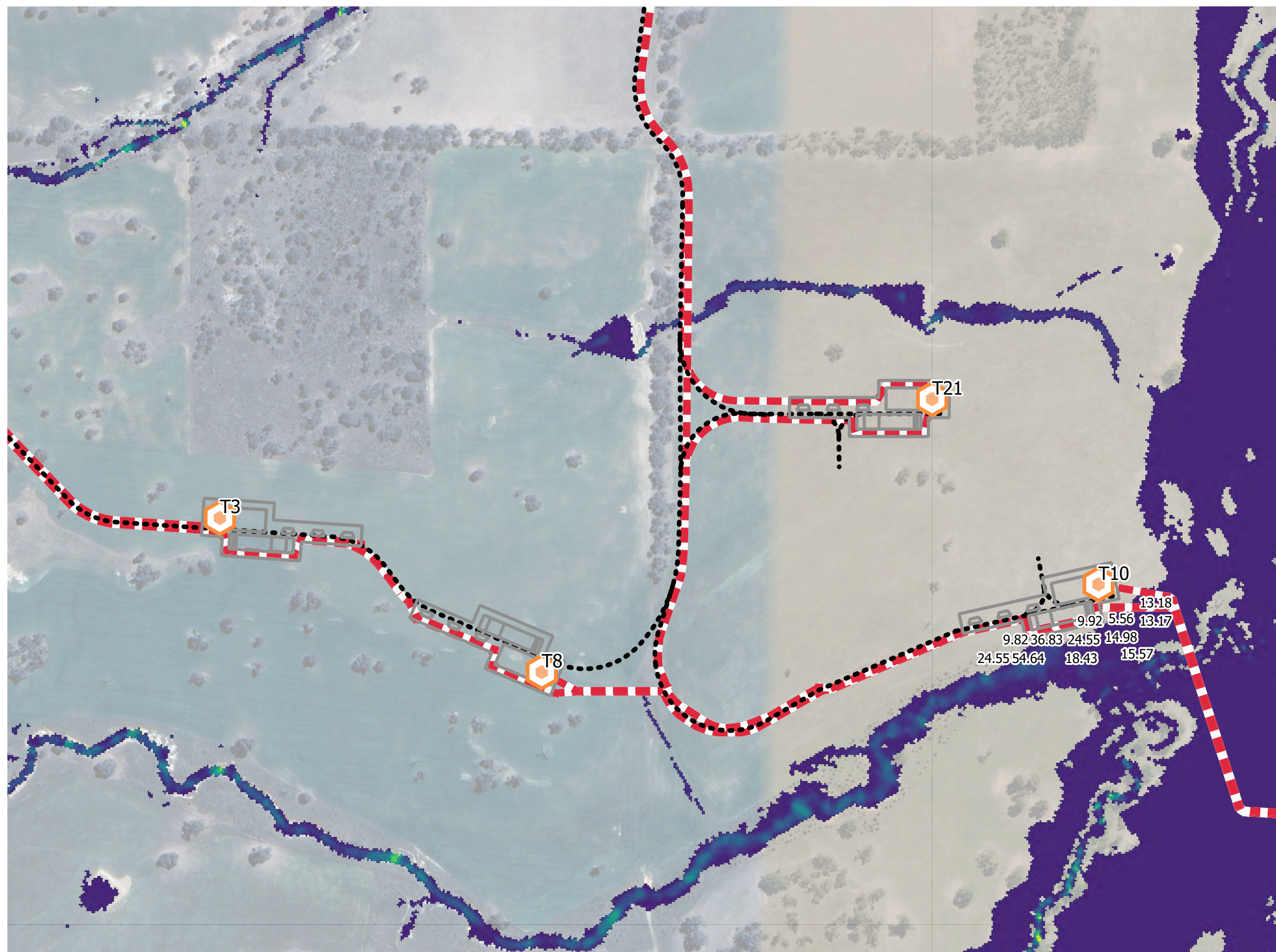
- Wind Turbines
- - - Access Tracks
- Electrical Reticulation



Key Location

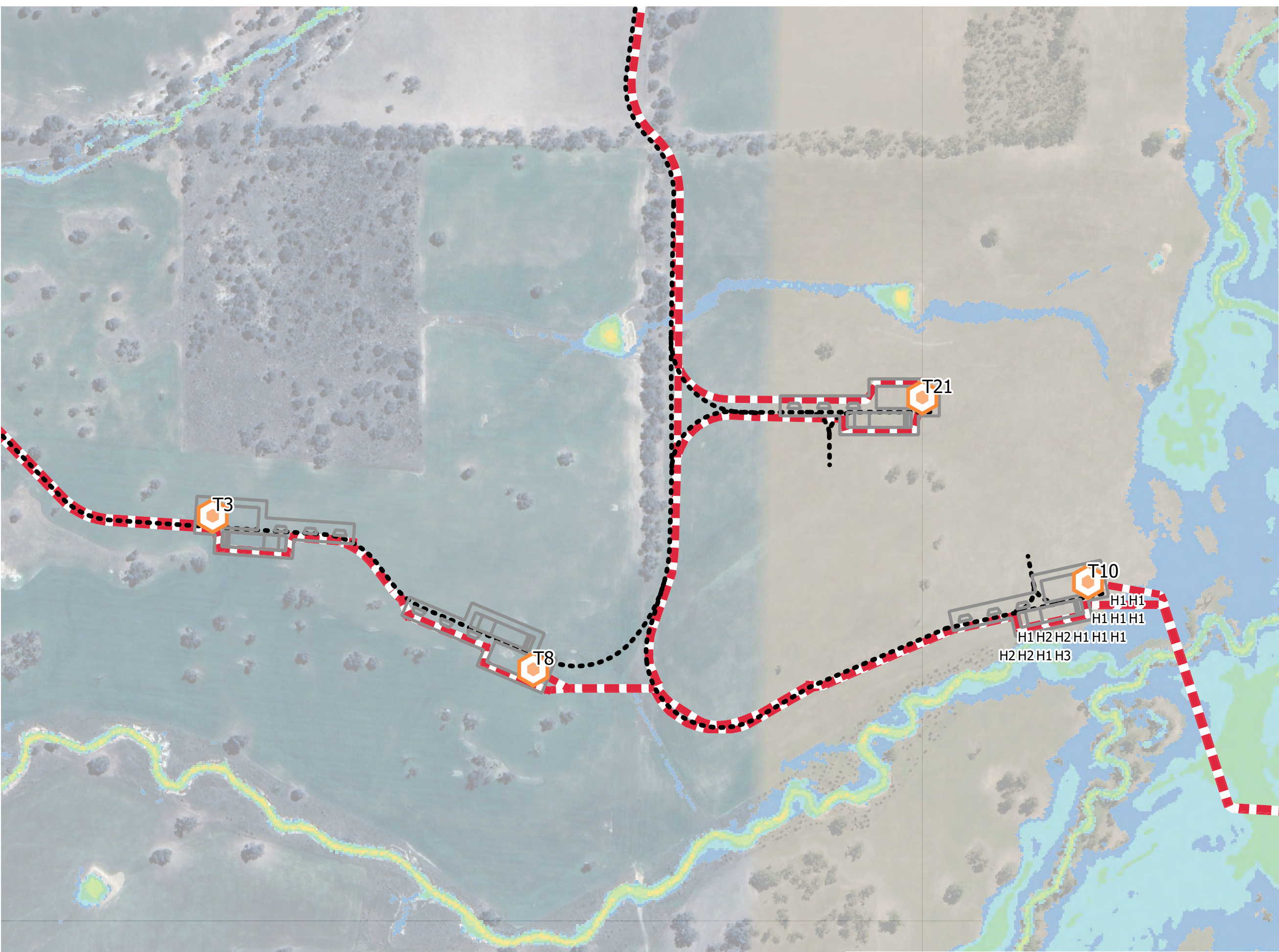


**Map Set Reference
Appendix D 65**



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)



10pcAEP_Hazard_(00060m_tp05)

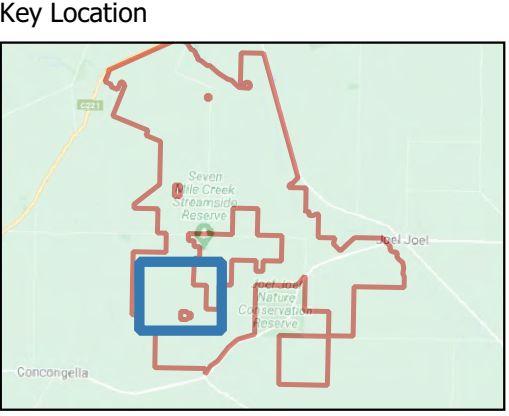
- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

- Wind Turbine Base
- Access Tracks

May22

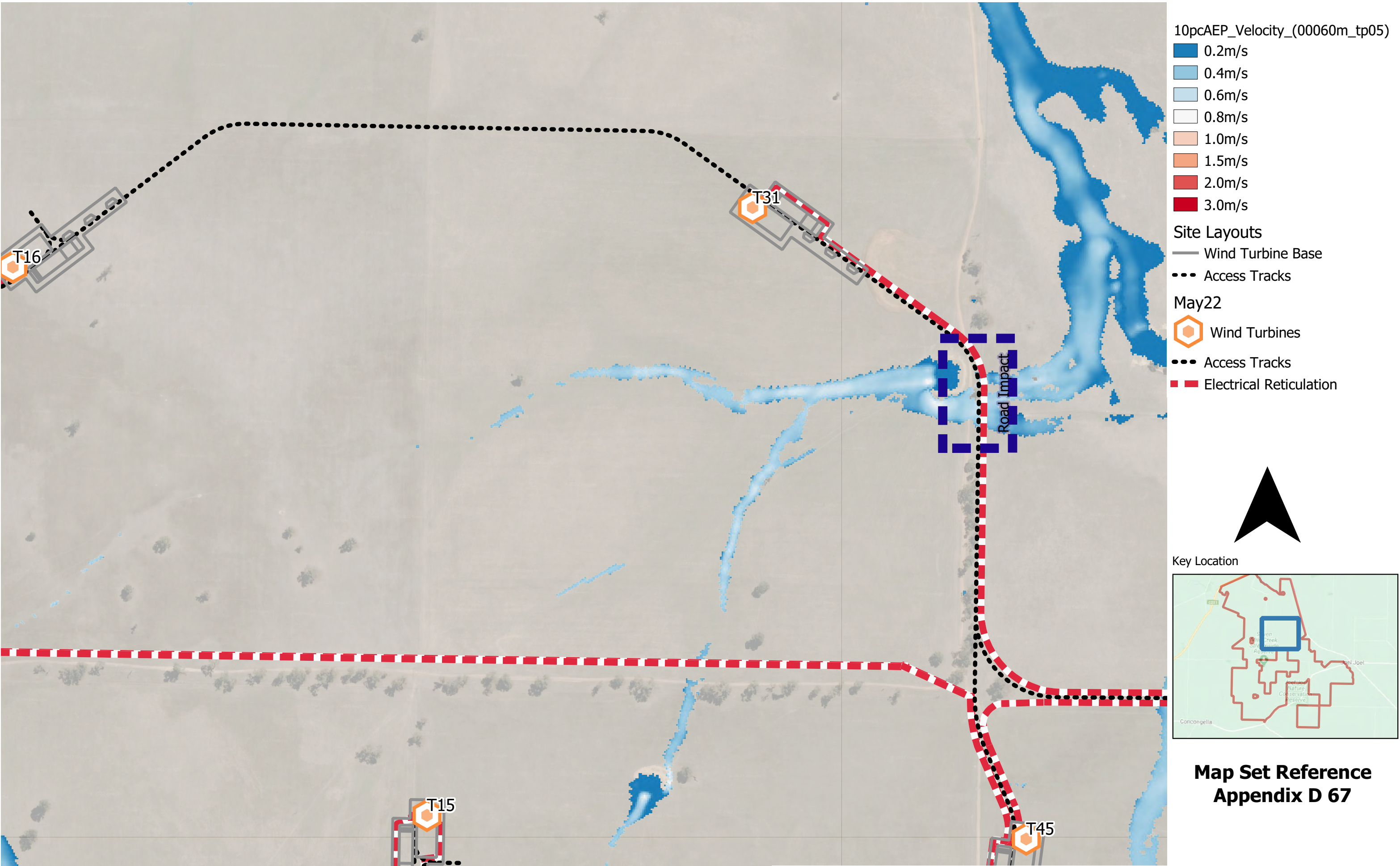
- Wind Turbines
- Access Tracks
- Electrical Reticulation



Map Set Reference
Appendix D 66

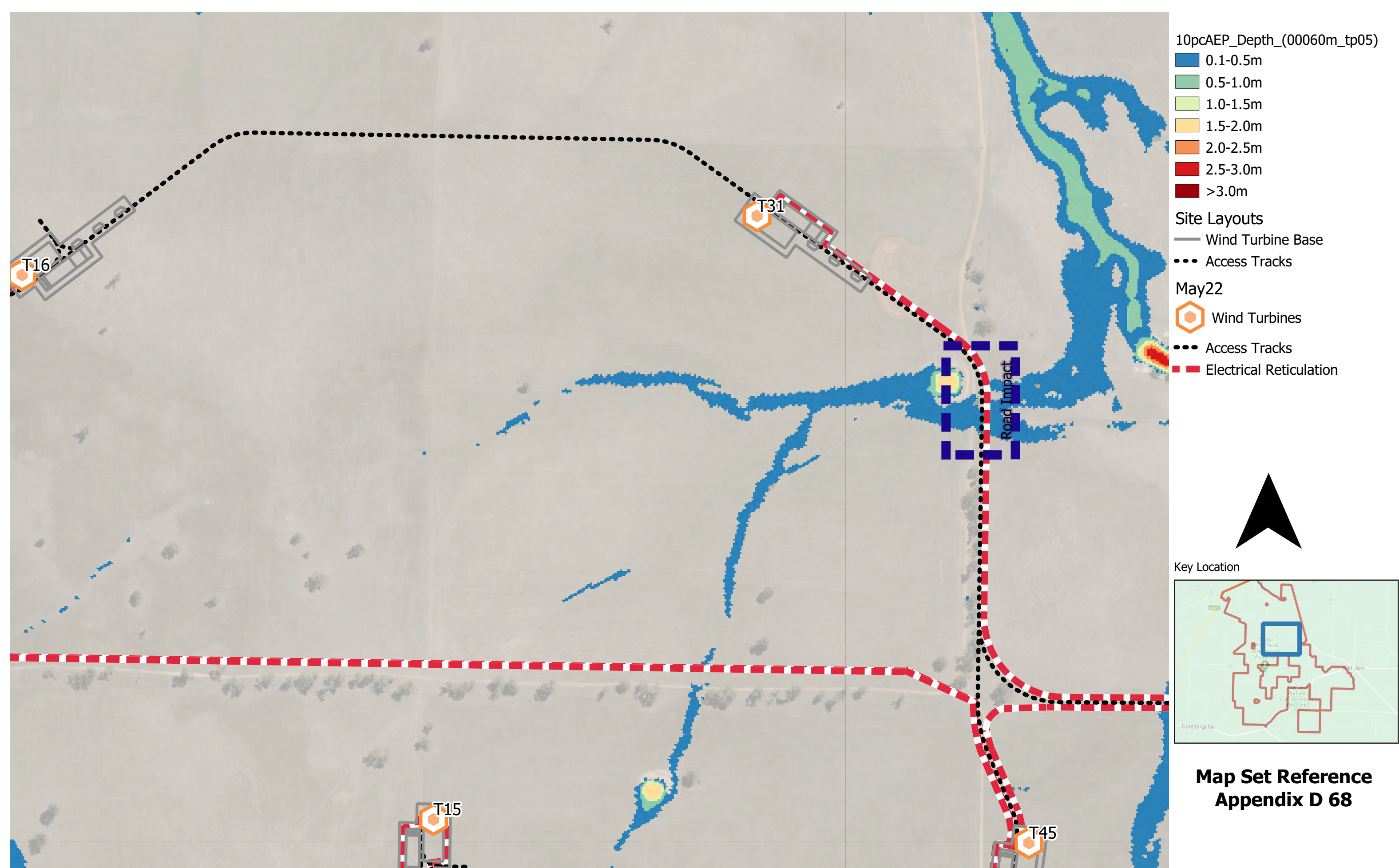
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1



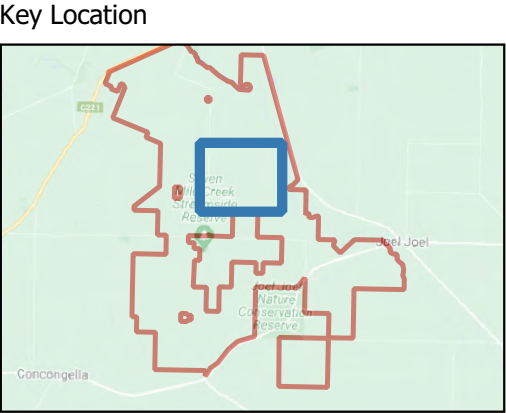
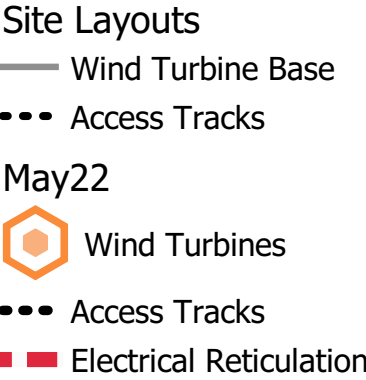
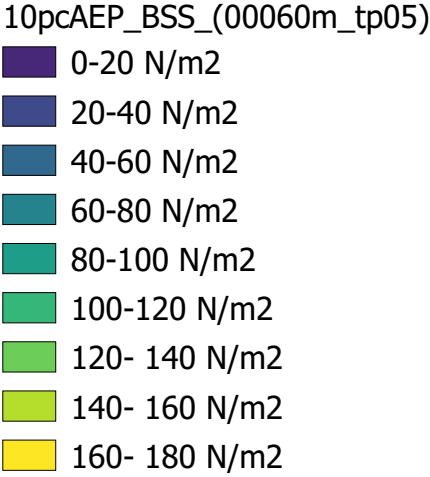
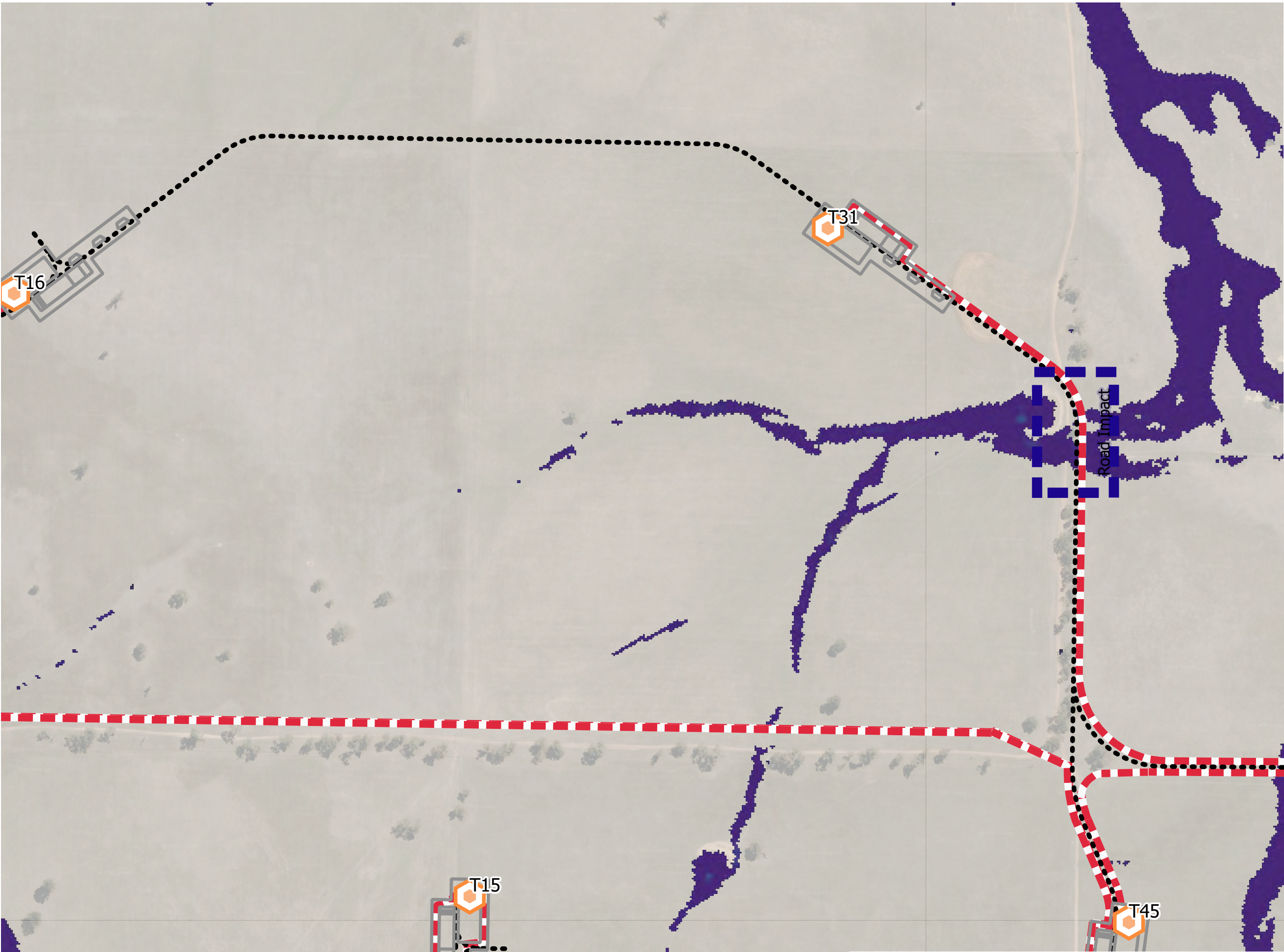
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



**Map Set Reference
Appendix D 69**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

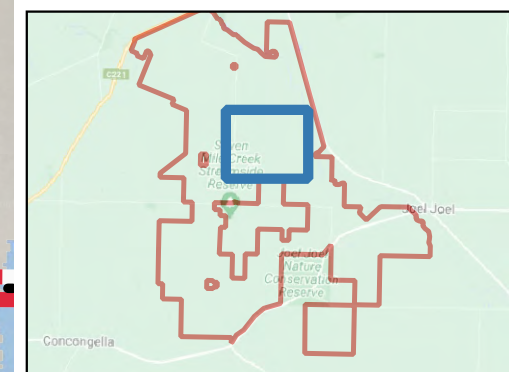
- Wind Turbine Base
- Access Tracks

May22

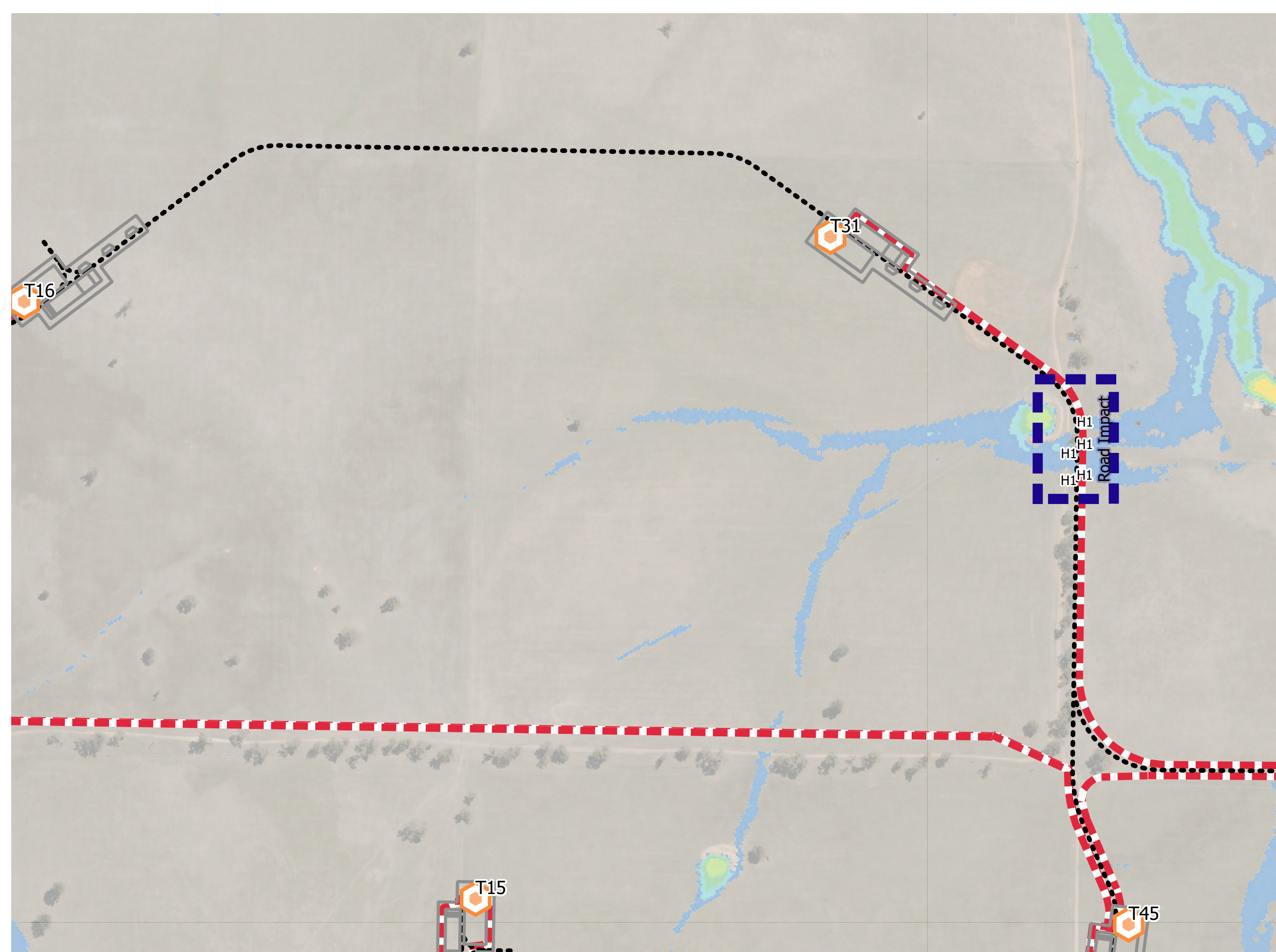
- Wind Turbines
- Access Tracks
- Electrical Reticulation



Key Location

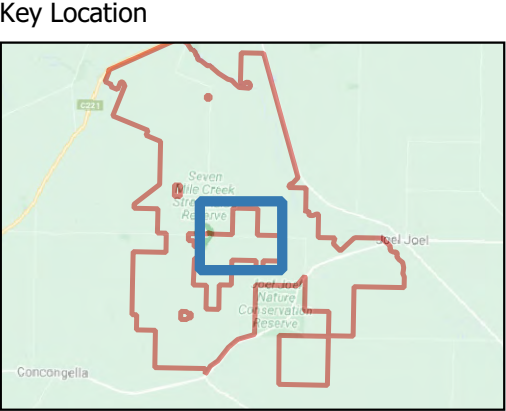
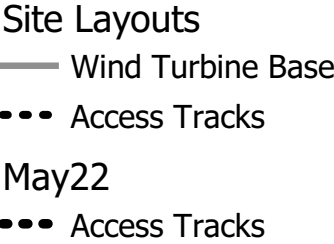
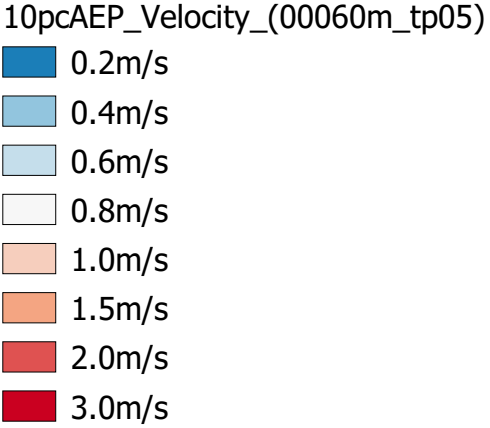
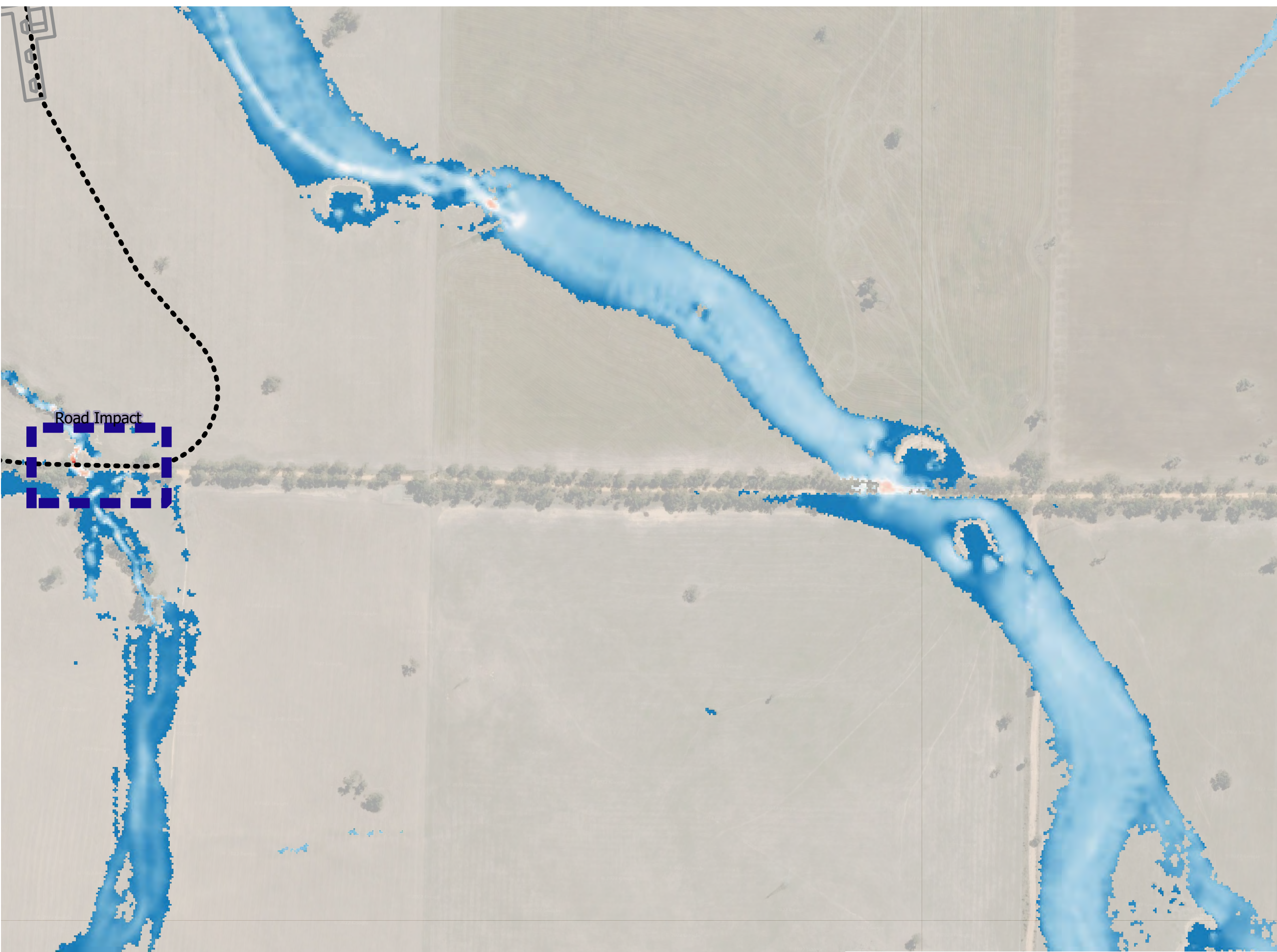


**Map Set Reference
Appendix D 70**



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.flt, Google Satellite 2021

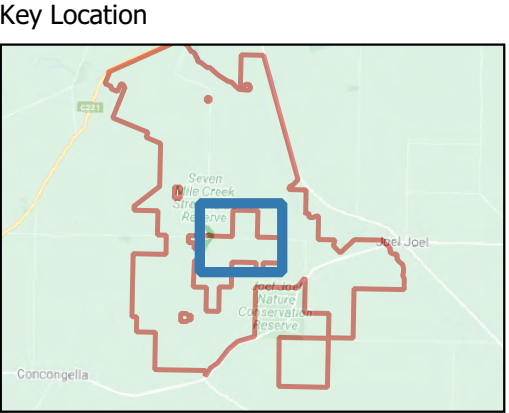
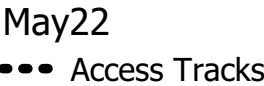
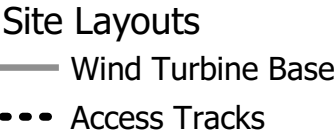
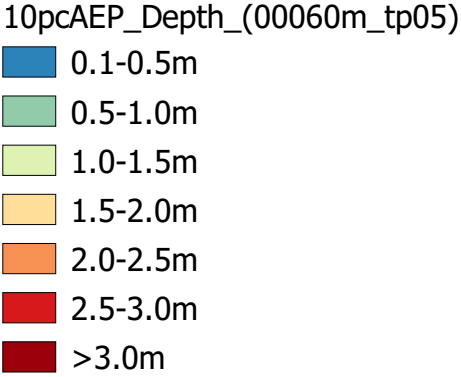
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1



Map Set Reference
Appendix D 71

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

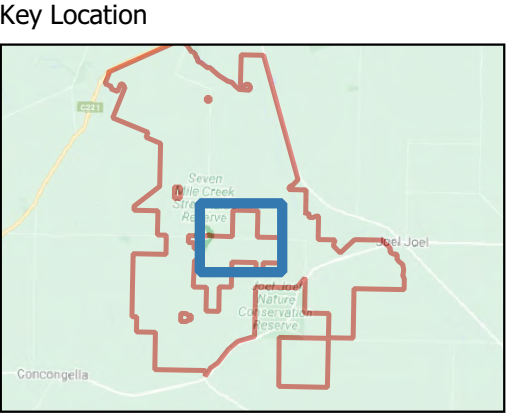
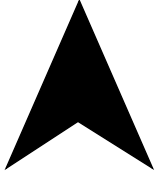
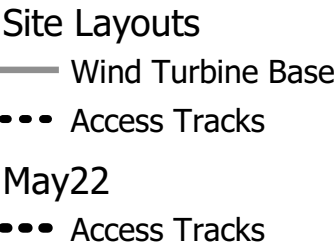
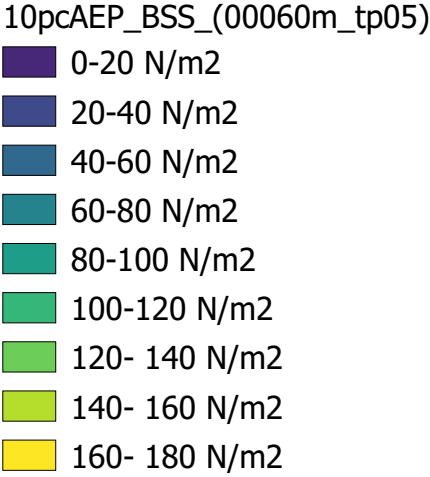
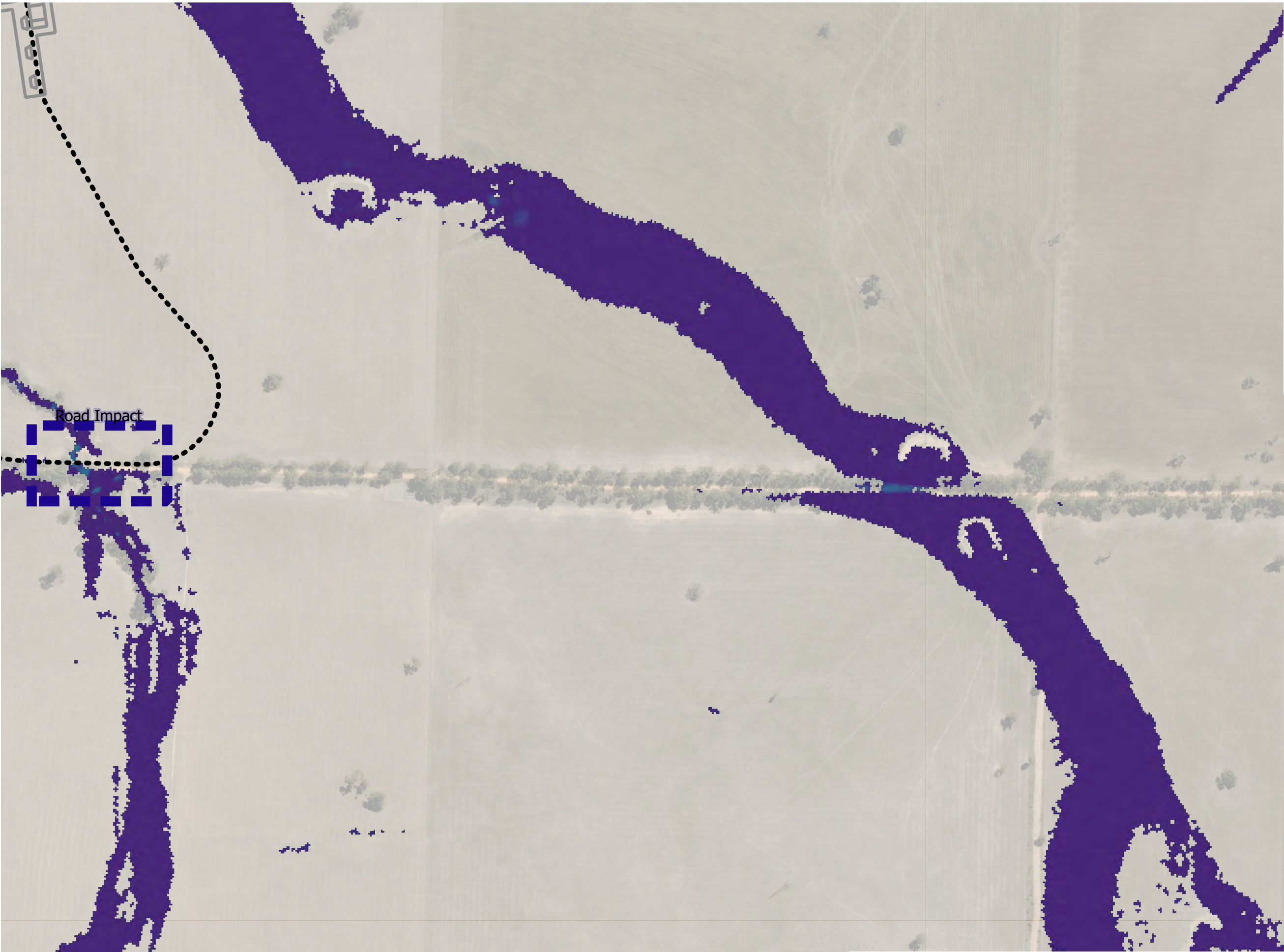
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 72**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



**Map Set Reference
Appendix D 73**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

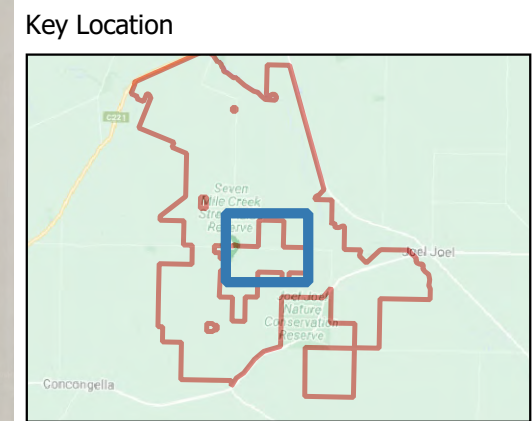
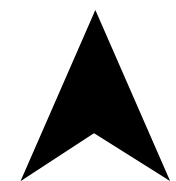
	H1
	H2
	H3
	H4
	H5
	H6

Site Layouts

	Wind Turbine Base
	Access Tracks

May22

	Access Tracks
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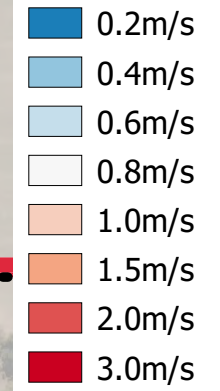


**Map Set Reference
Appendix D 74**

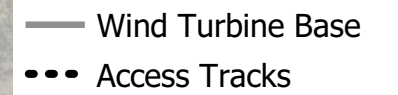
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1

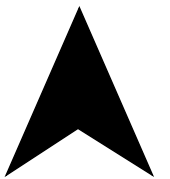
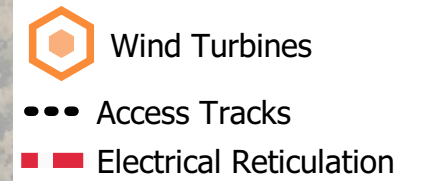
10pcAEP_Velocity_(00060m_tp05)



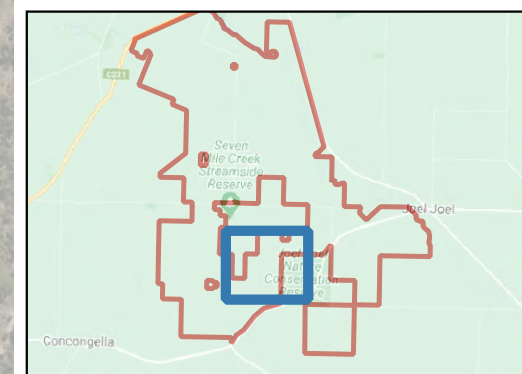
Site Layouts



May22



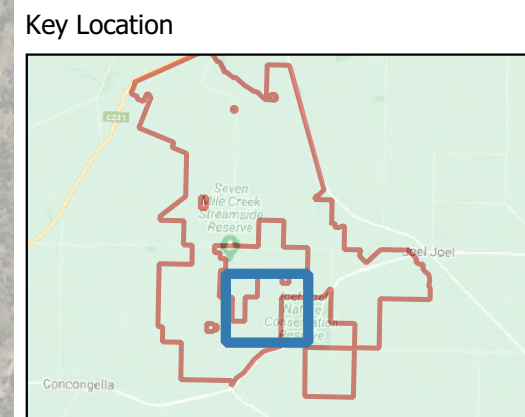
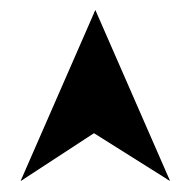
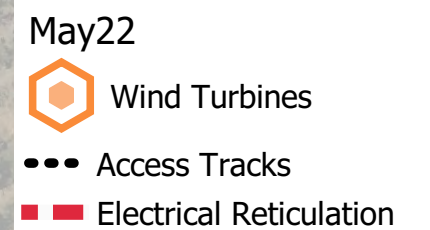
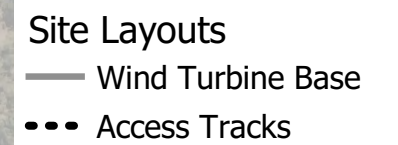
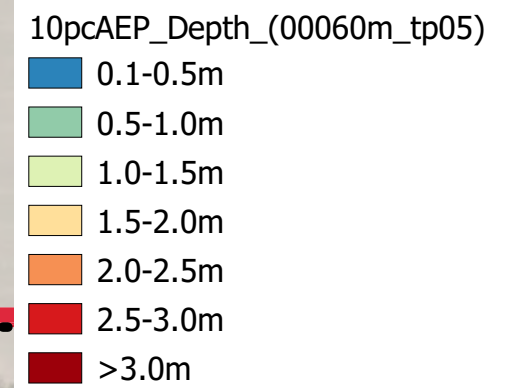
Key Location



**Map Set Reference
Appendix D 75**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

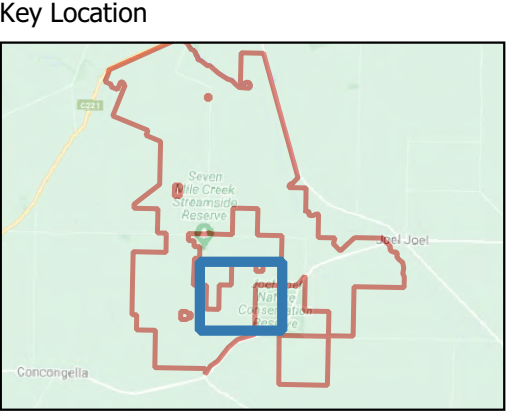
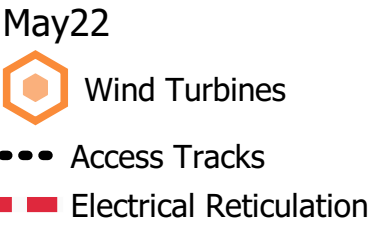
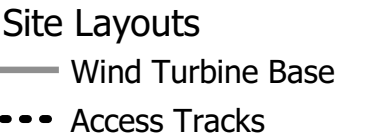
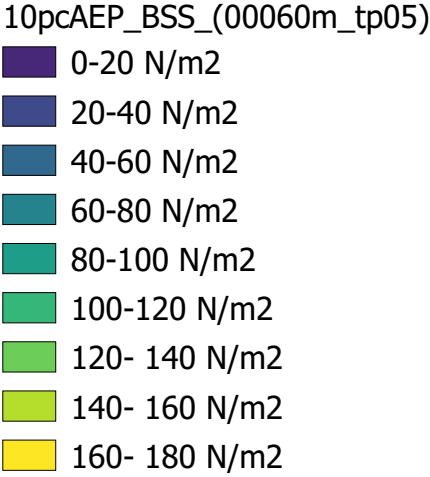
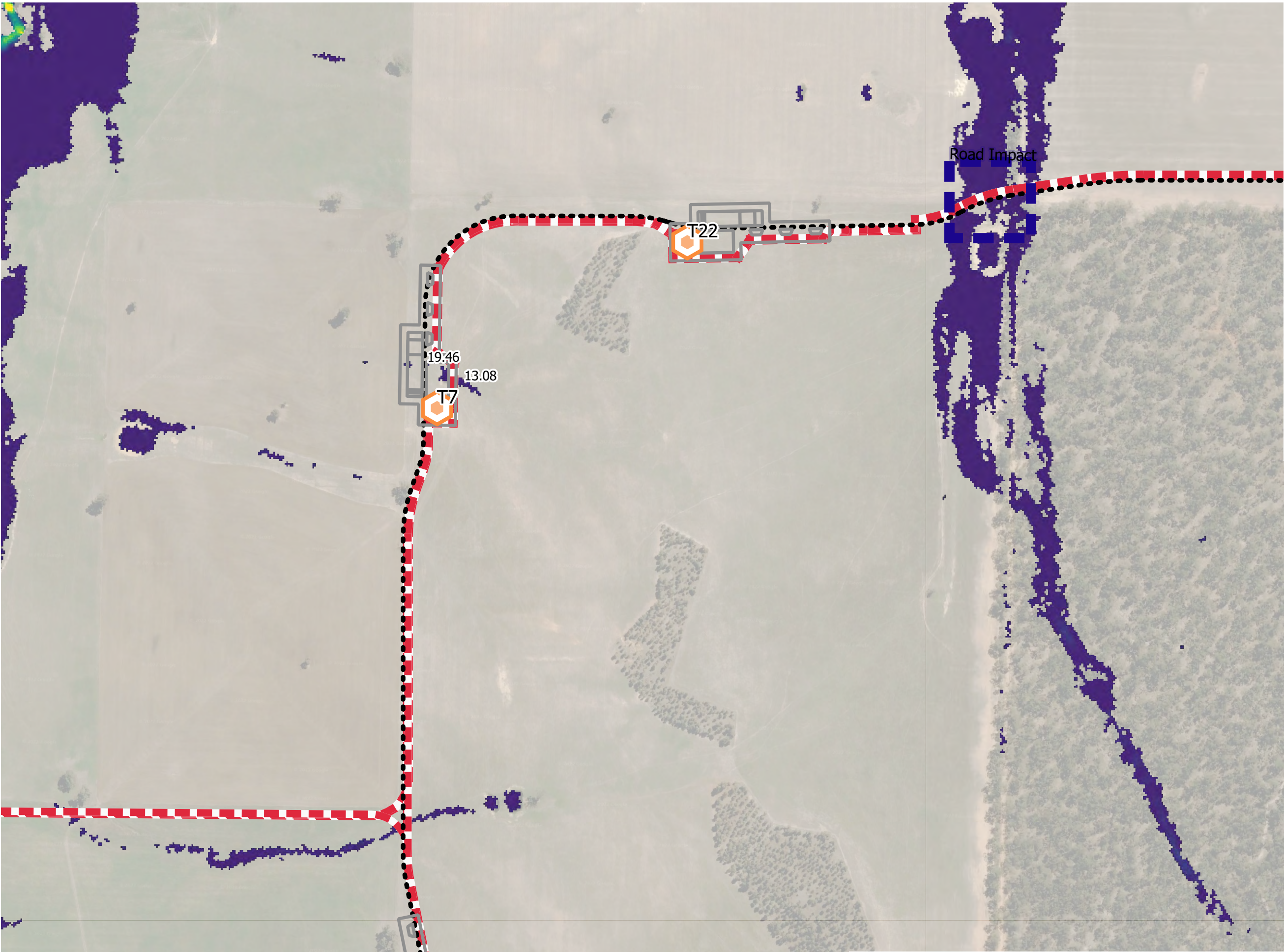
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 76**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ft, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



Map Set Reference
Appendix D 77

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

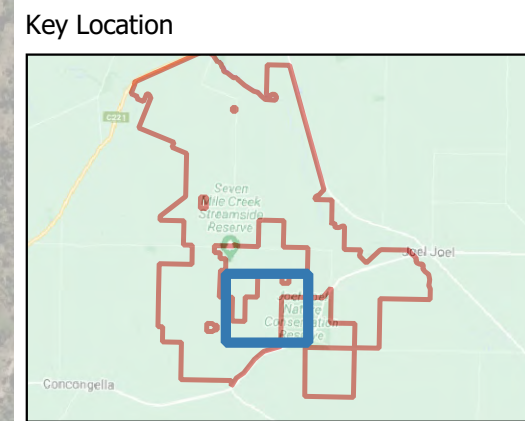
- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

- Wind Turbine Base
- Access Tracks

May22

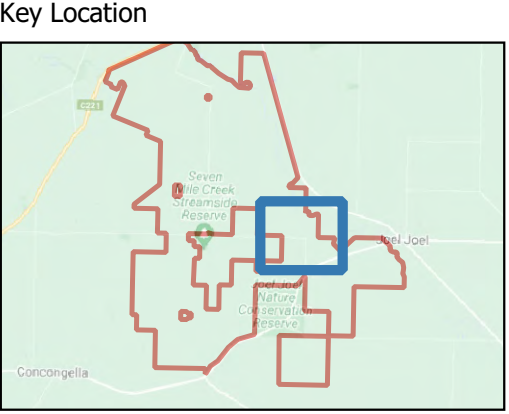
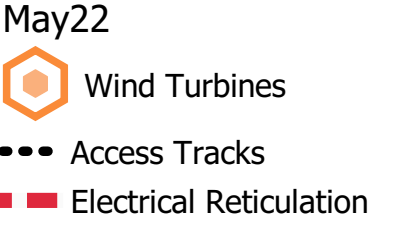
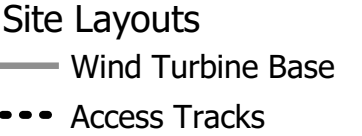
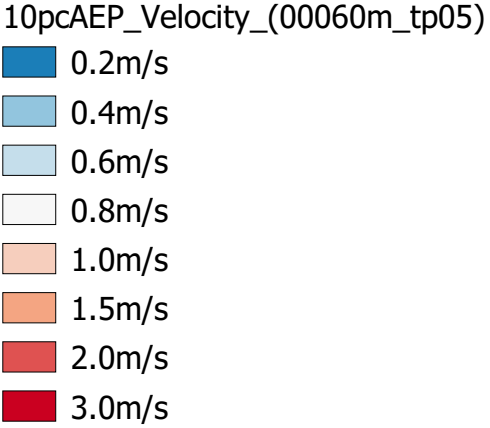
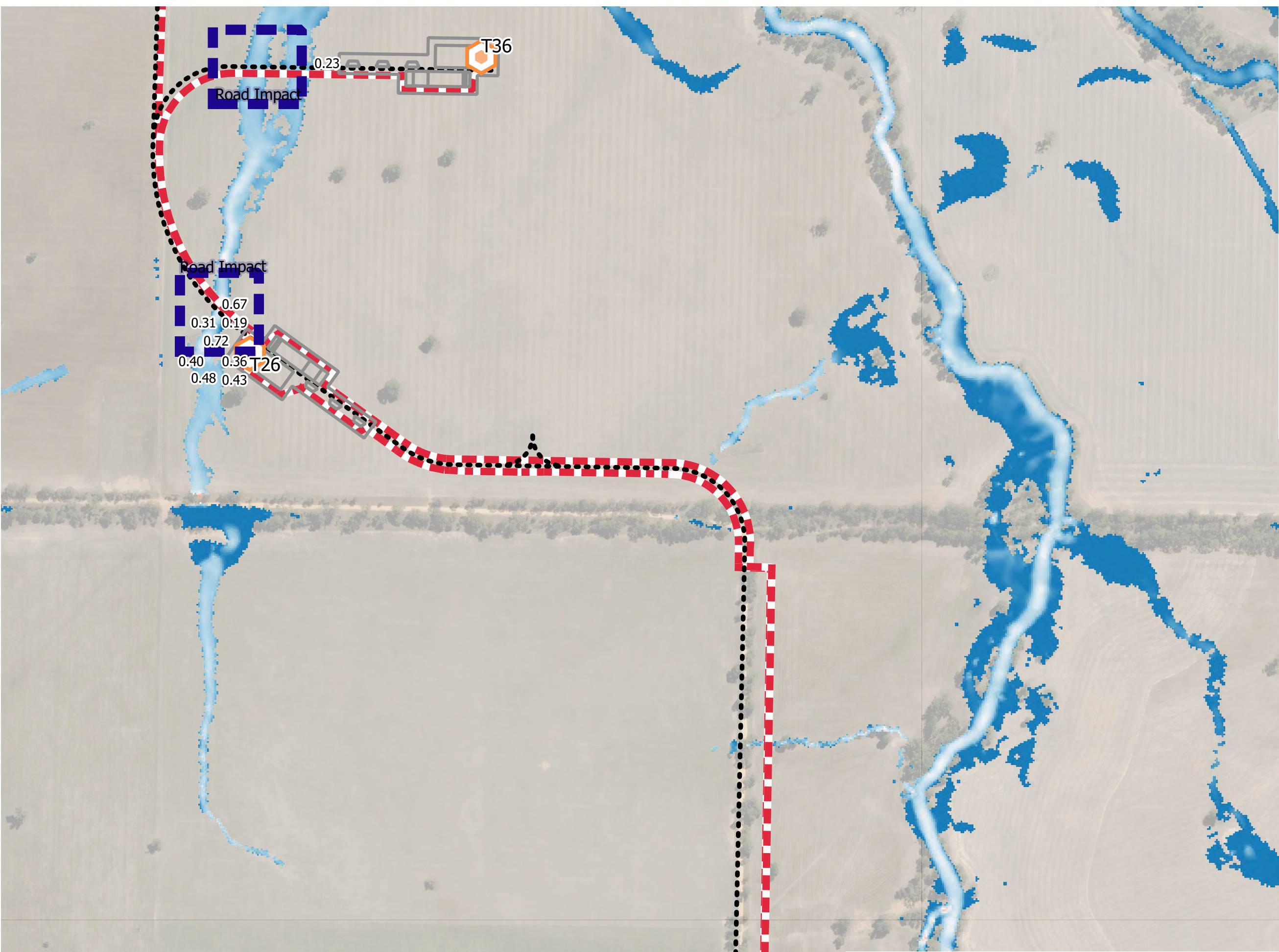
- Wind Turbines
- Access Tracks
- Electrical Reticulation



**Map Set Reference
Appendix D 78**

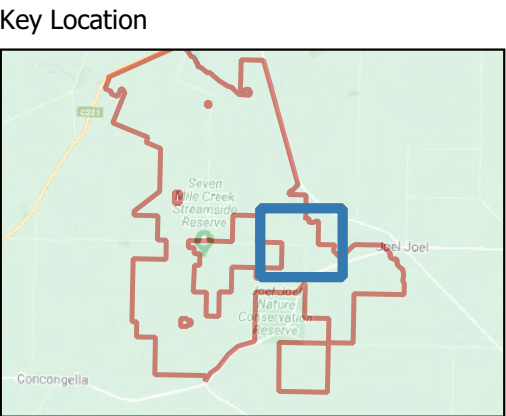
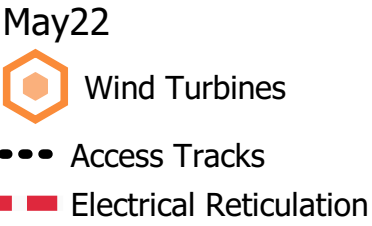
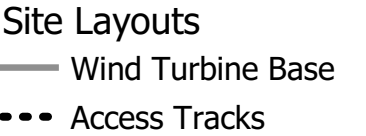
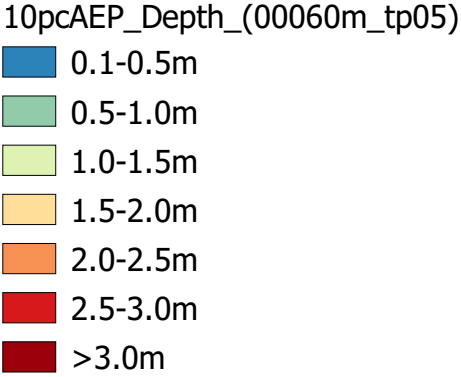
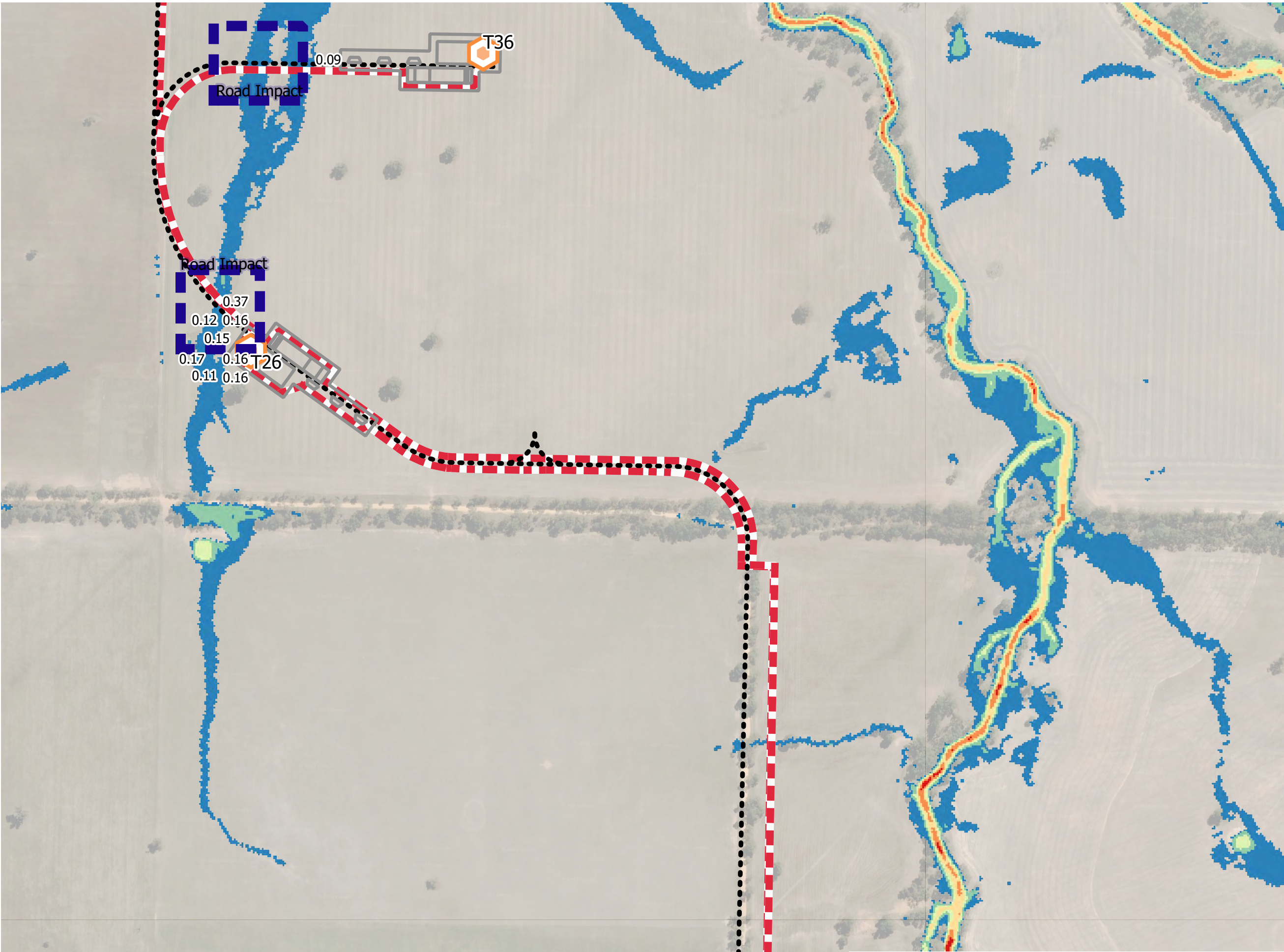
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1



**Map Set Reference
Appendix D 79**

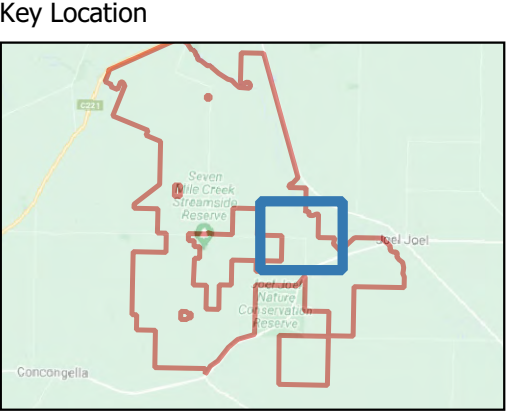
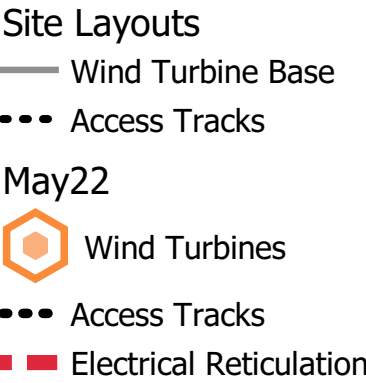
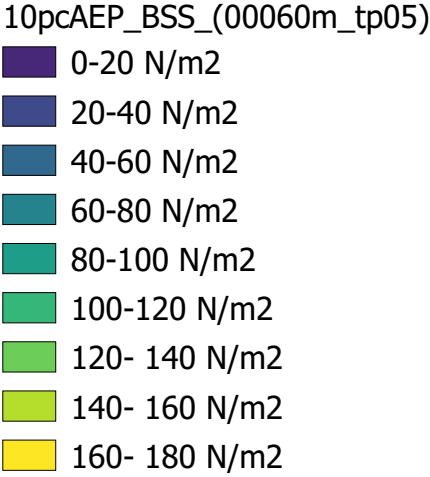
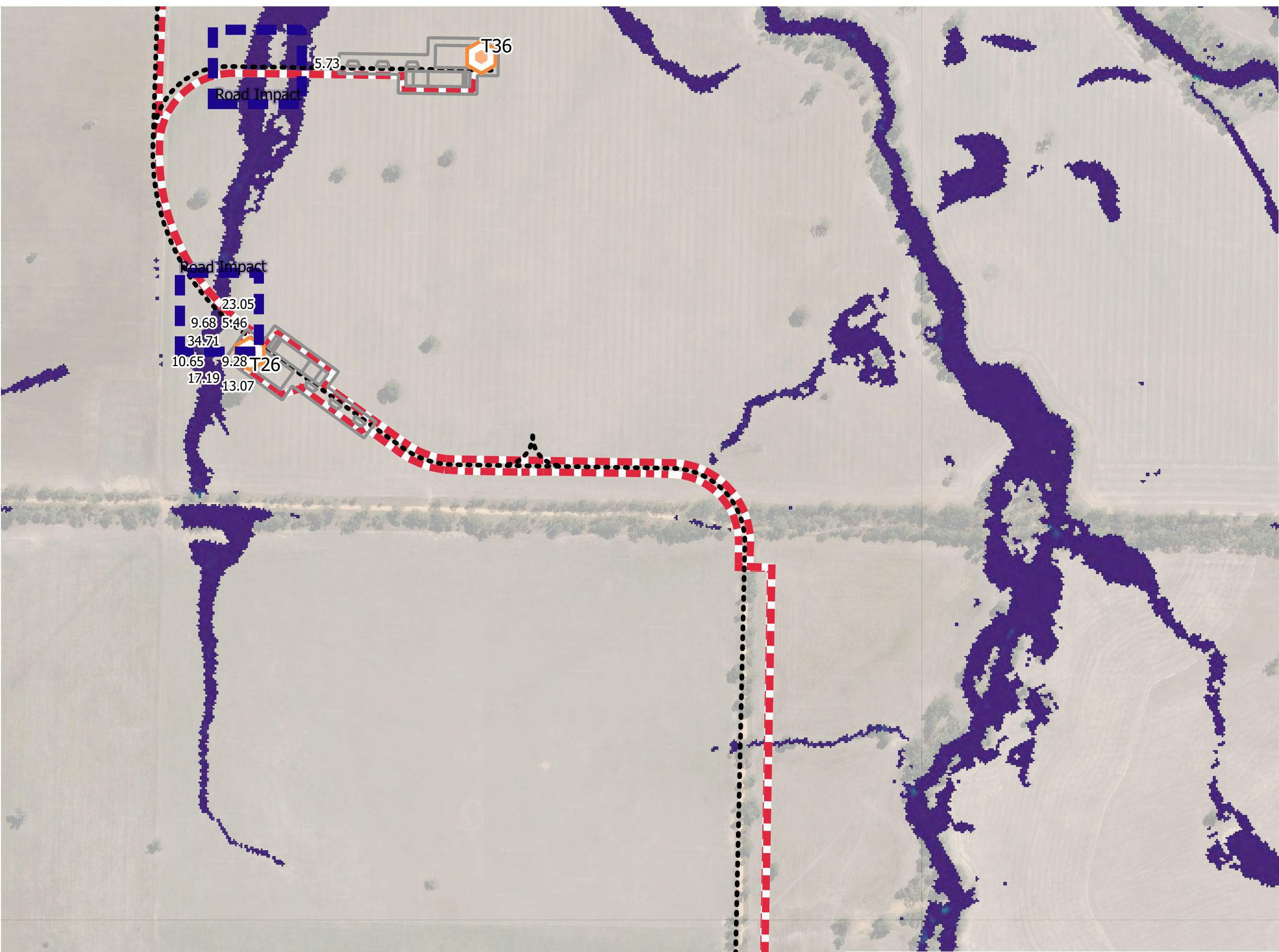
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021



Map Set Reference
Appendix D 80

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



**Map Set Reference
Appendix D 81**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)

10pcAEP_Hazard_(00060m_tp05)

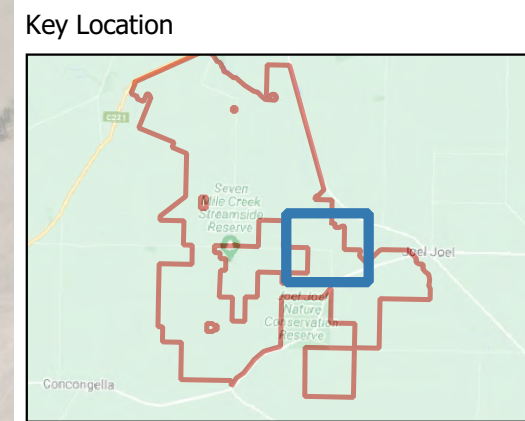
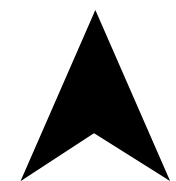
	H1
	H2
	H3
	H4
	H5
	H6

Site Layouts

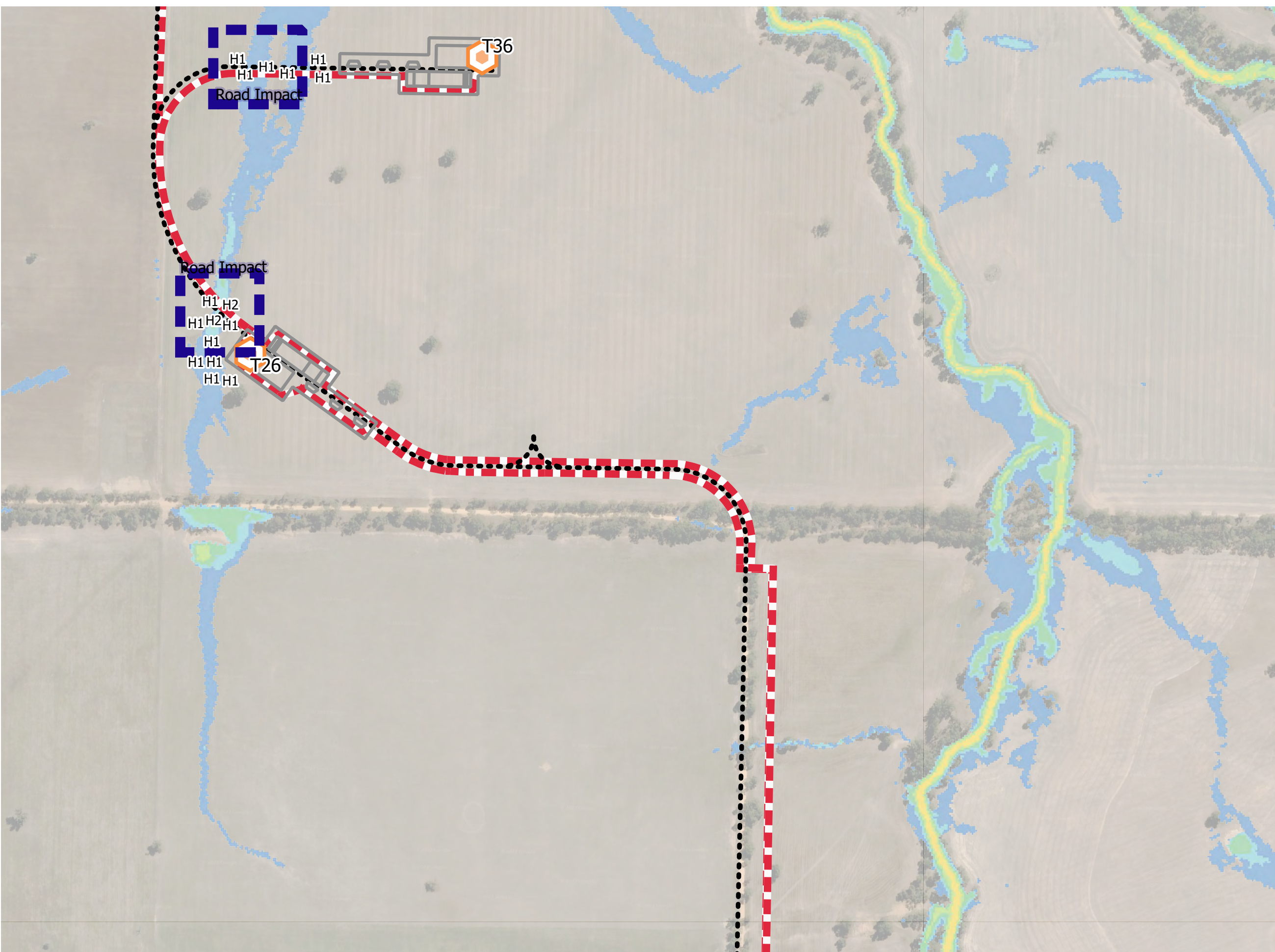
	Wind Turbine Base
	Access Tracks

May22

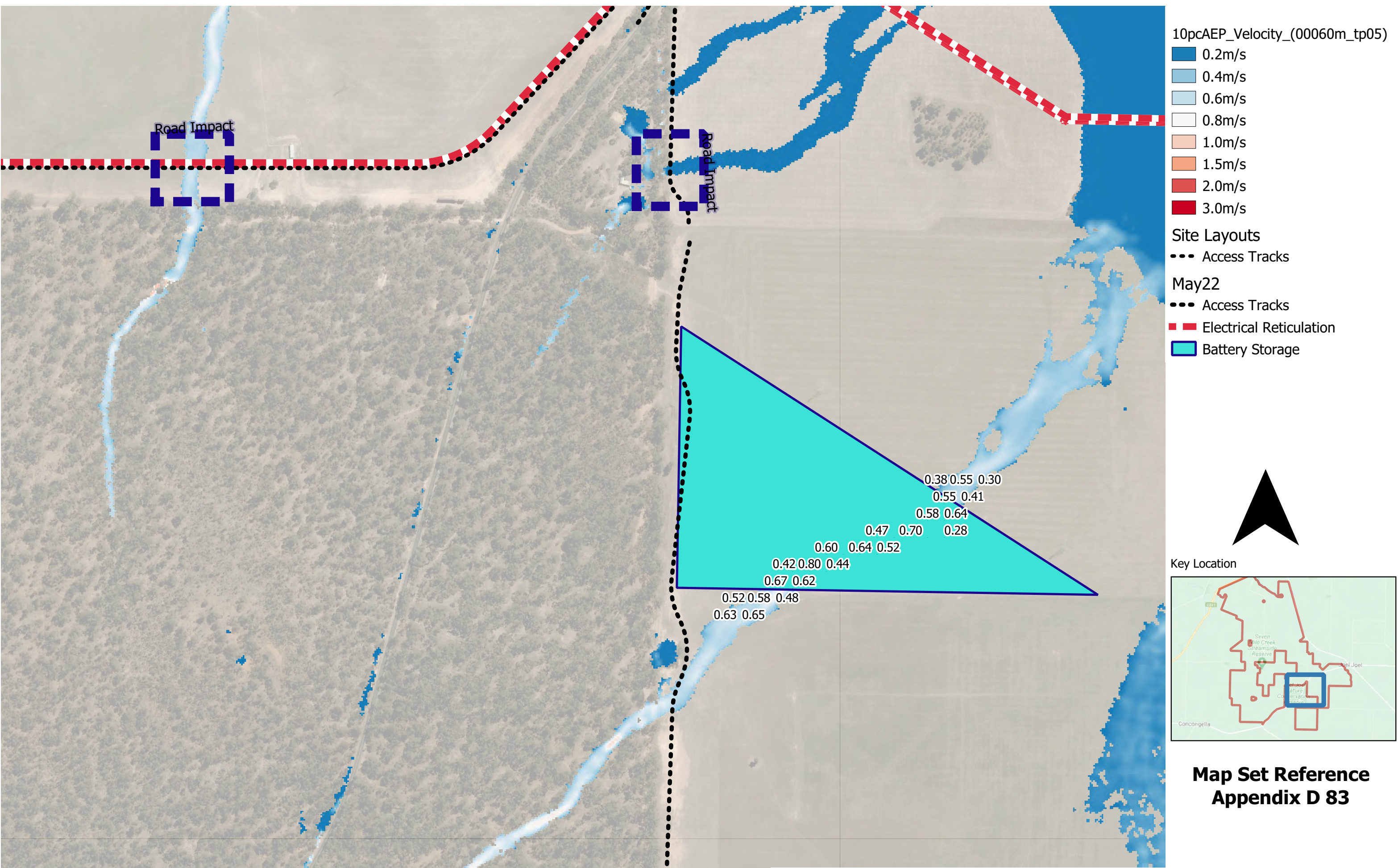
	Wind Turbines
	Access Tracks
	Electrical Reticulation



**Map Set Reference
Appendix D 82**

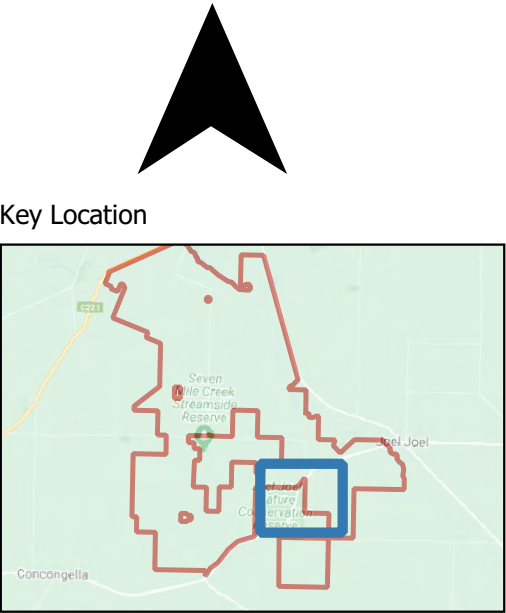
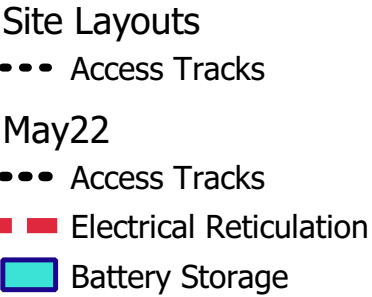
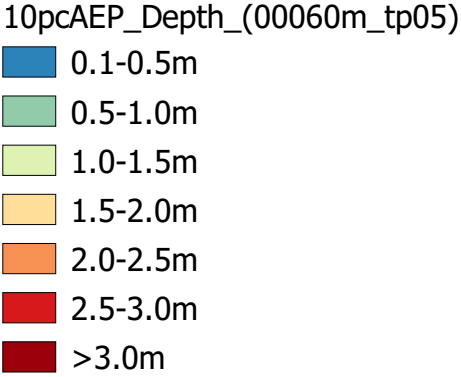
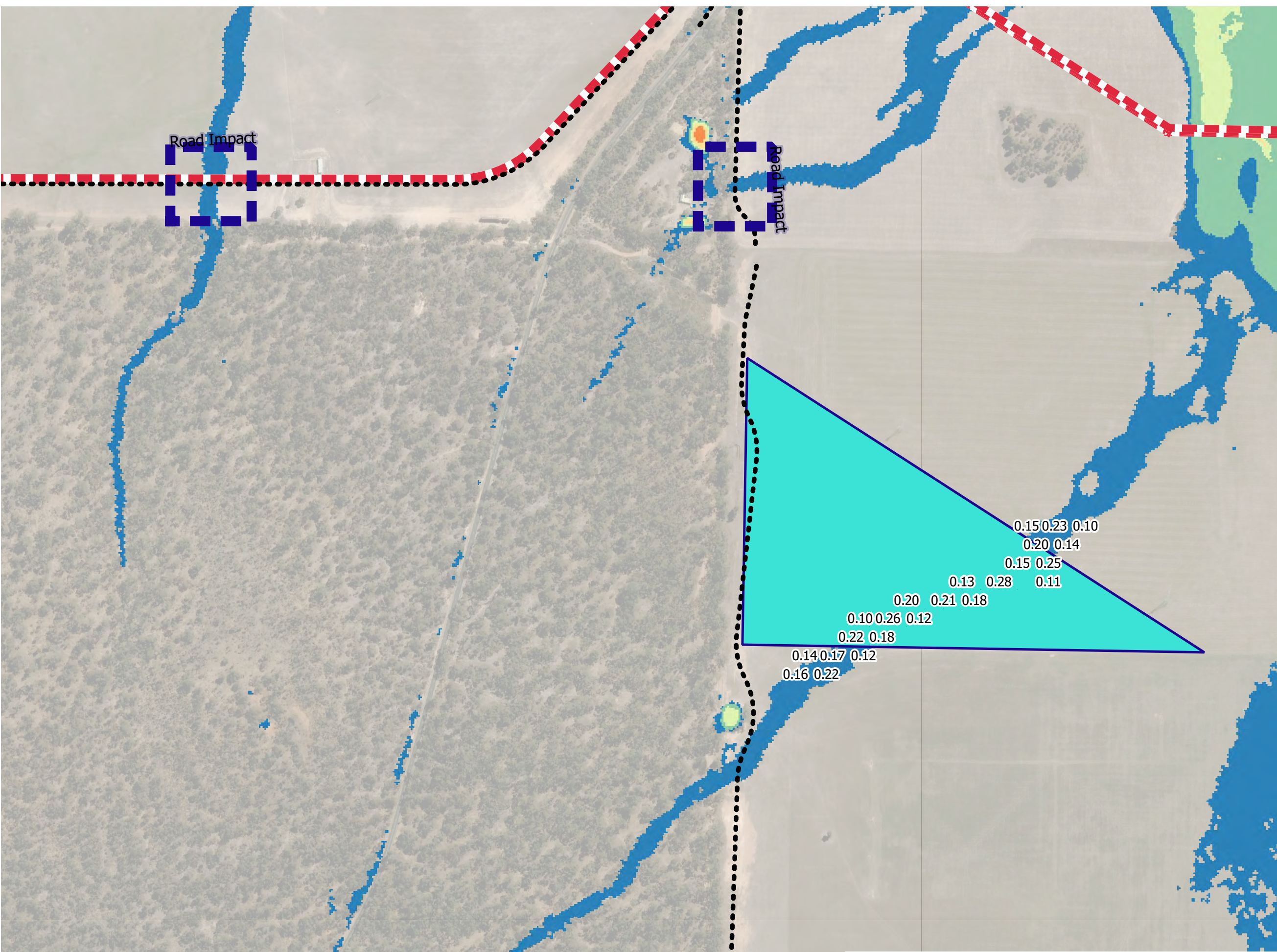


Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

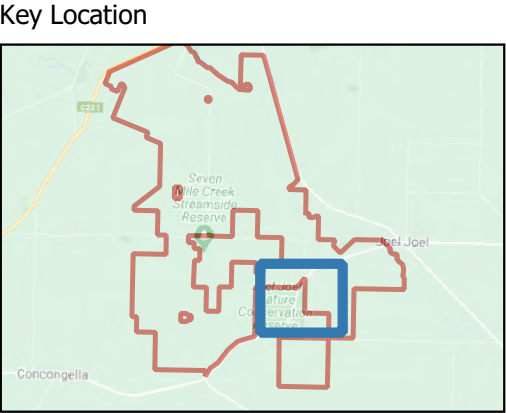
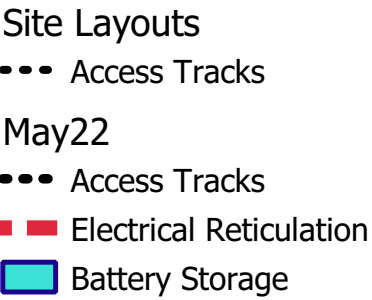
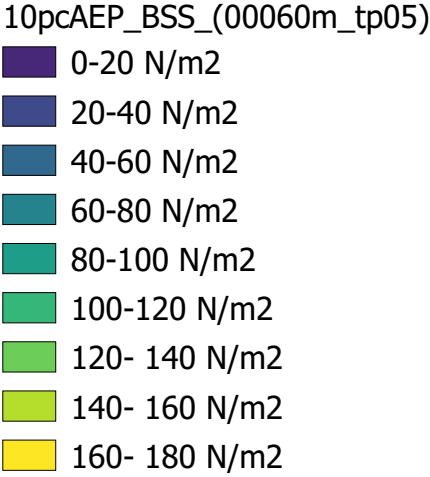
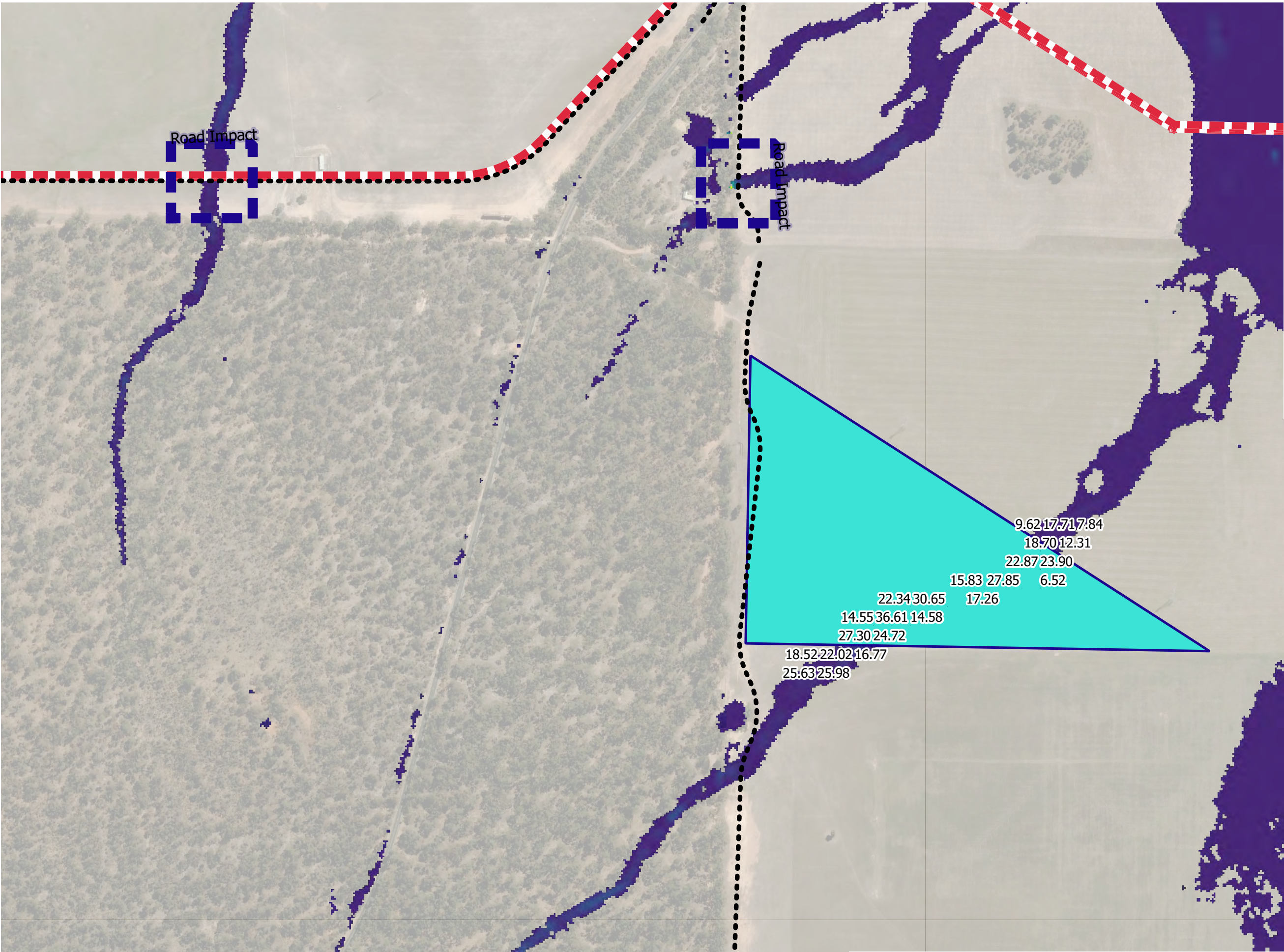
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



Map Set Reference
Appendix D 84

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftt, Google Satellite 2021

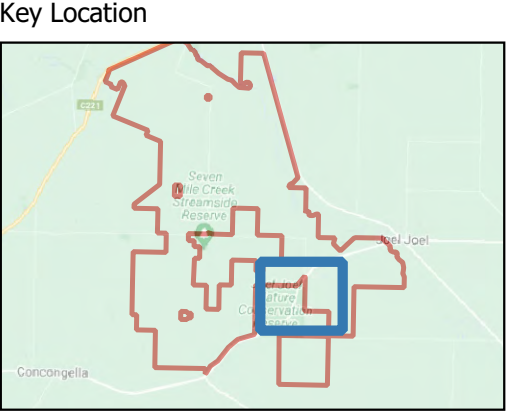
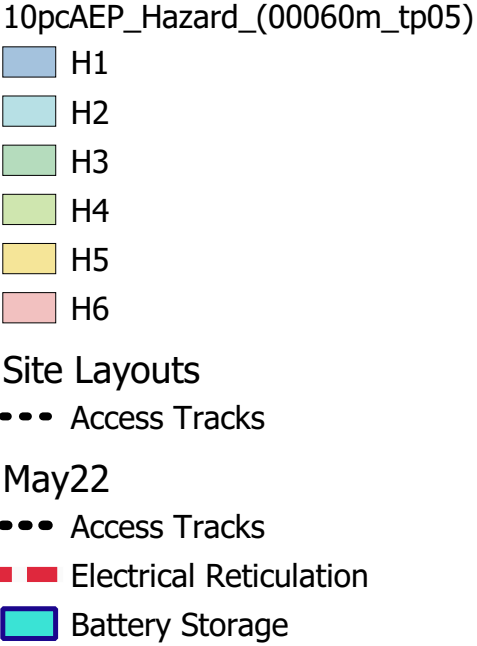
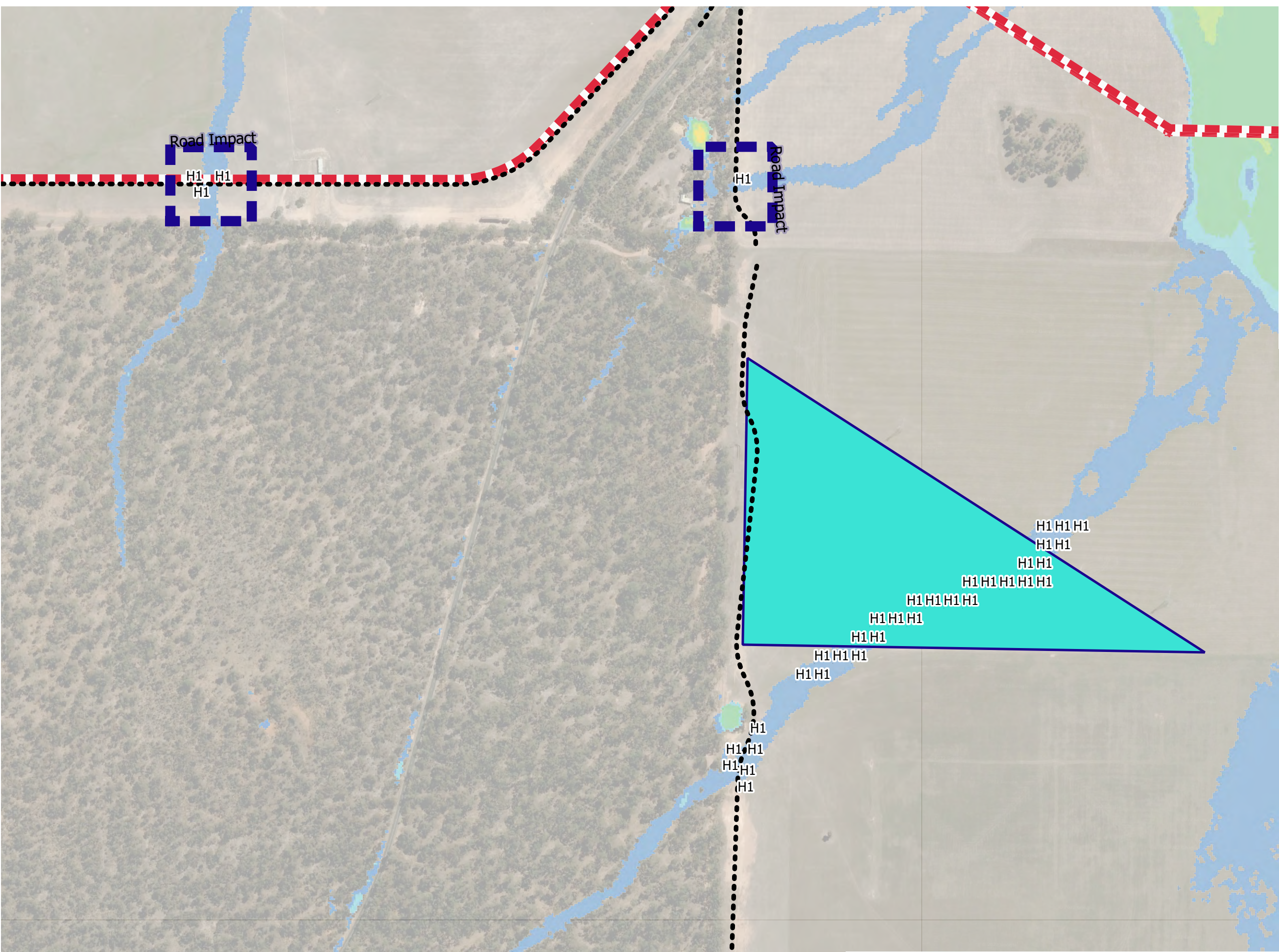
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



**Map Set Reference
Appendix D 85**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

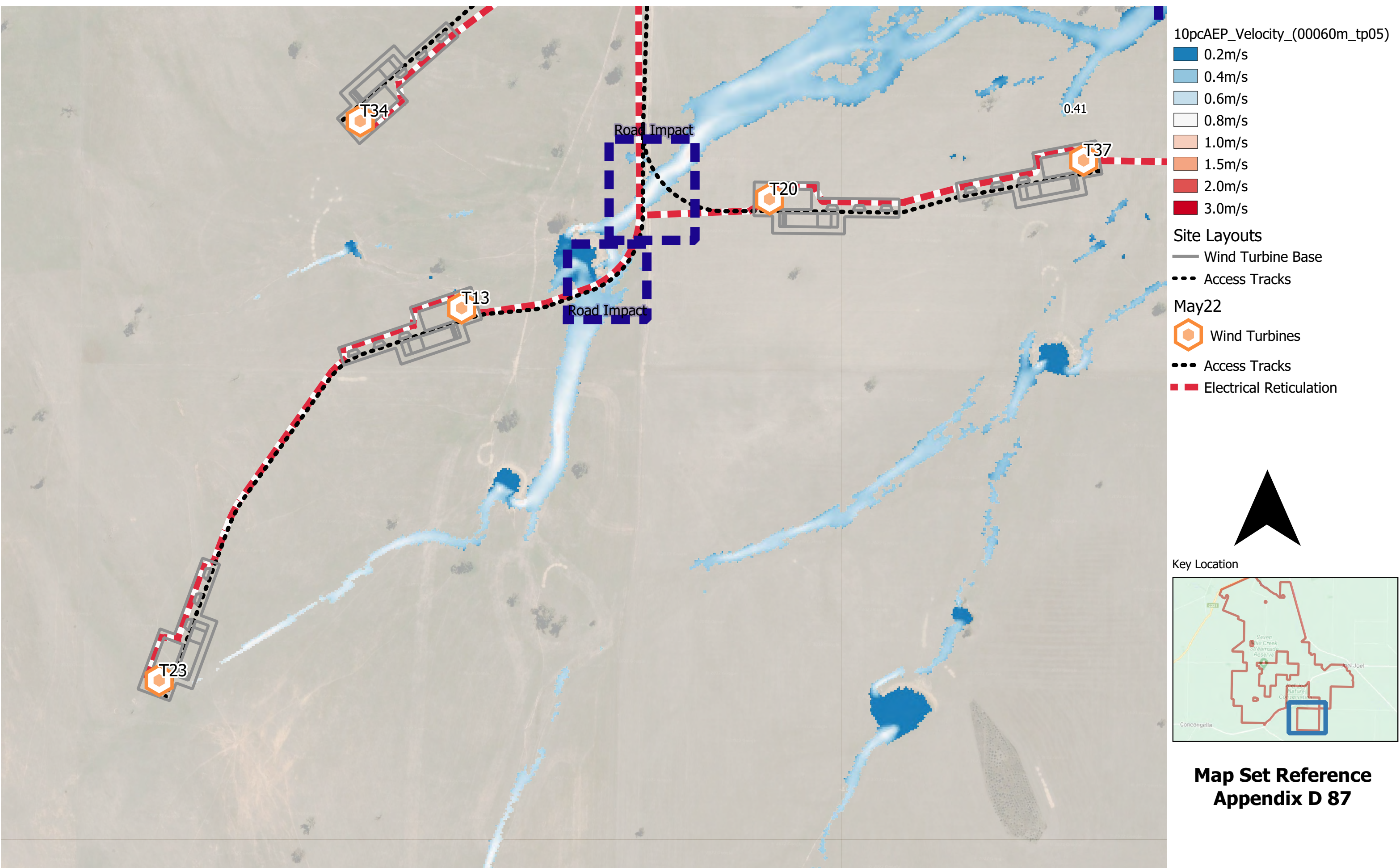
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)



**Map Set Reference
Appendix D 86**

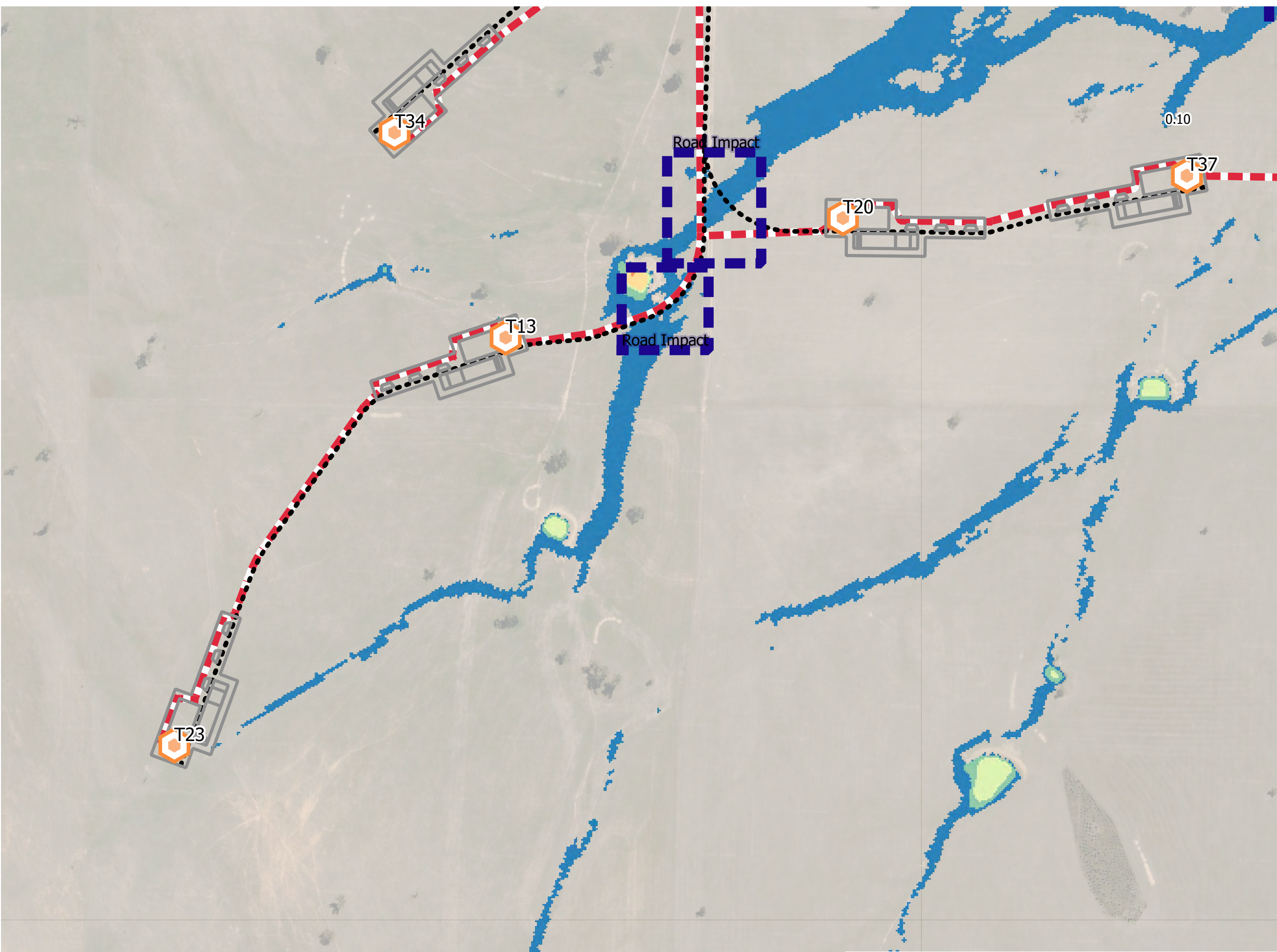
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1



Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flow Velocity (m/s)



10pcAEP_Depth_(00060m_tp05)

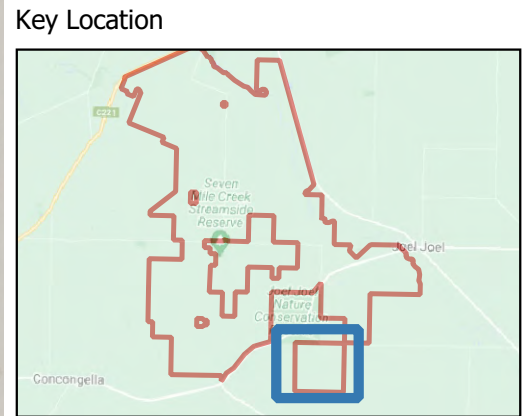
- 0.1-0.5m
- 0.5-1.0m
- 1.0-1.5m
- 1.5-2.0m
- 2.0-2.5m
- 2.5-3.0m
- >3.0m

Site Layouts

- Wind Turbine Base
- Access Tracks

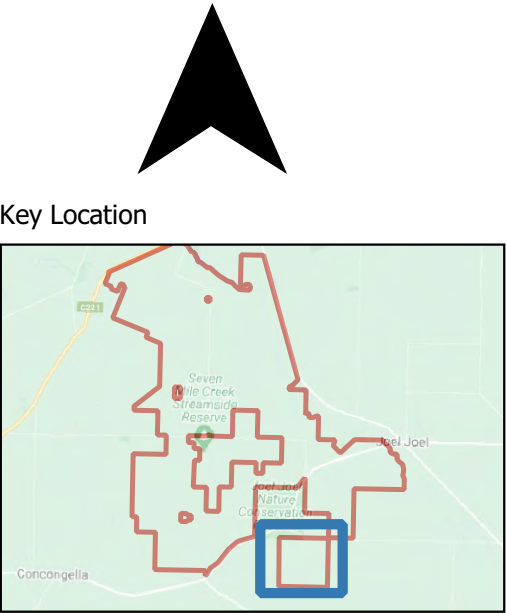
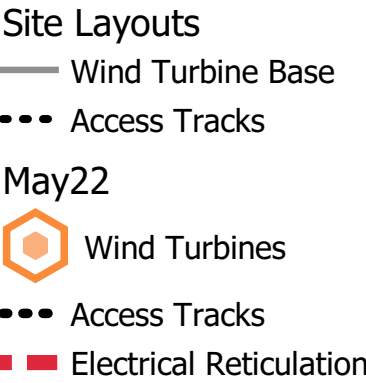
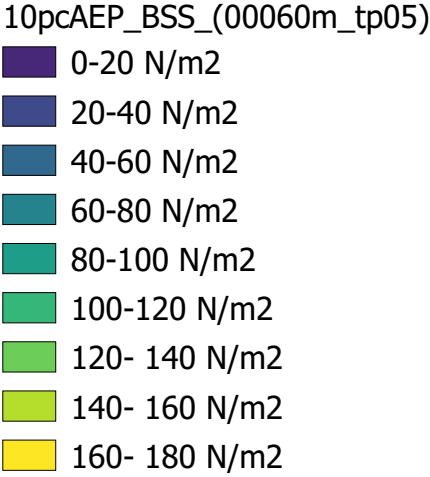
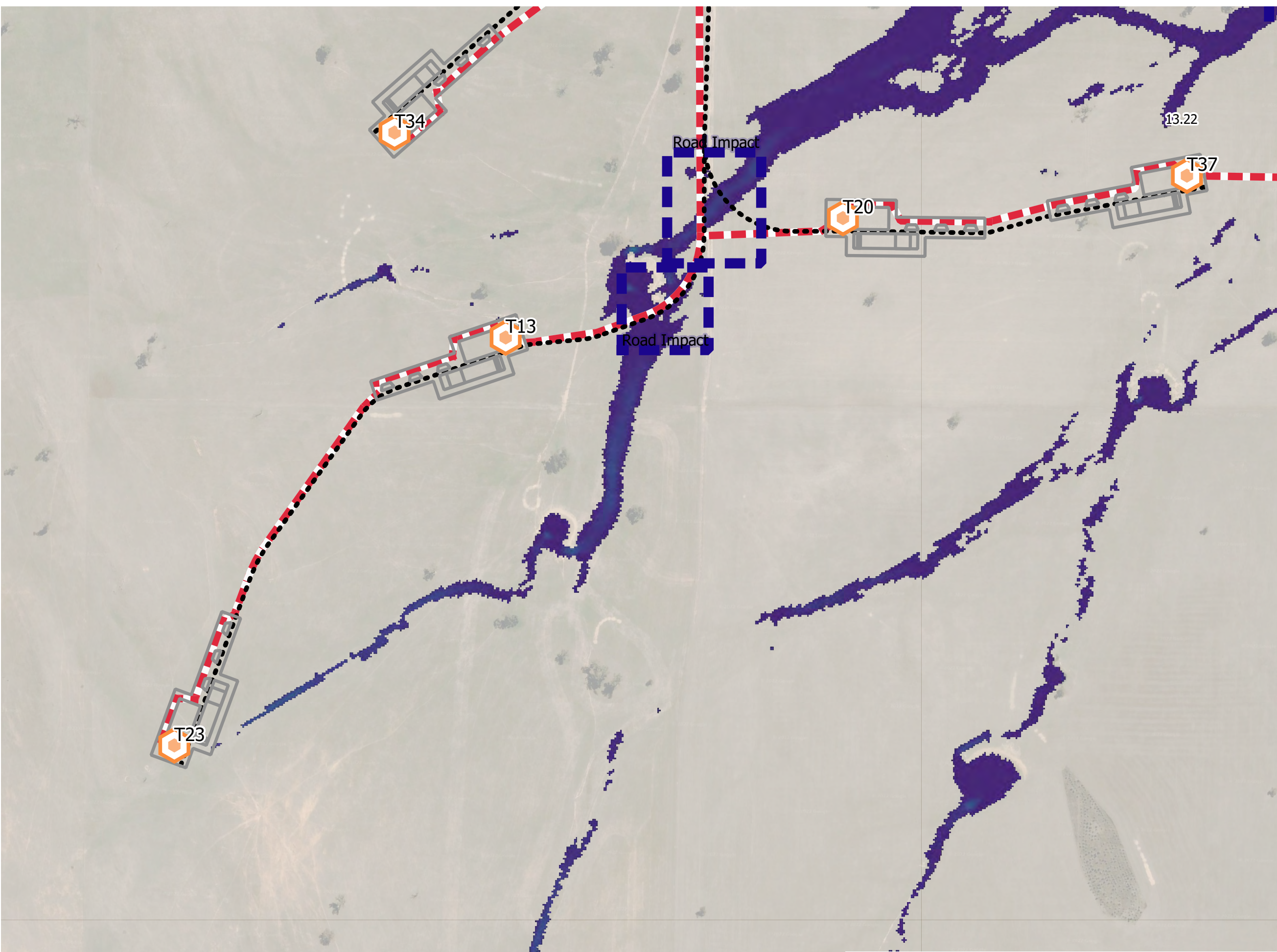
May22

- Wind Turbines
- Access Tracks
- Electrical Reticulation



**Map Set Reference
Appendix D 88**

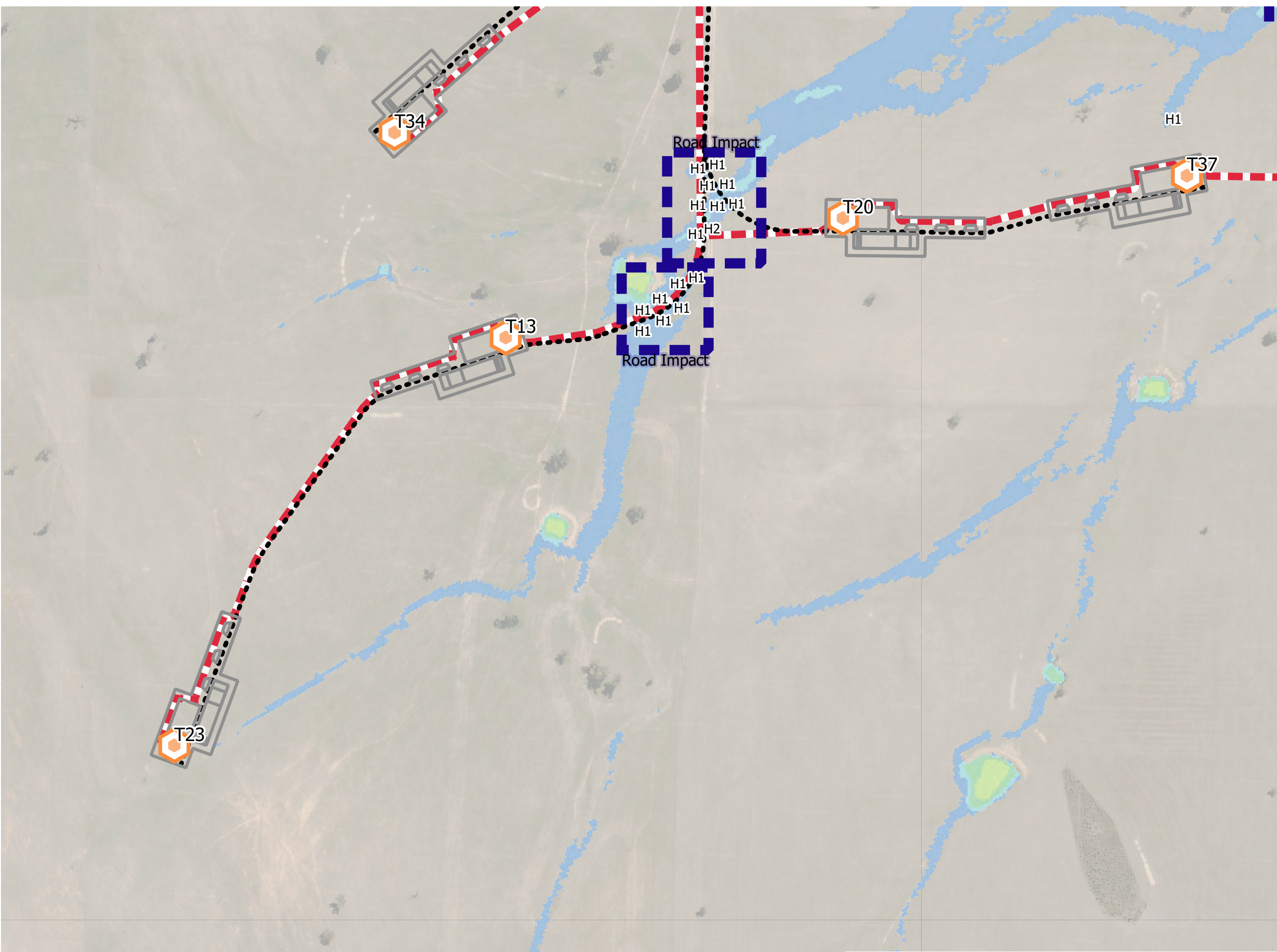
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftt, Google Satellite 2021



Map Set Reference
Appendix D 89

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

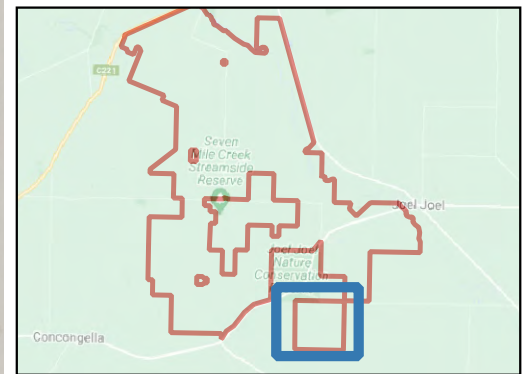
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)



- 10pcAEP_Hazard_(00060m_tp05)
- H1
 - H2
 - H3
 - H4
 - H5
 - H6
- Site Layouts
- Wind Turbine Base
 - ... Access Tracks
- May22
- Wind Turbines
 - ... Access Tracks
 - Electrical Reticulation



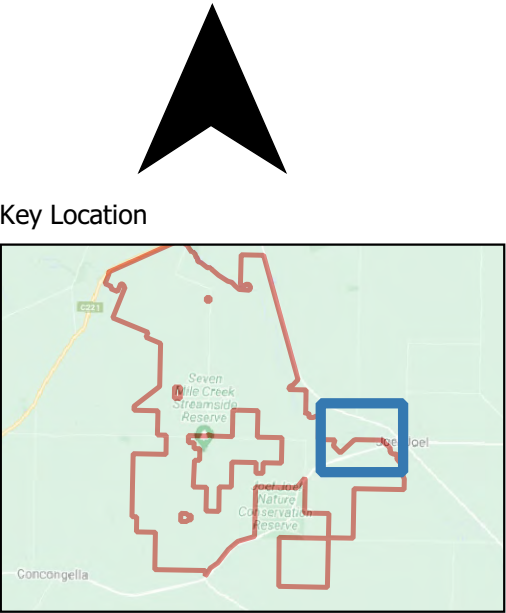
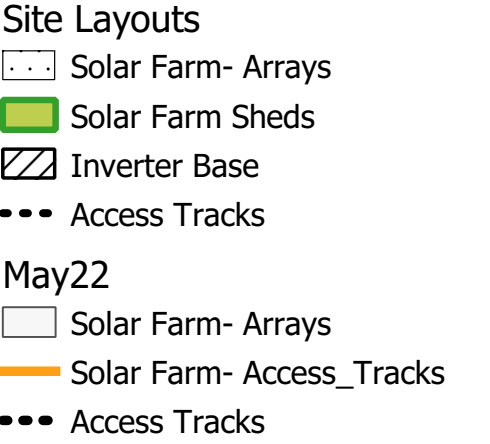
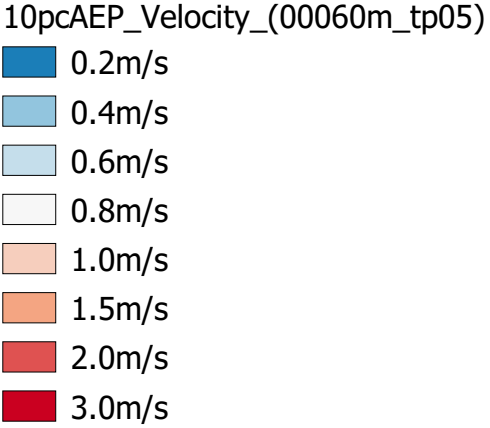
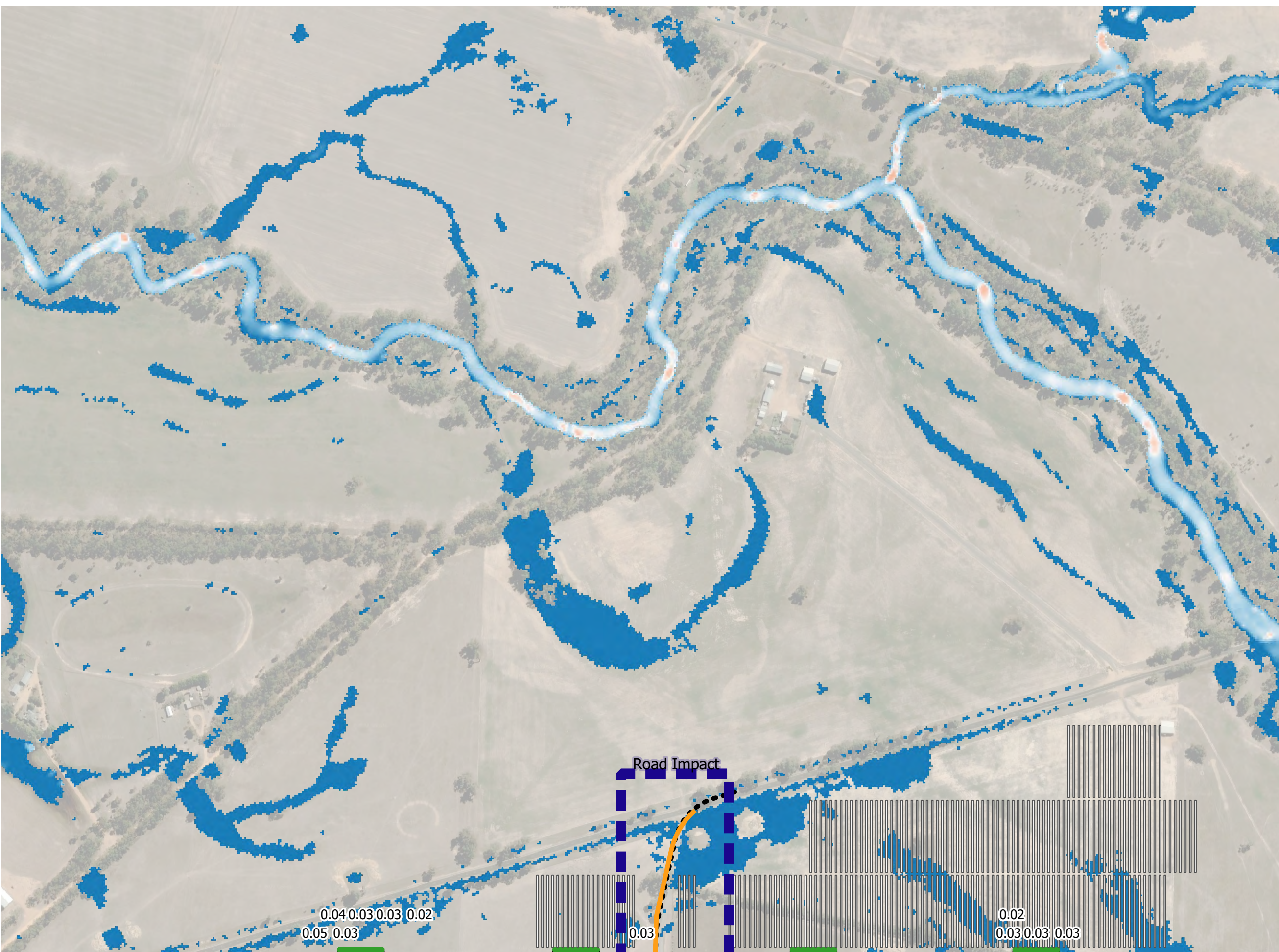
Key Location



**Map Set Reference
Appendix D 90**

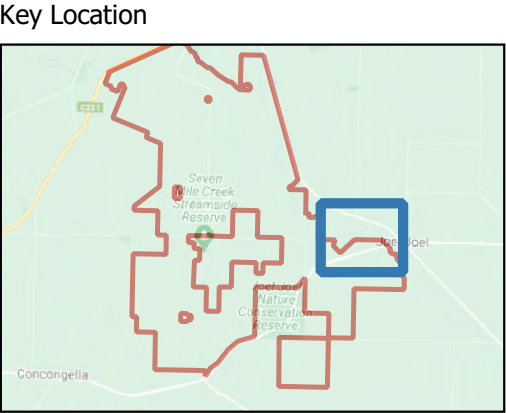
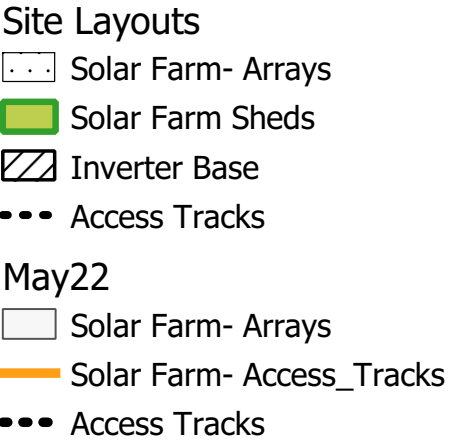
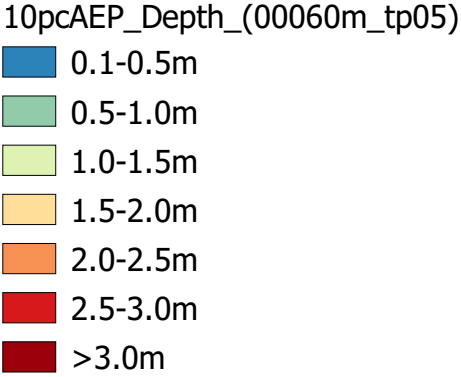
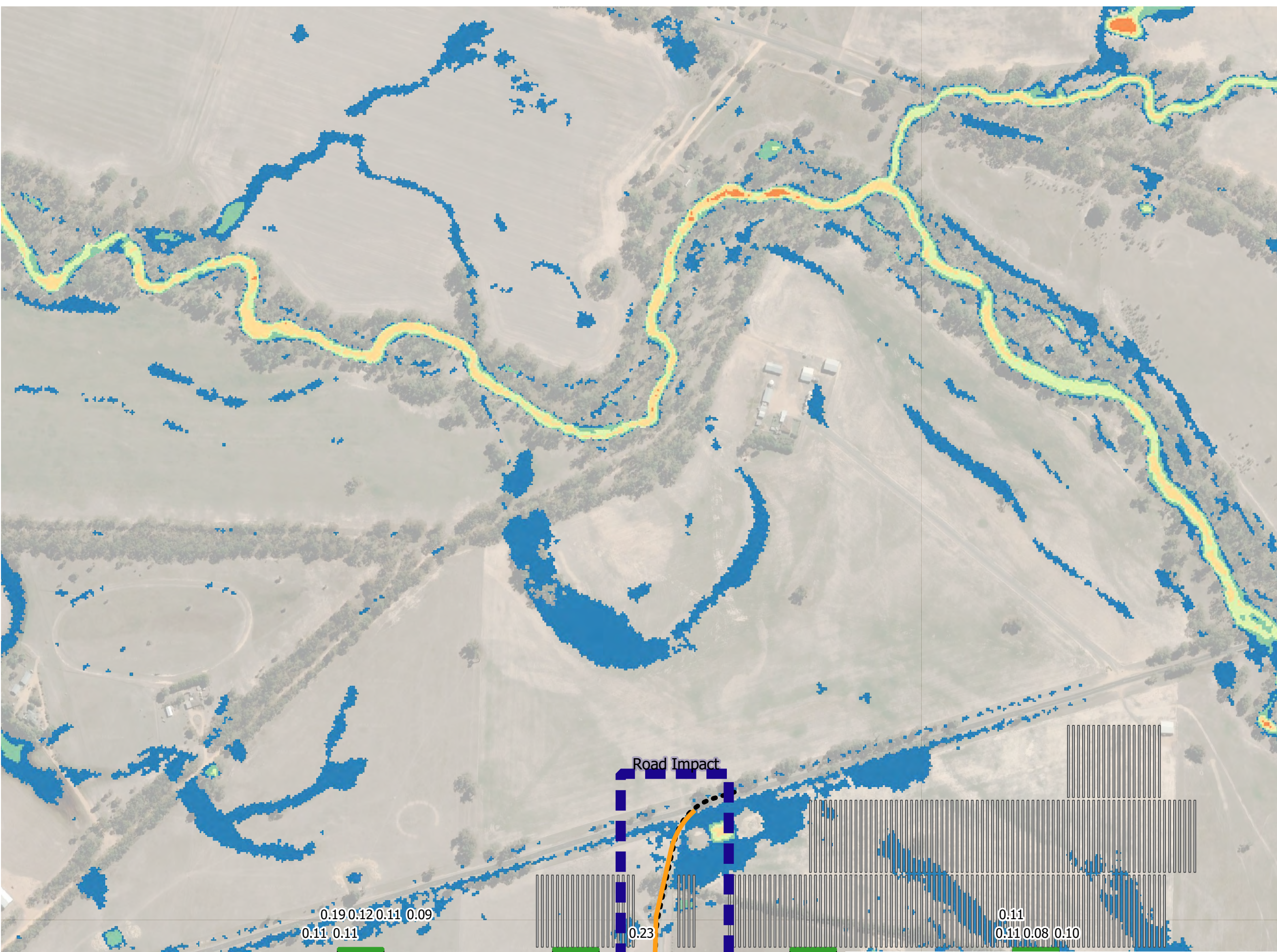
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1



Map Set Reference
Appendix D 91

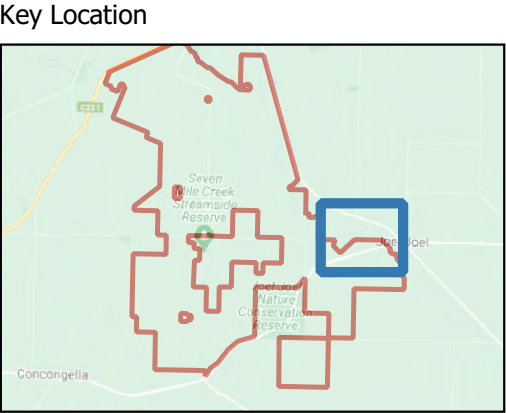
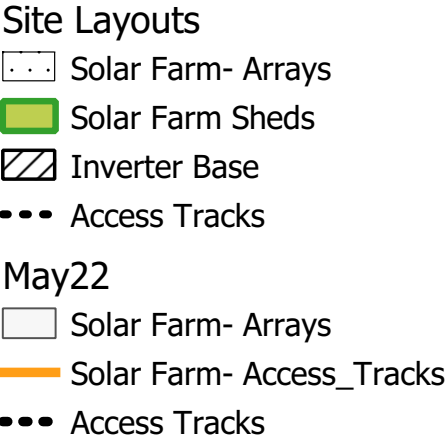
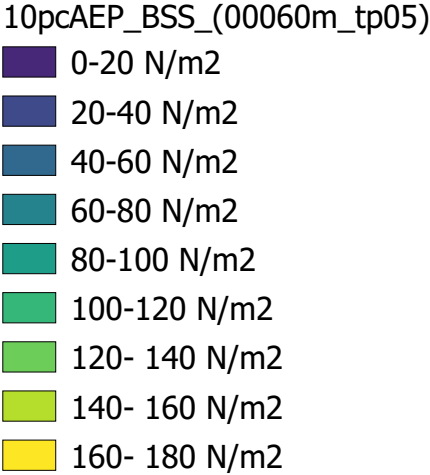
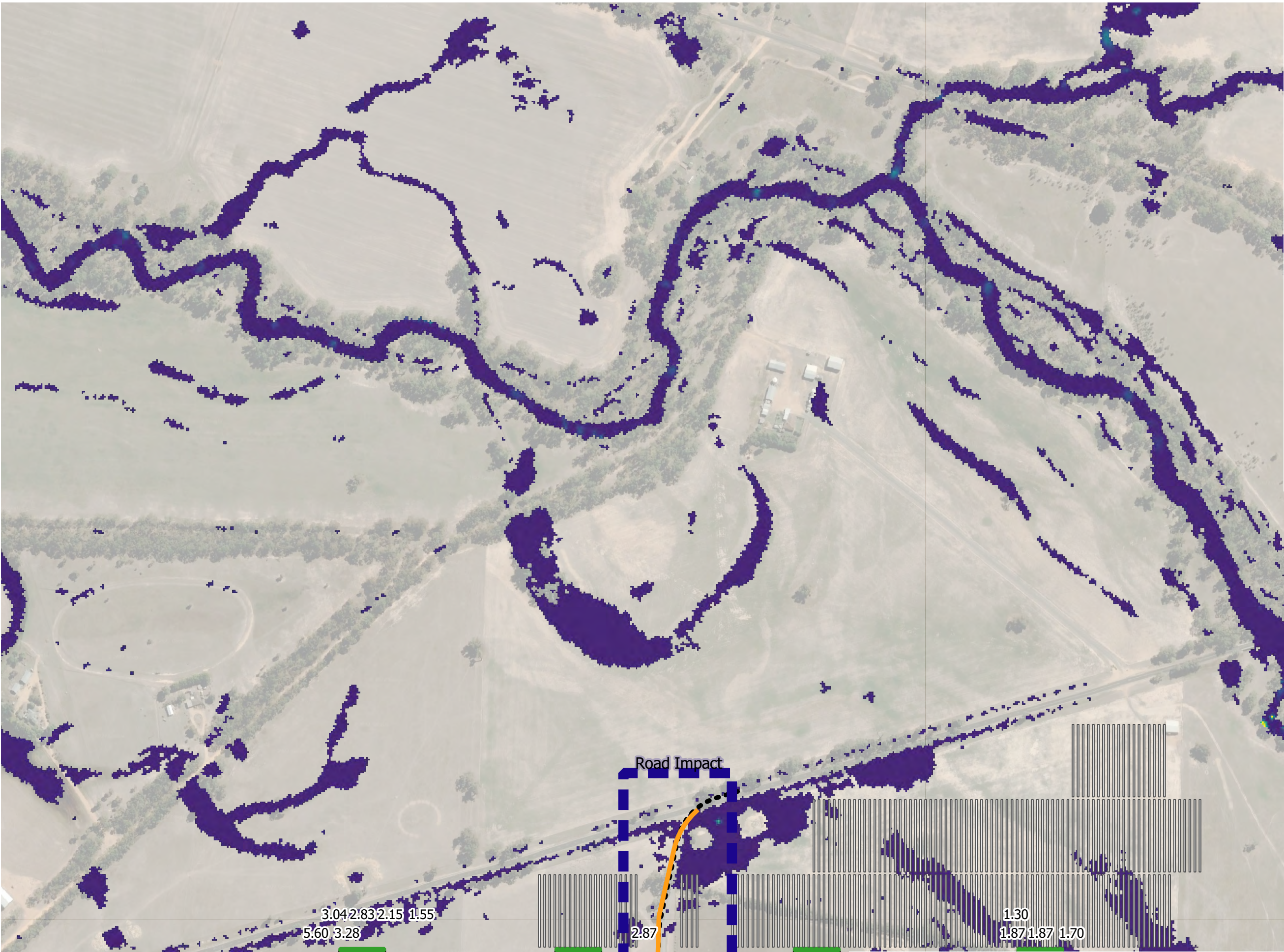
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021



Map Set Reference
Appendix D 92

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ft, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



**Map Set Reference
Appendix D 93**

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)



10pcAEP_Hazard_(00060m_tp05)

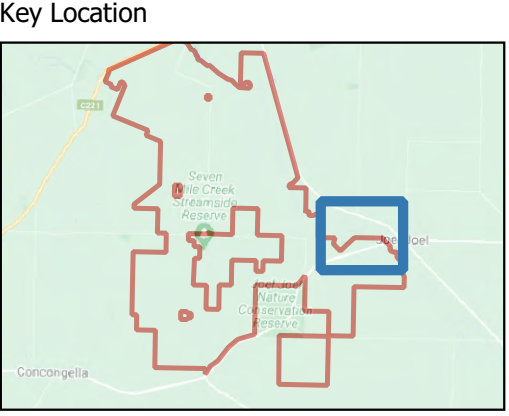
- H1
- H2
- H3
- H4
- H5
- H6

Site Layouts

- Solar Farm- Arrays
- Solar Farm Sheds
- Inverter Base
- Access Tracks

May22

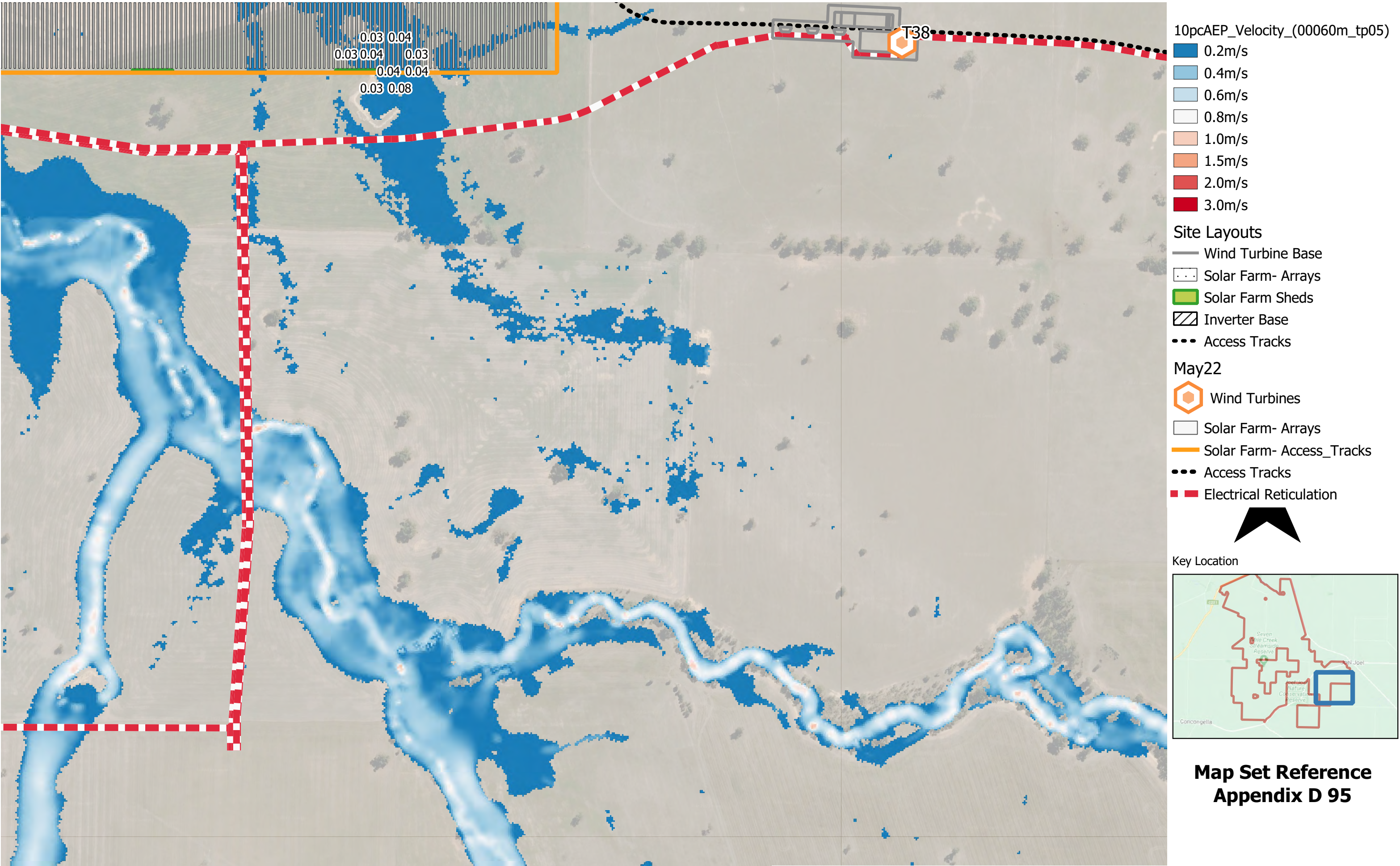
- Solar Farm- Arrays
- Solar Farm- Access_Tracks
- Access Tracks



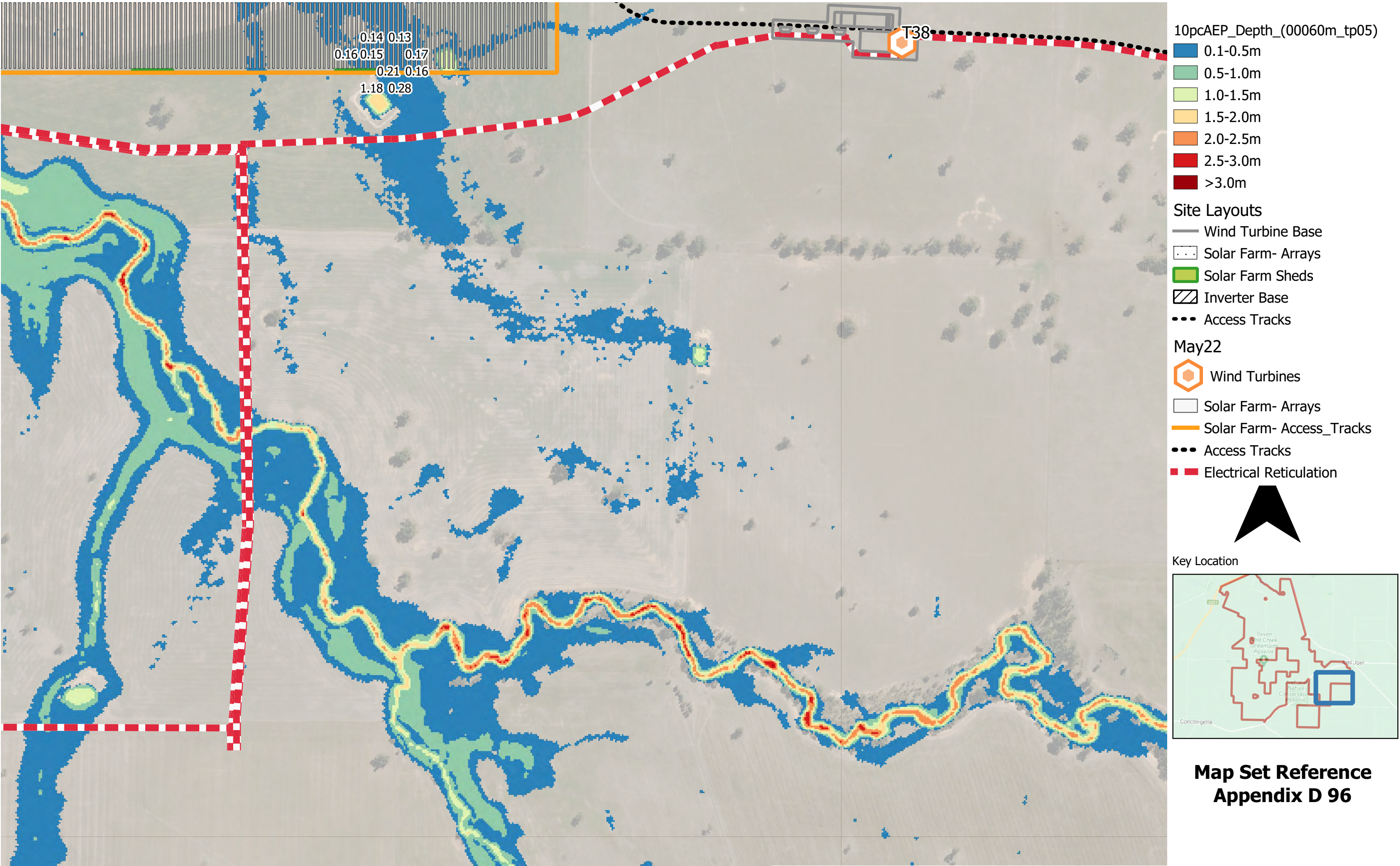
Map Set Reference
Appendix D 94

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1

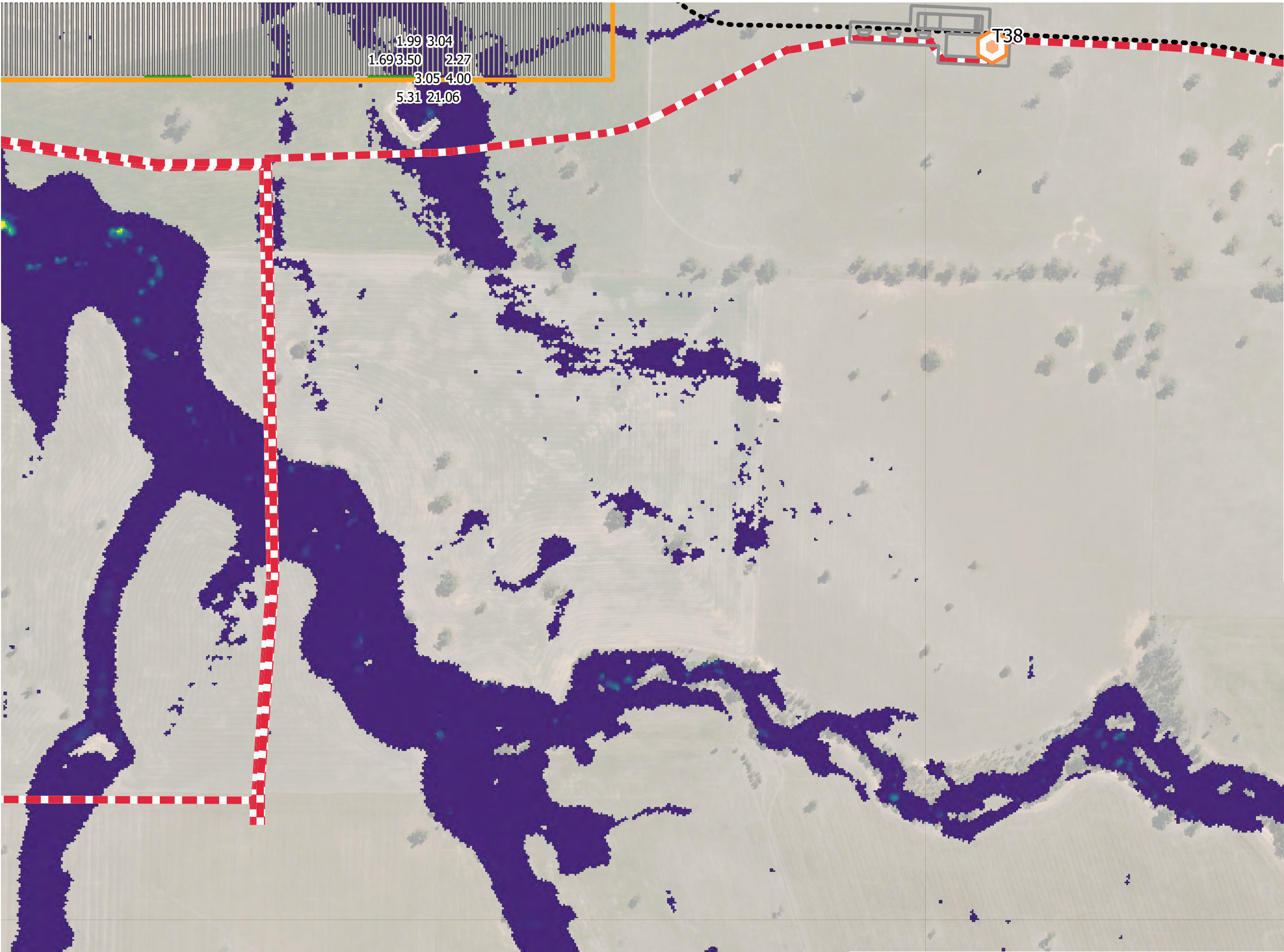


Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021



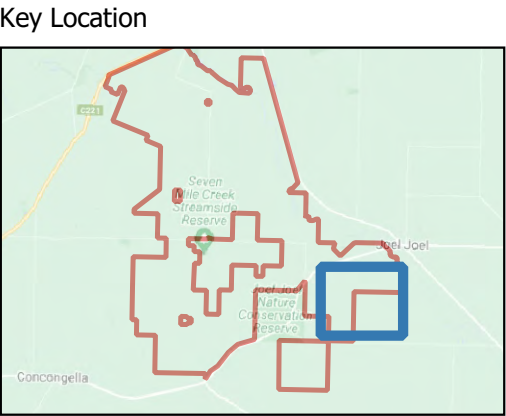
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP Flood Depth (m)



- 10pcAEP_BSS_(00060m_tp05)
- 0-20 N/m2
 - 20-40 N/m2
 - 40-60 N/m2
 - 60-80 N/m2
 - 80-100 N/m2
 - 100-120 N/m2
 - 120- 140 N/m2
 - 140- 160 N/m2
 - 160- 180 N/m2

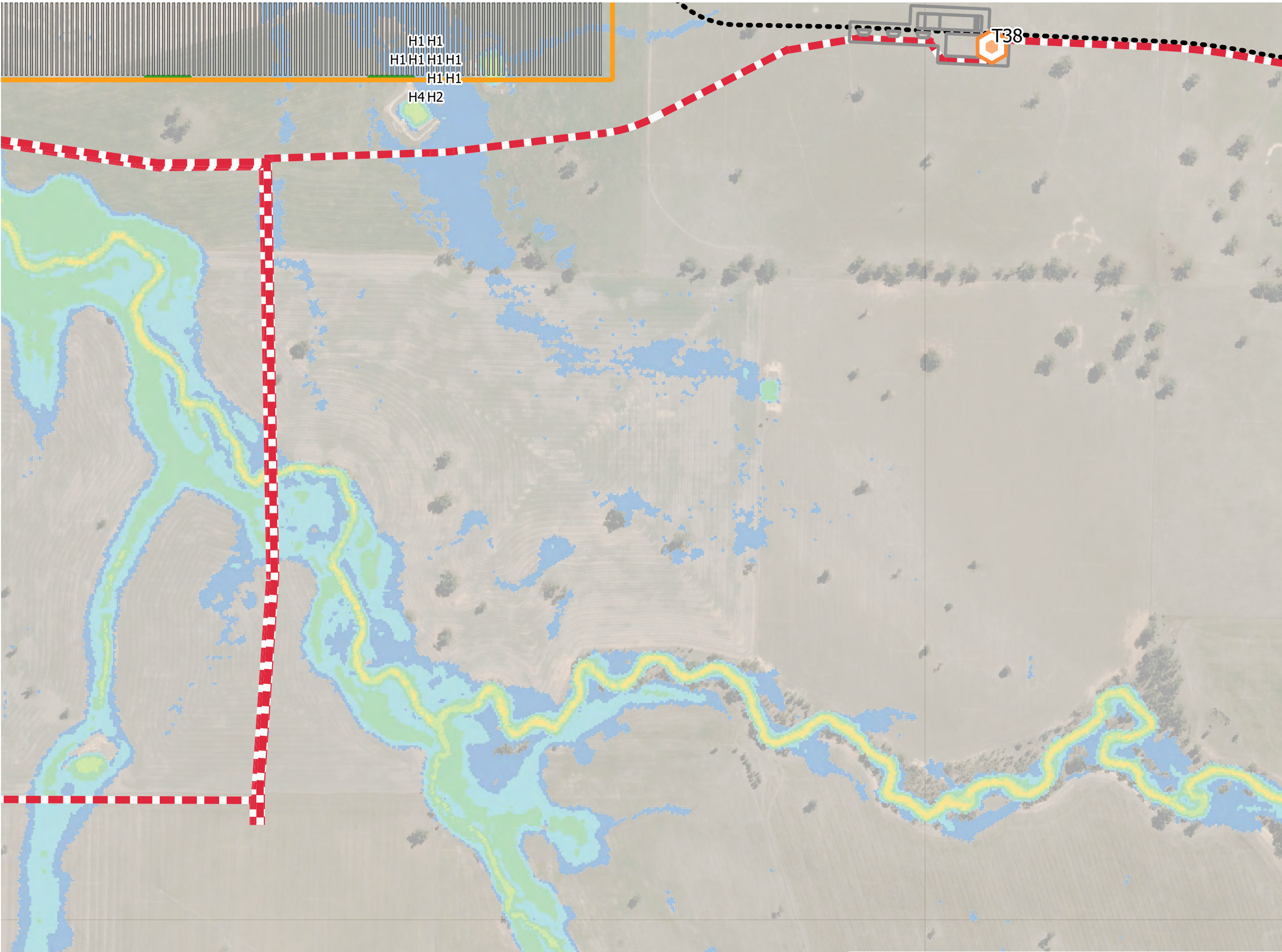
- Site Layouts
- Wind Turbine Base
 - Solar Farm- Arrays
 - Solar Farm Sheds
 - Inverter Base
 - Access Tracks
- May22
- Wind Turbines
 - Solar Farm- Arrays
 - Solar Farm- Access_Tracks
 - Access Tracks
 - Electrical Reticulation



Map Set Reference
Appendix D 97

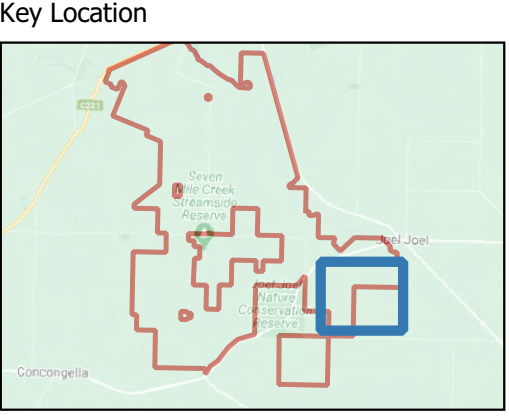
Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_BSS_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP BSS (m2/s)



- 10pcAEP_Hazard_(00060m_tp05)
- H1
 - H2
 - H3
 - H4
 - H5
 - H6

- Site Layouts
- Wind Turbine Base
 - Solar Farm- Arrays
 - Solar Farm Sheds
 - Inverter Base
 - Access Tracks
- May22
- Wind Turbines
 - Solar Farm- Arrays
 - Solar Farm- Access_Tracks
 - Access Tracks
 - Electrical Reticulation



Map Set Reference
Appendix D 98

Source: JoelJoel_5mGRD_10P_Crit_010.0y_00060m_tp05_ZAEM1_Max_filtered0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 10% AEP ZAEM1