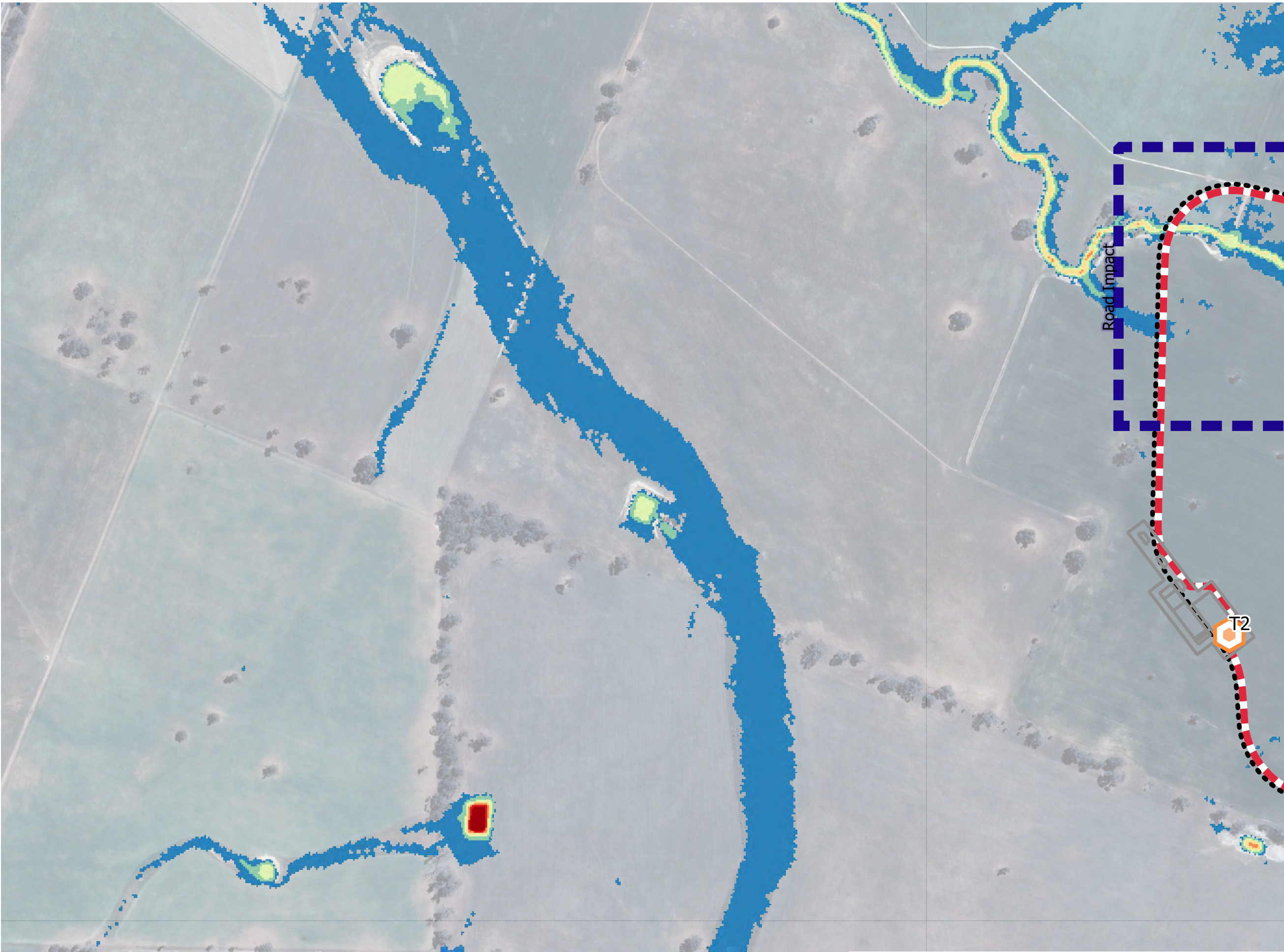

Appendix D - Figures (Flood extents)

Flood Maps. 39.35% AEP Results



39pcAEP_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

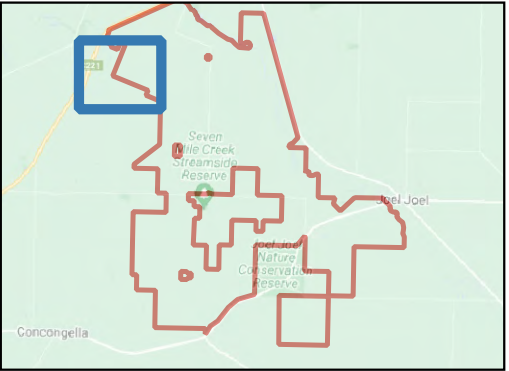
May22

Wind Turbines

--- Access Tracks

Electrical Reticulation

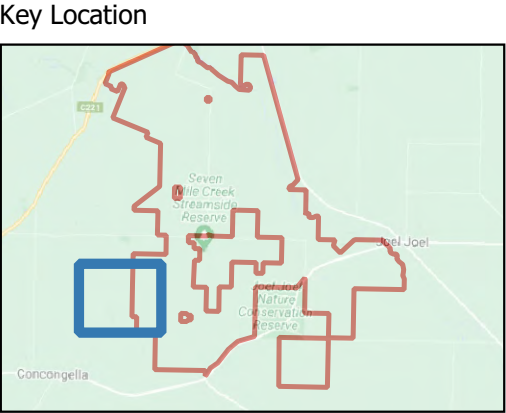
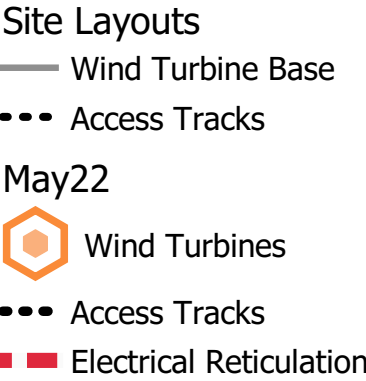
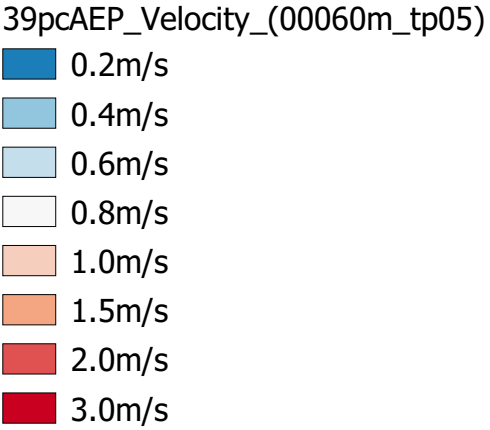
Key Location



**Map Set Reference
Appendix D 100**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



Map Set Reference
Appendix D 101

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)



39pcAEP_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

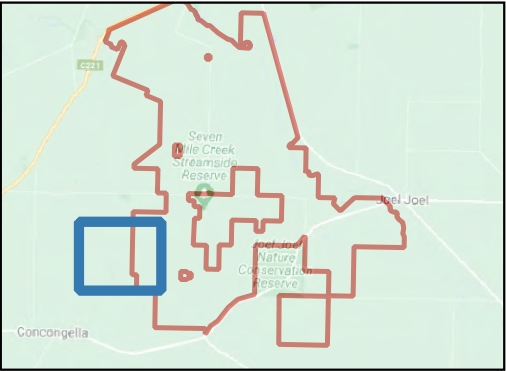
Wind Turbines

--- Access Tracks

Electrical Reticulation



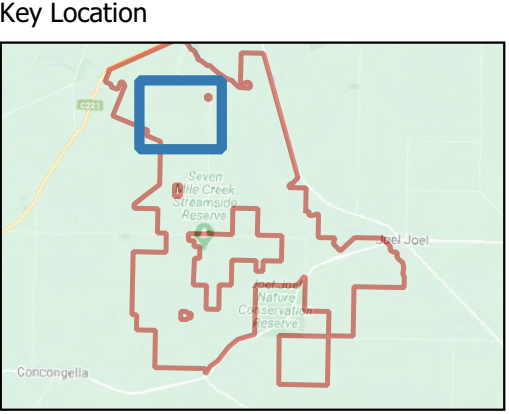
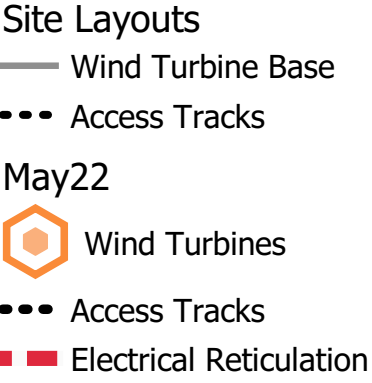
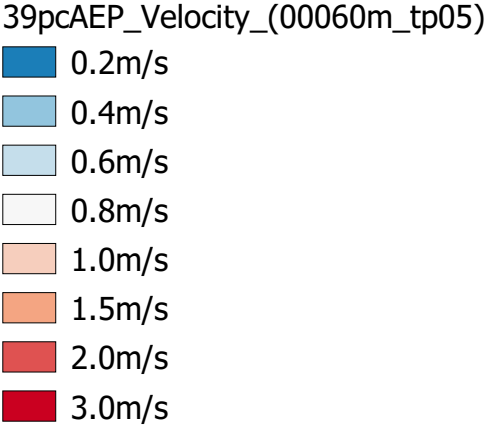
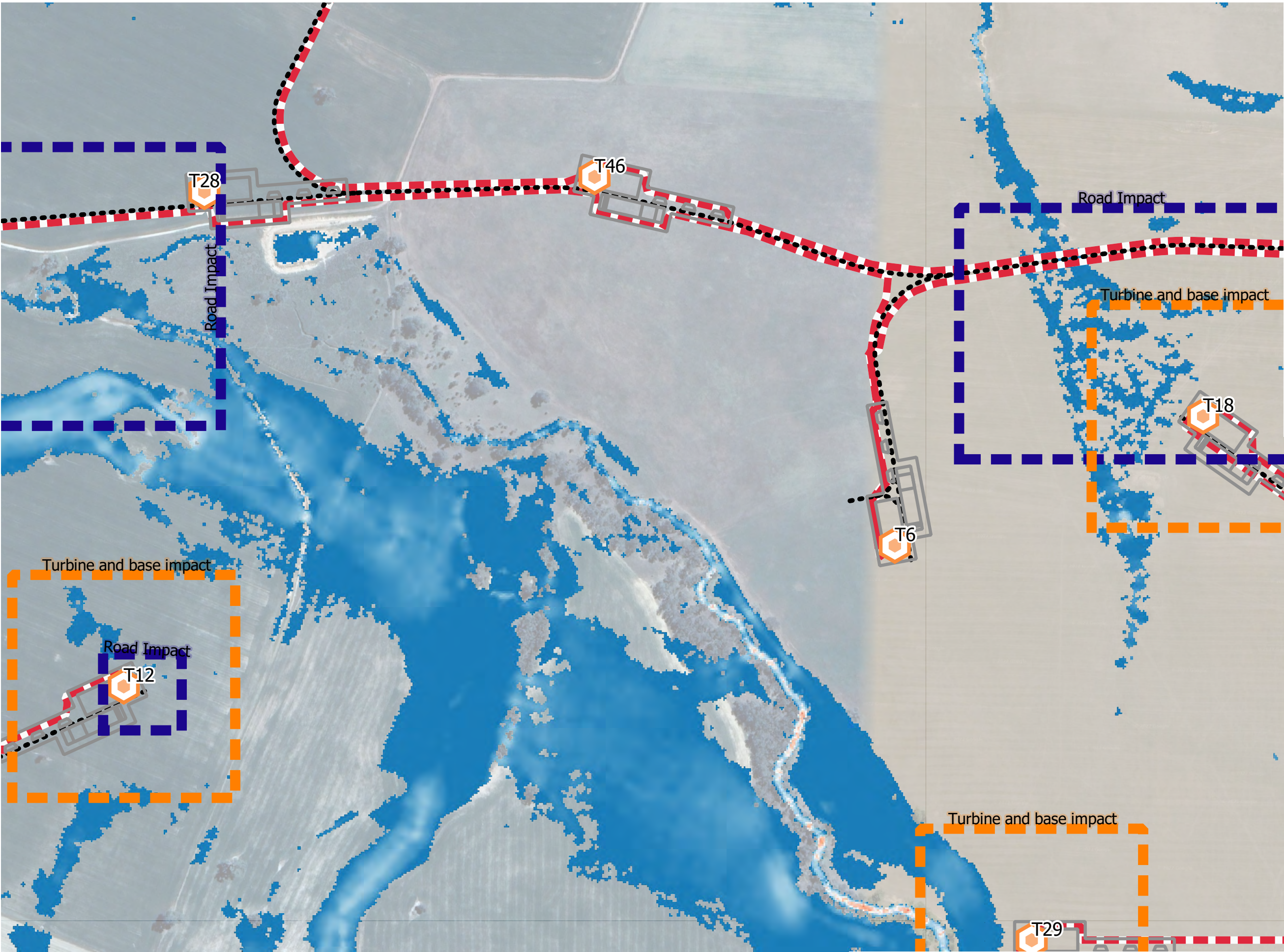
Key Location



**Map Set Reference
Appendix D 102**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



**Map Set Reference
Appendix D 103**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)

39pcAEP_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

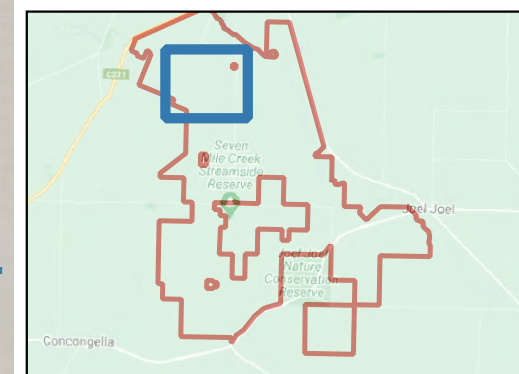
- Wind Turbine Base
- Access Tracks

May22

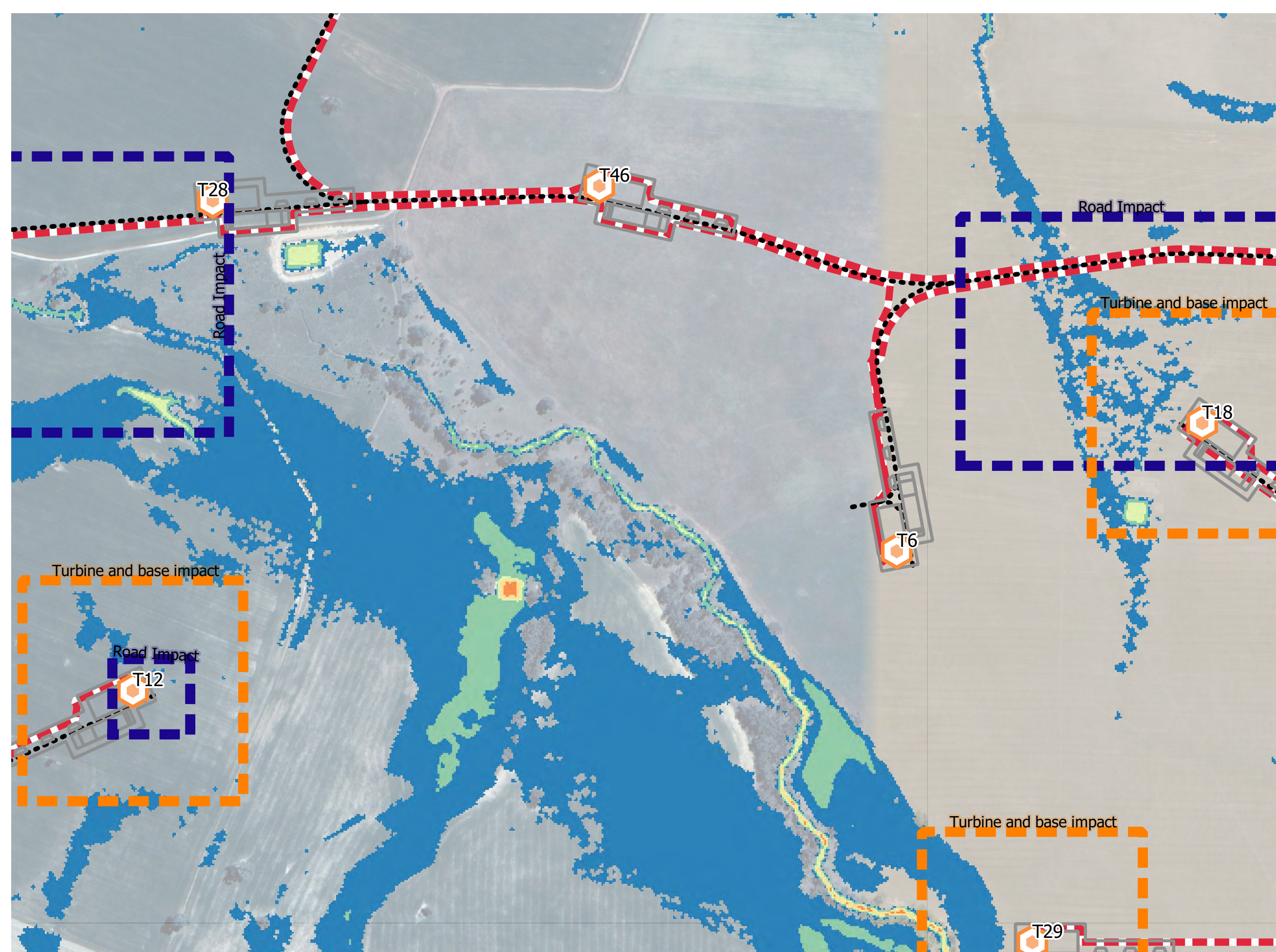
- Wind Turbines
- Access Tracks
- Electrical Reticulation



Key Location



**Map Set Reference
Appendix D 104**



Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ft, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)

39pcAEP_Velocity_(00060m_tp05)



Site Layouts

— Wind Turbine Base

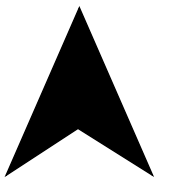
••• Access Tracks

May22

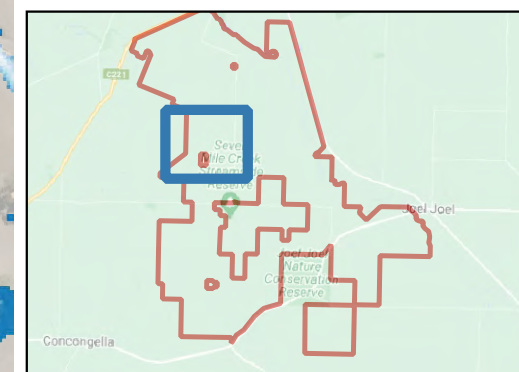
Wind Turbines

••• Access Tracks

Electrical Reticulation



Key Location



**Map Set Reference
Appendix D 105**

Turbine and base impact

Turbine and base impact

T47

T40

Road Impact

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)

Appendix D Page 105

39pcAEP_Depth_(00060m_tp05)

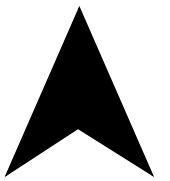
- 0.1-0.5m
- 0.5-1.0m
- 1.0-1.5m
- 1.5-2.0m
- 2.0-2.5m
- 2.5-3.0m
- >3.0m

Site Layouts

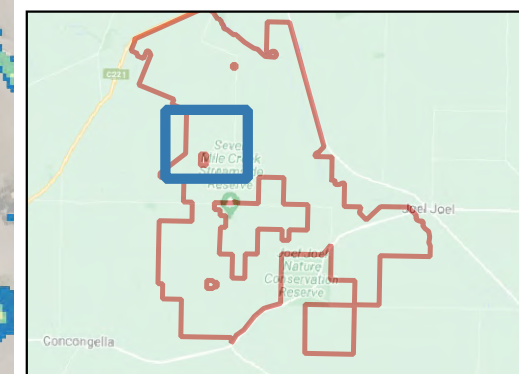
- Wind Turbine Base
- Access Tracks

May22

- Wind Turbines
- Access Tracks
- Electrical Reticulation



Key Location



**Map Set Reference
Appendix D 106**

Turbine and base impact

Turbine and base impact

T47

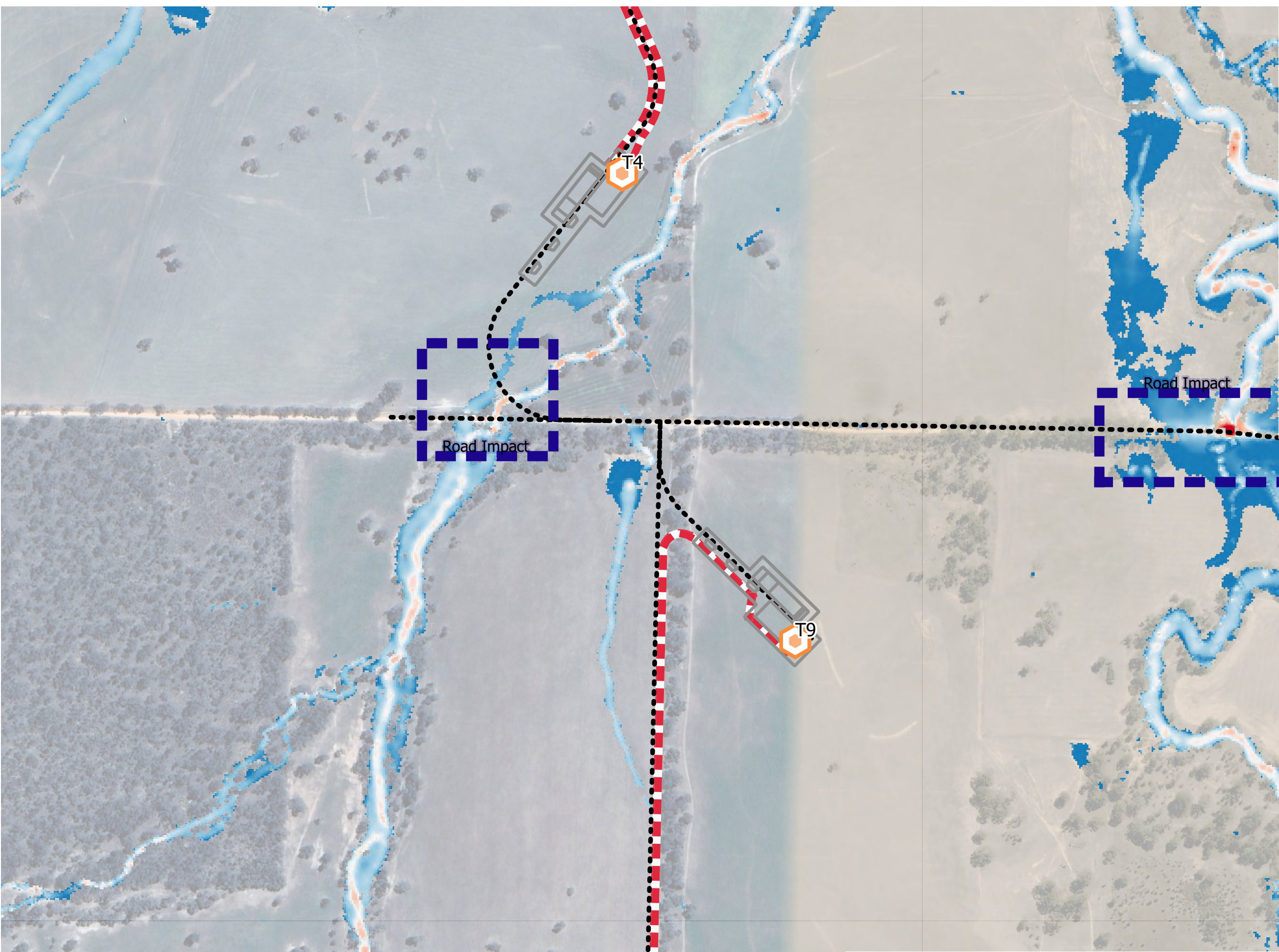
T40

Road Impact

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)

Appendix D Page 106



39pcAEP_Velocity_00060m_tp05

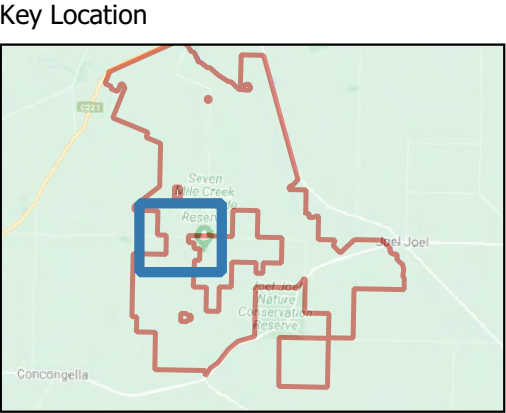
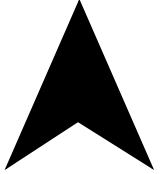
- 0.2m/s
- 0.4m/s
- 0.6m/s
- 0.8m/s
- 1.0m/s
- 1.5m/s
- 2.0m/s
- 3.0m/s

Site Layouts

- Wind Turbine Base
- Access Tracks

May22

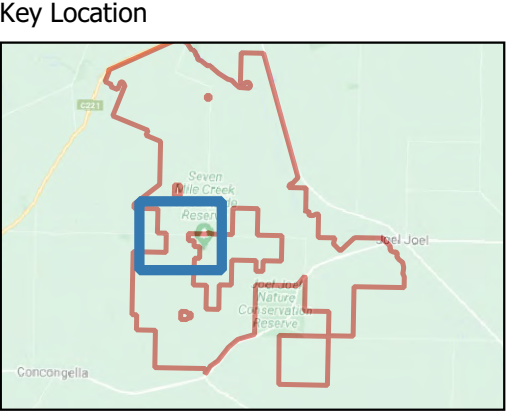
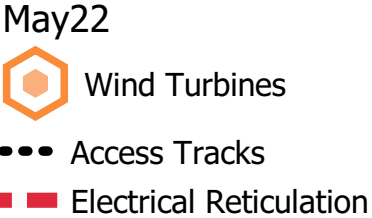
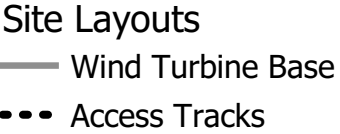
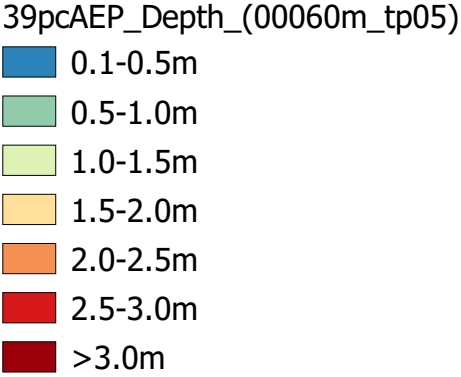
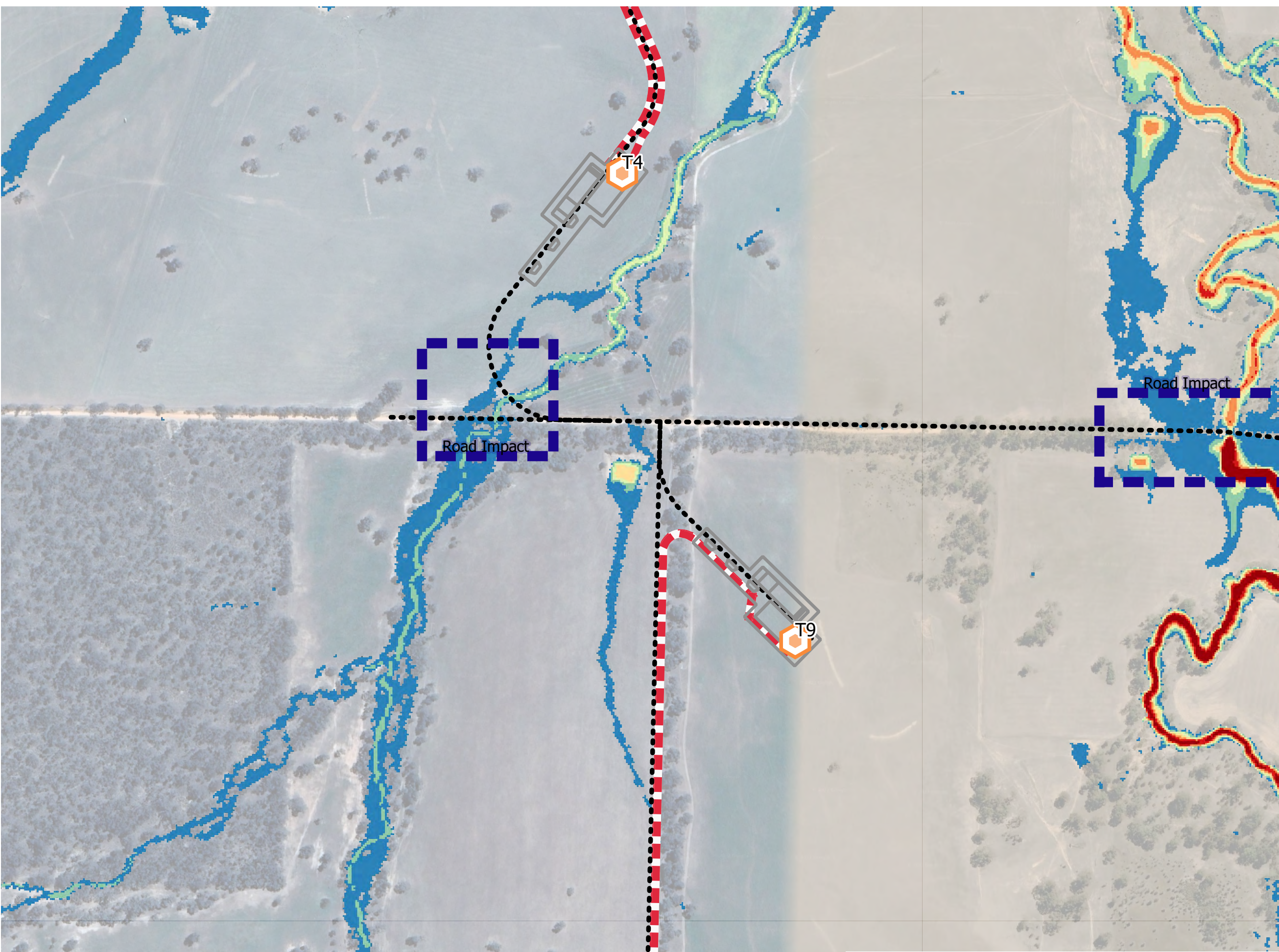
- Wind Turbines
- Access Tracks
- Electrical Reticulation



**Map Set Reference
Appendix D 107**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

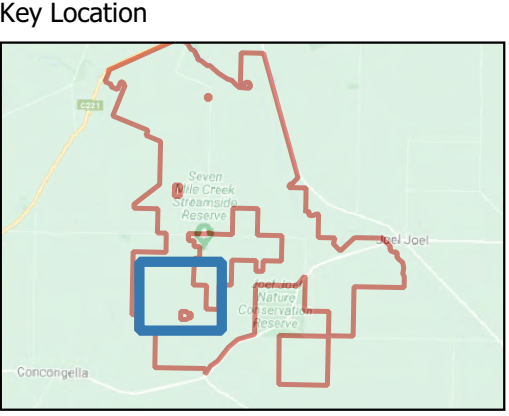
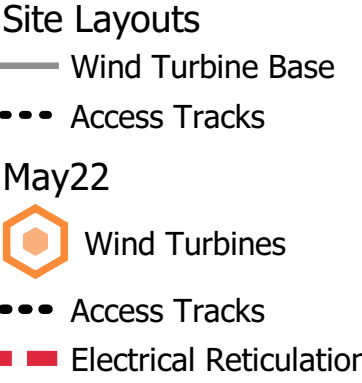
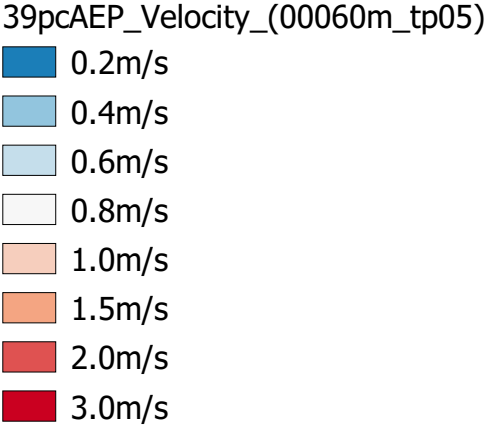
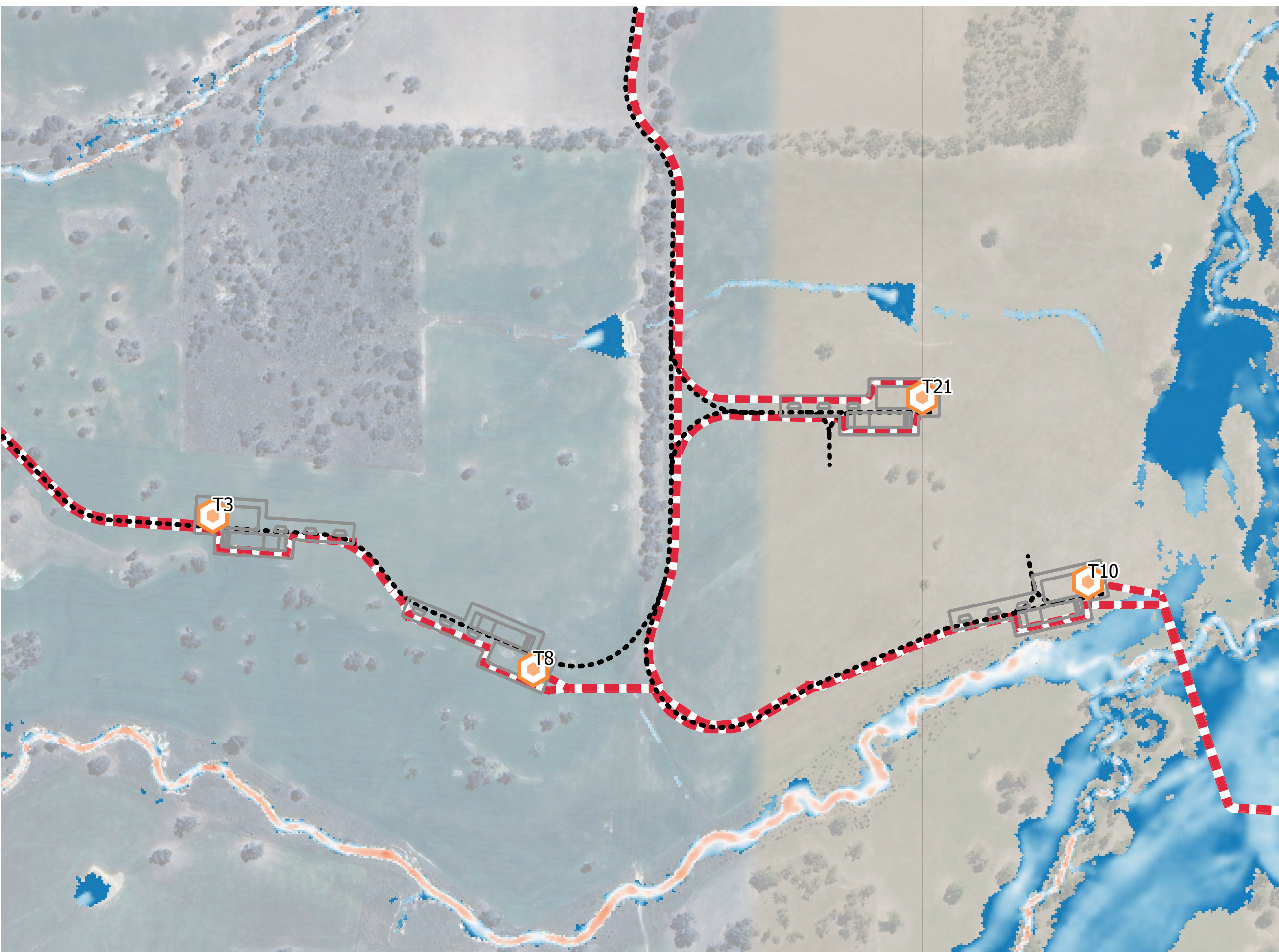
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)



Map Set Reference
Appendix D 108

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

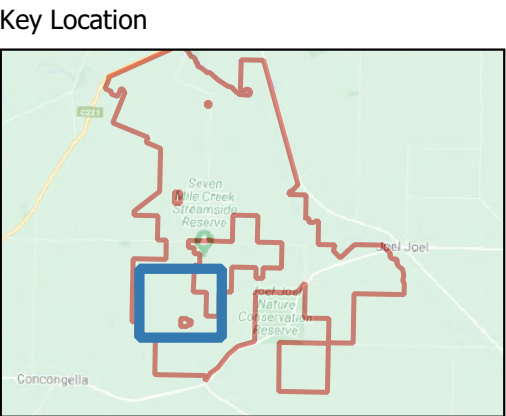
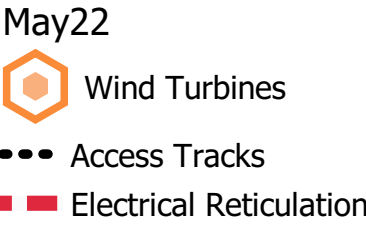
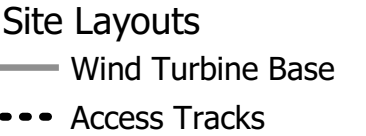
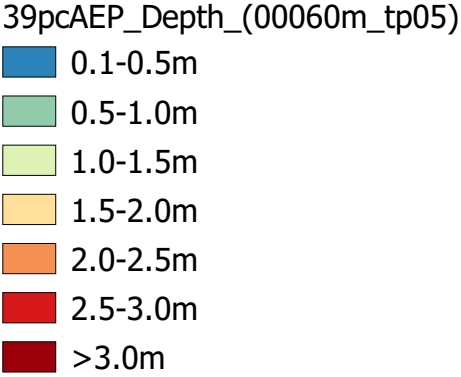
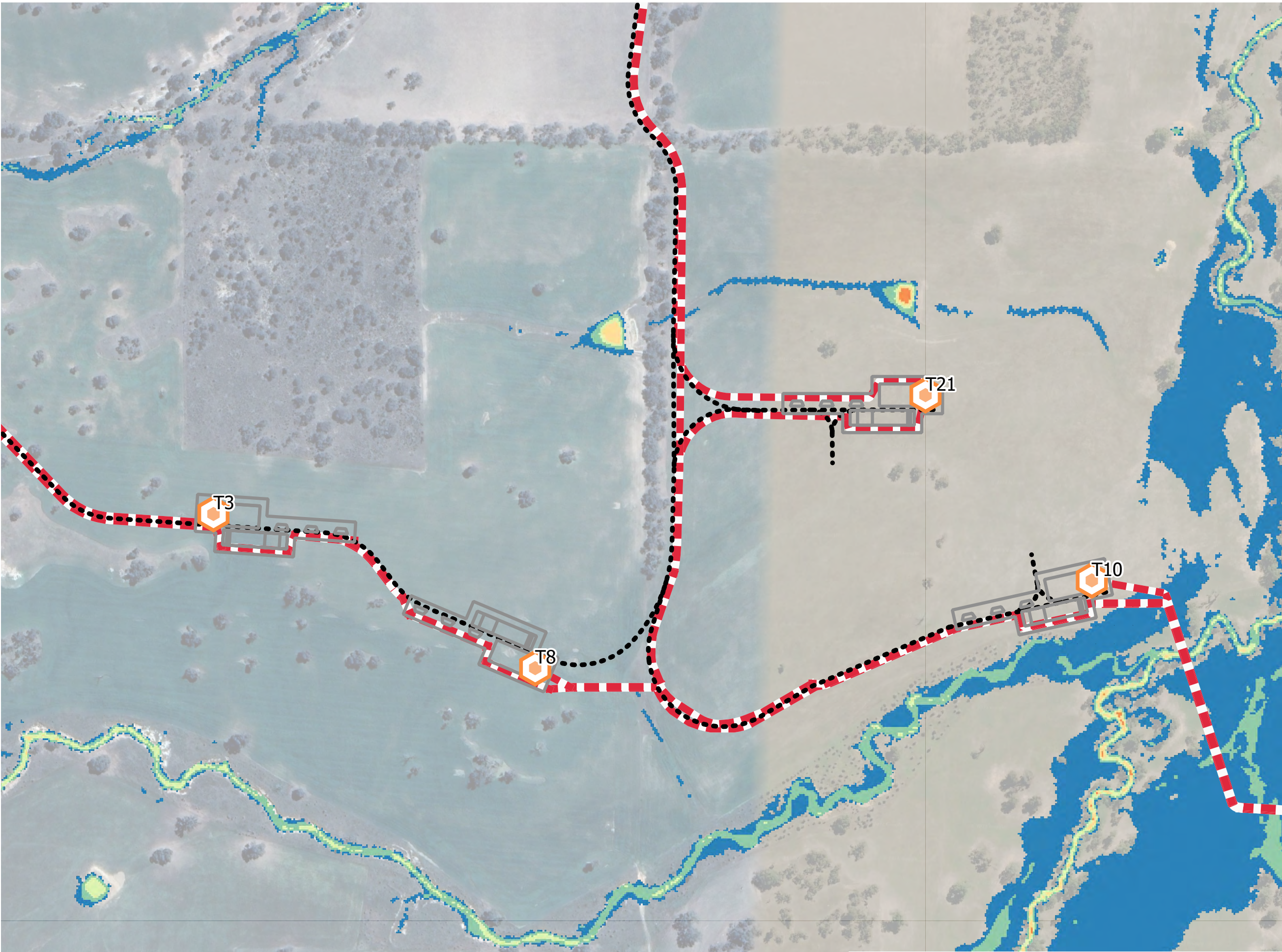
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



**Map Set Reference
Appendix D 109**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

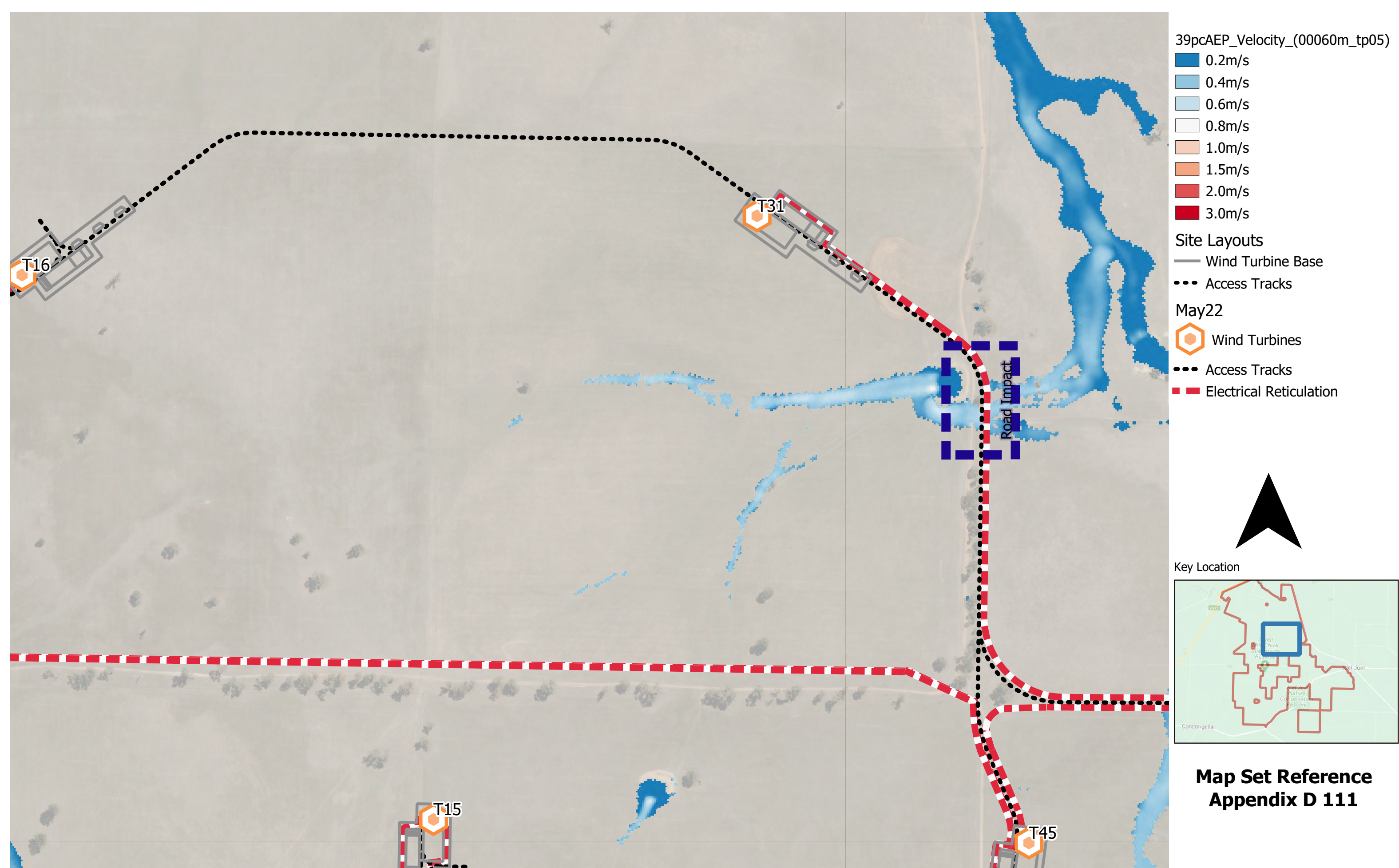
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 110**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.flt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)

39pcAEP_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

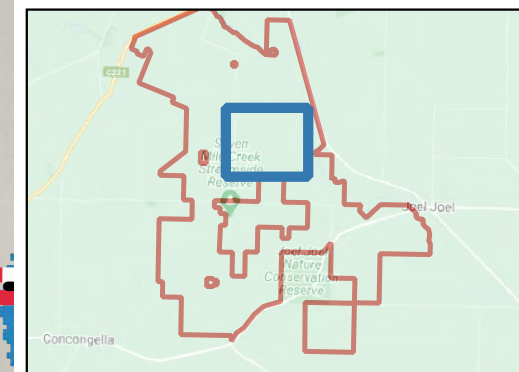
- Wind Turbine Base
- Access Tracks

May22

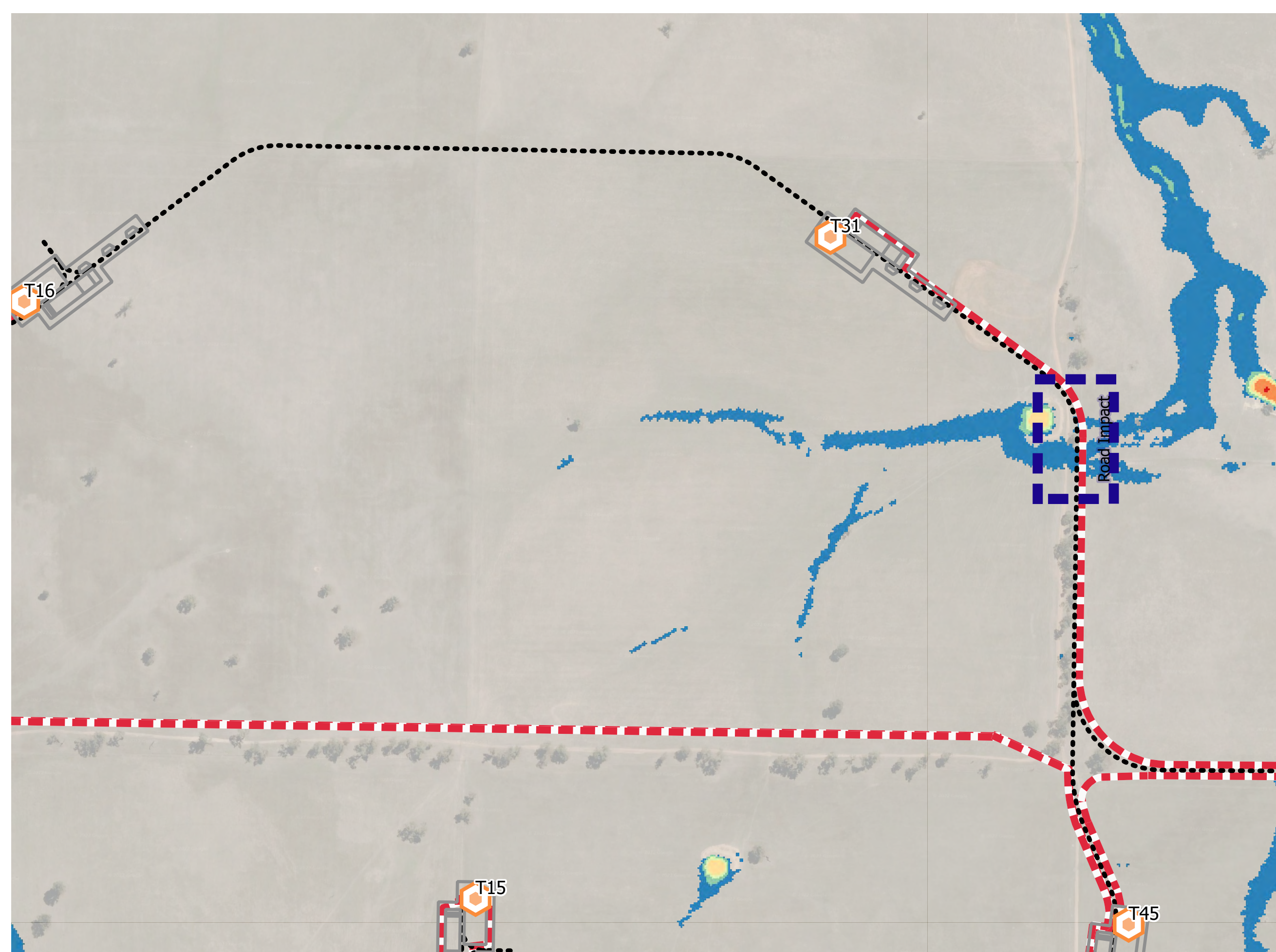
- Wind Turbines
- Access Tracks
- Electrical Reticulation



Key Location

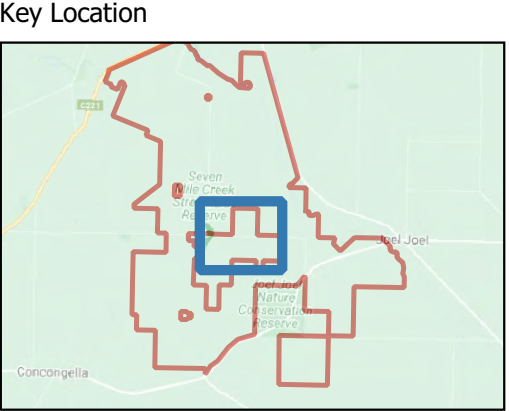
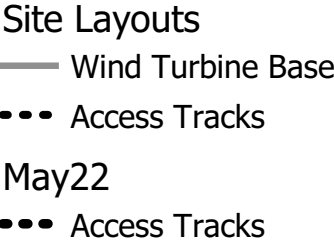
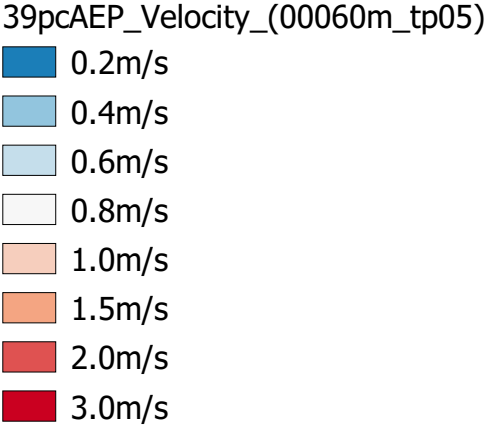
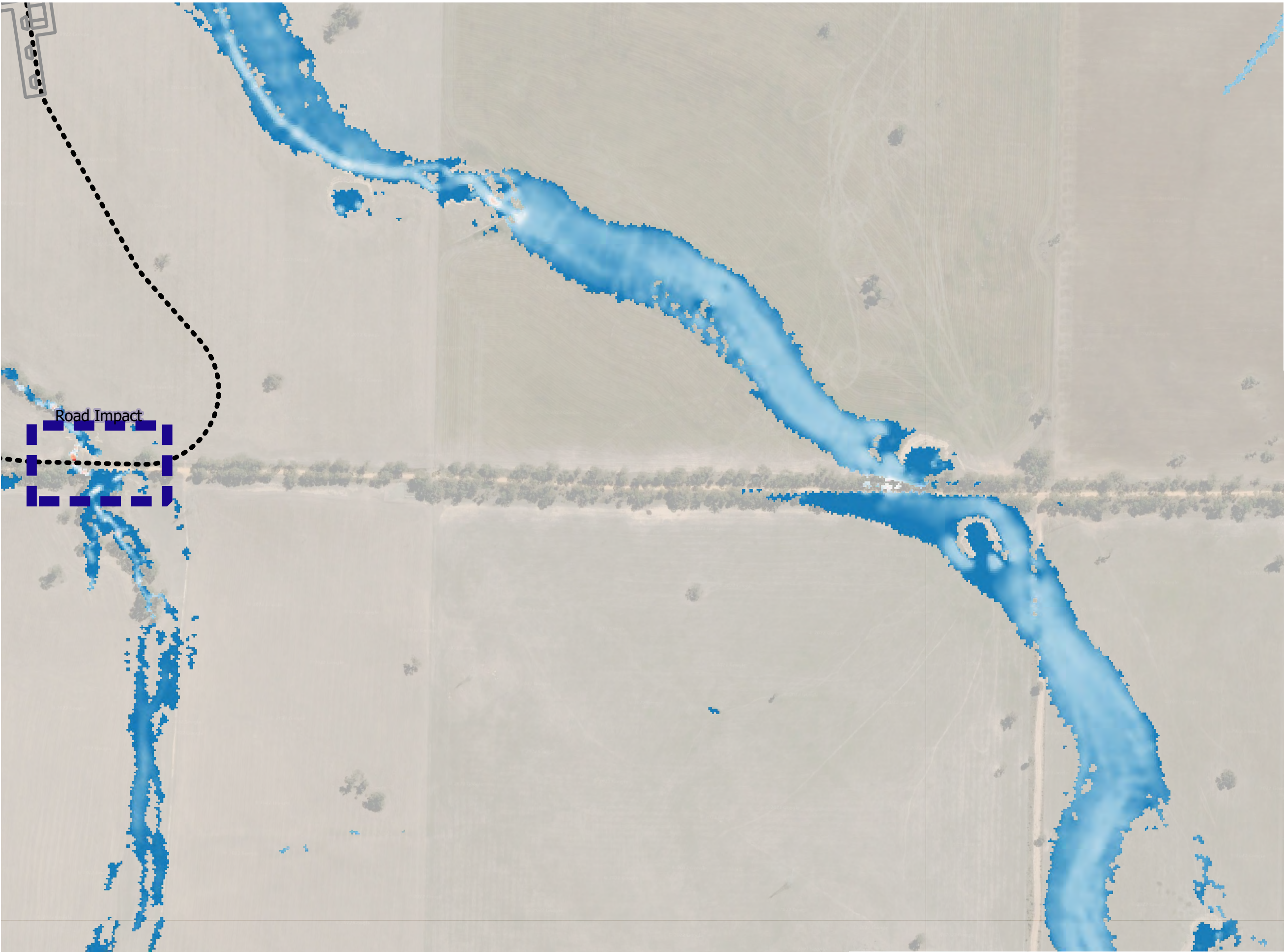


**Map Set Reference
Appendix D 112**



Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ft, Google Satellite 2021

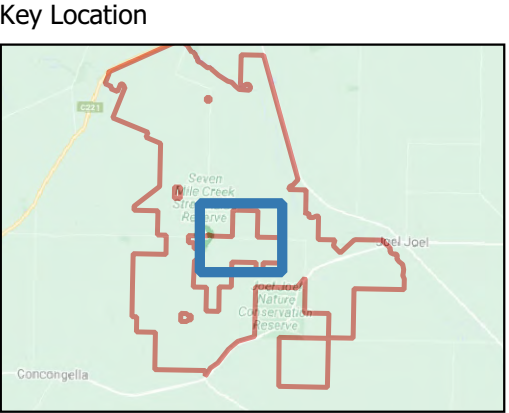
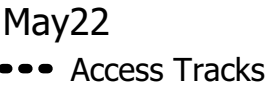
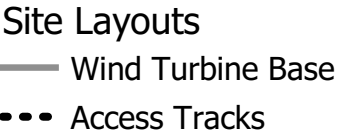
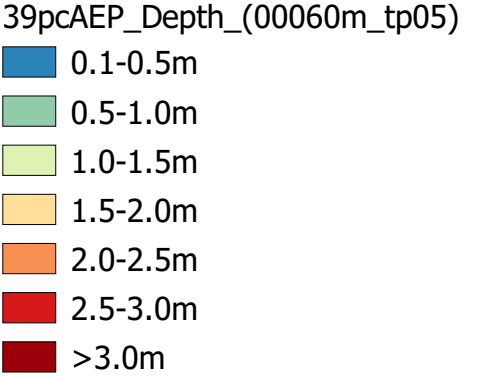
WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



**Map Set Reference
Appendix D 113**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)

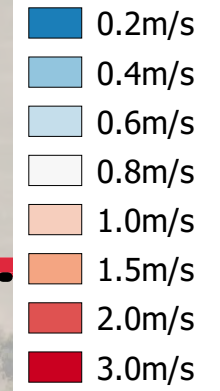


**Map Set Reference
Appendix D 114**

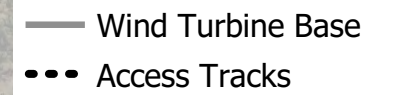
Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)

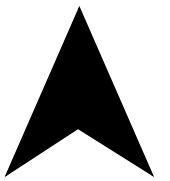
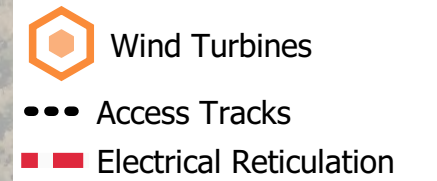
39pcAEP_Velocity_(00060m_tp05)



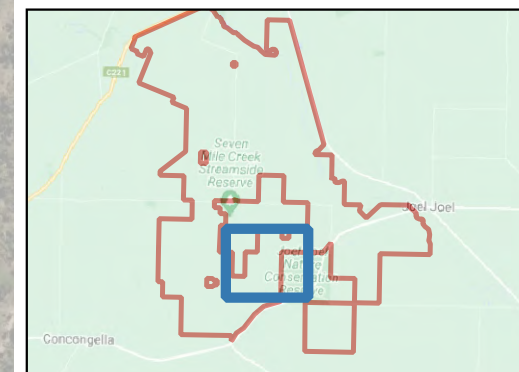
Site Layouts



May22



Key Location



**Map Set Reference
Appendix D 115**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)

39pcAEP_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

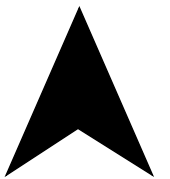
Site Layouts

- Wind Turbine Base
- Access Tracks

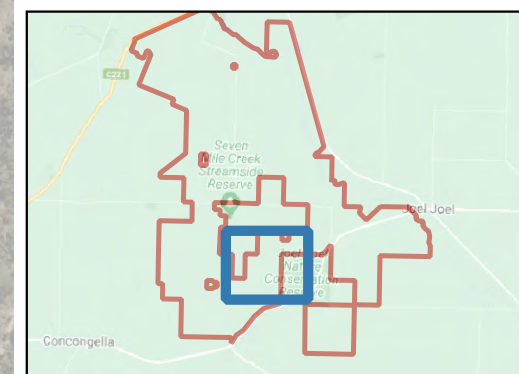
May22

- Wind Turbines

- Access Tracks
- Electrical Reticulation



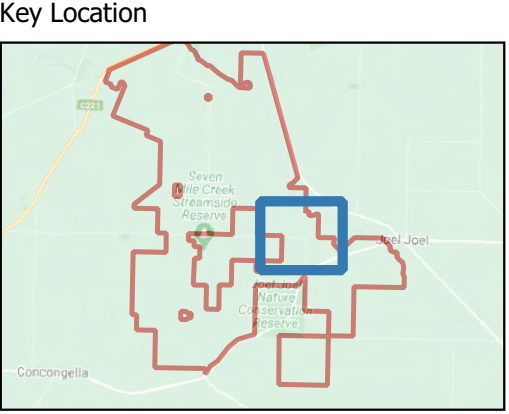
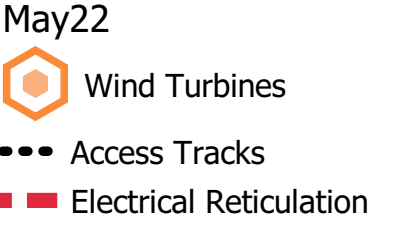
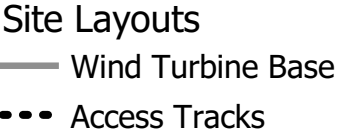
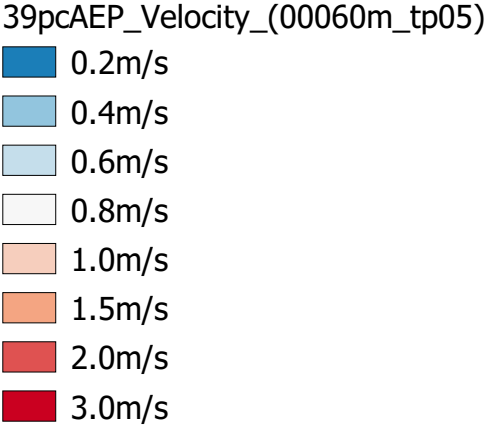
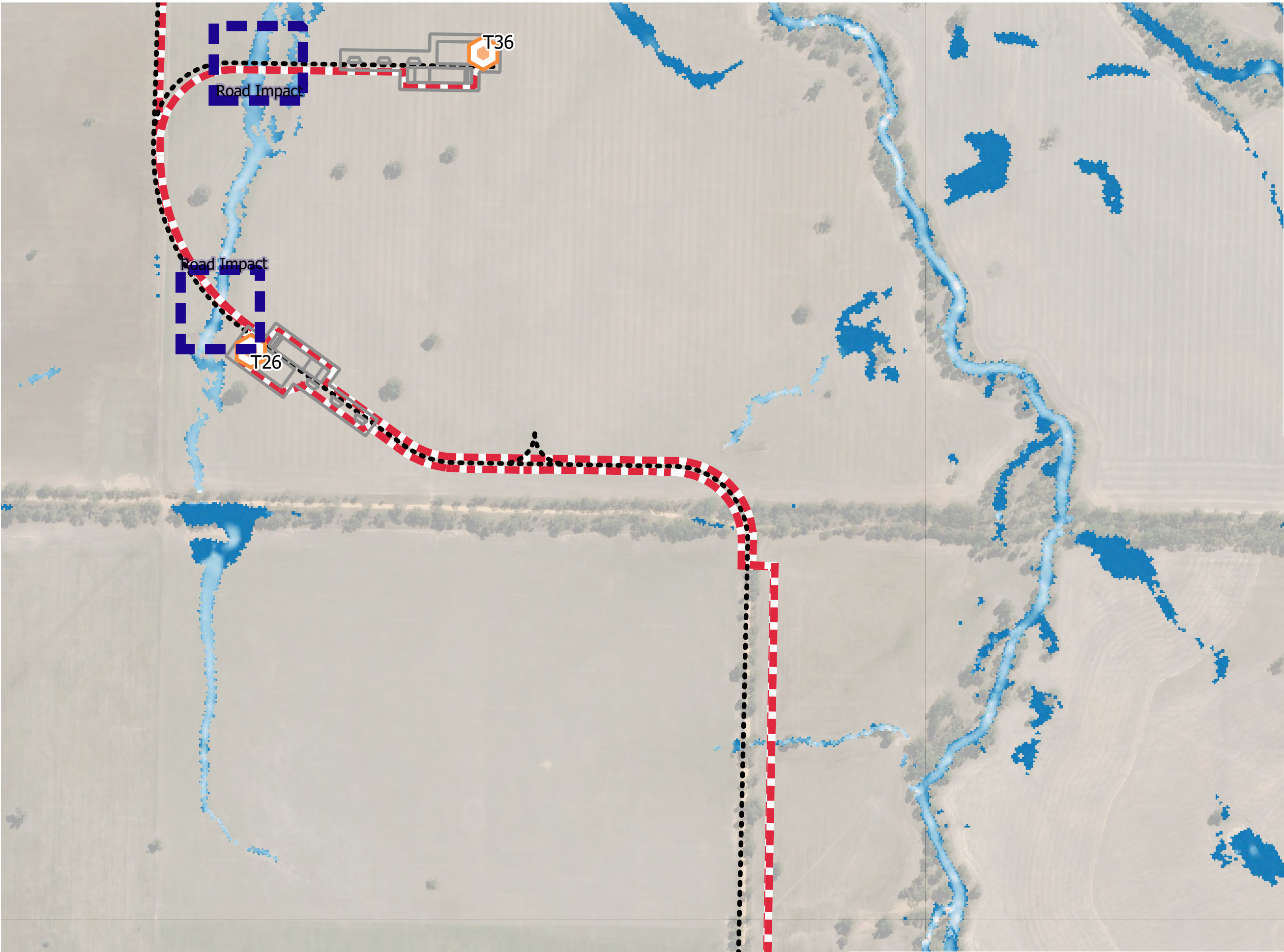
Key Location



**Map Set Reference
Appendix D 116**

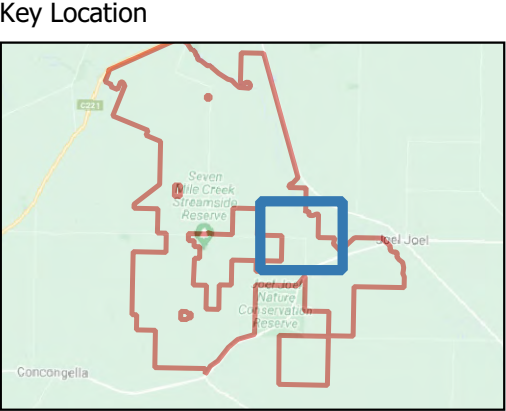
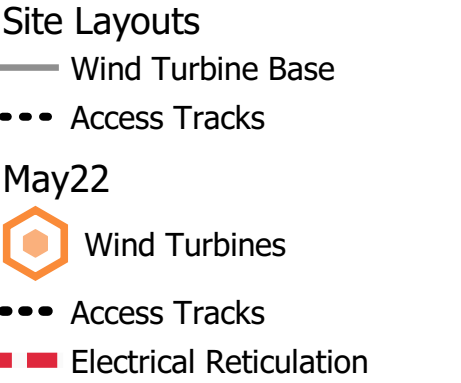
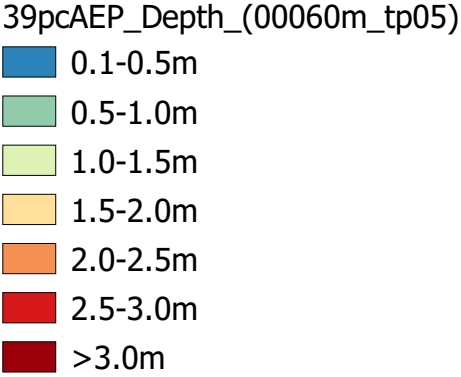
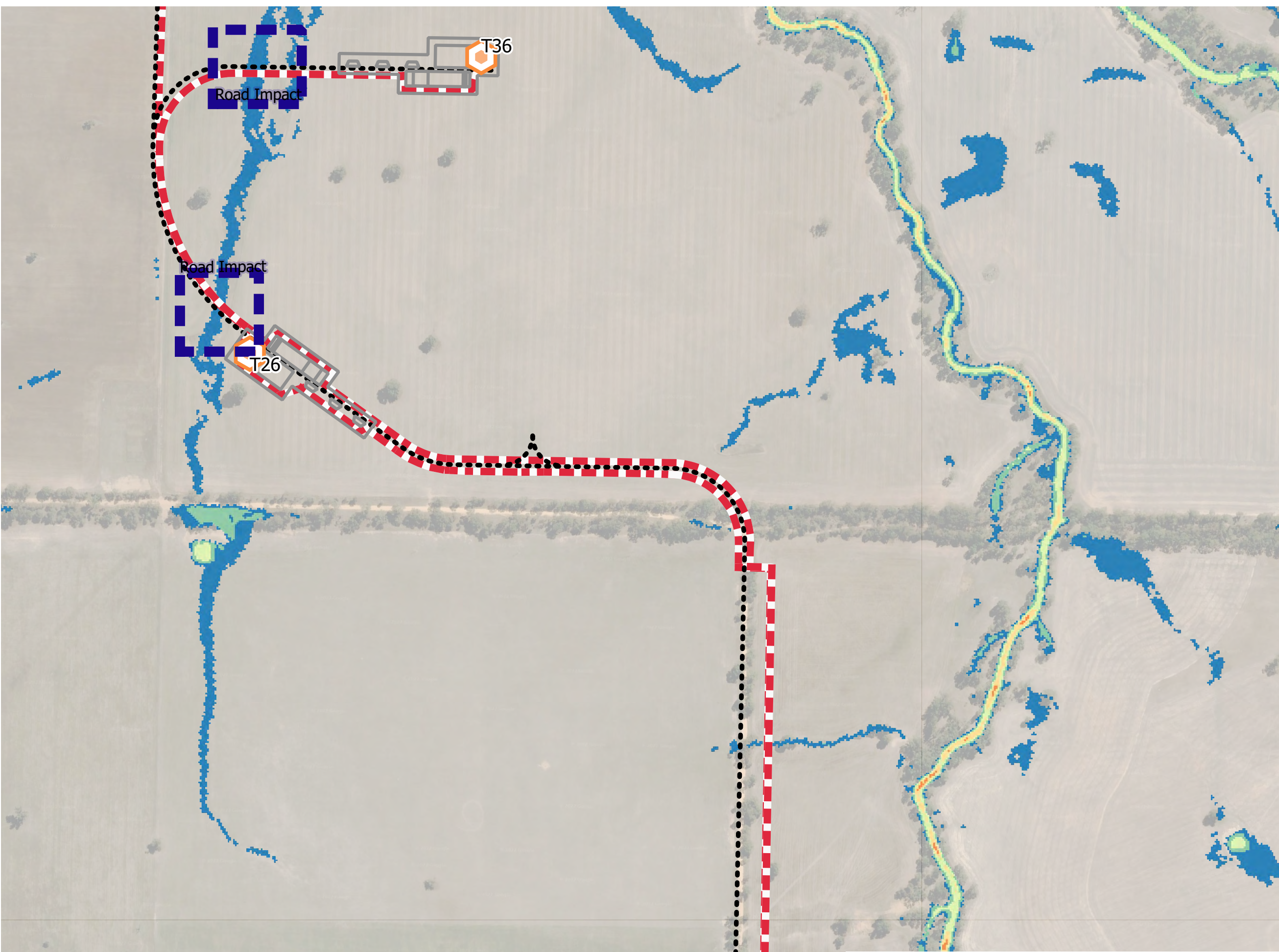
Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftt, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



Map Set Reference
Appendix D 117

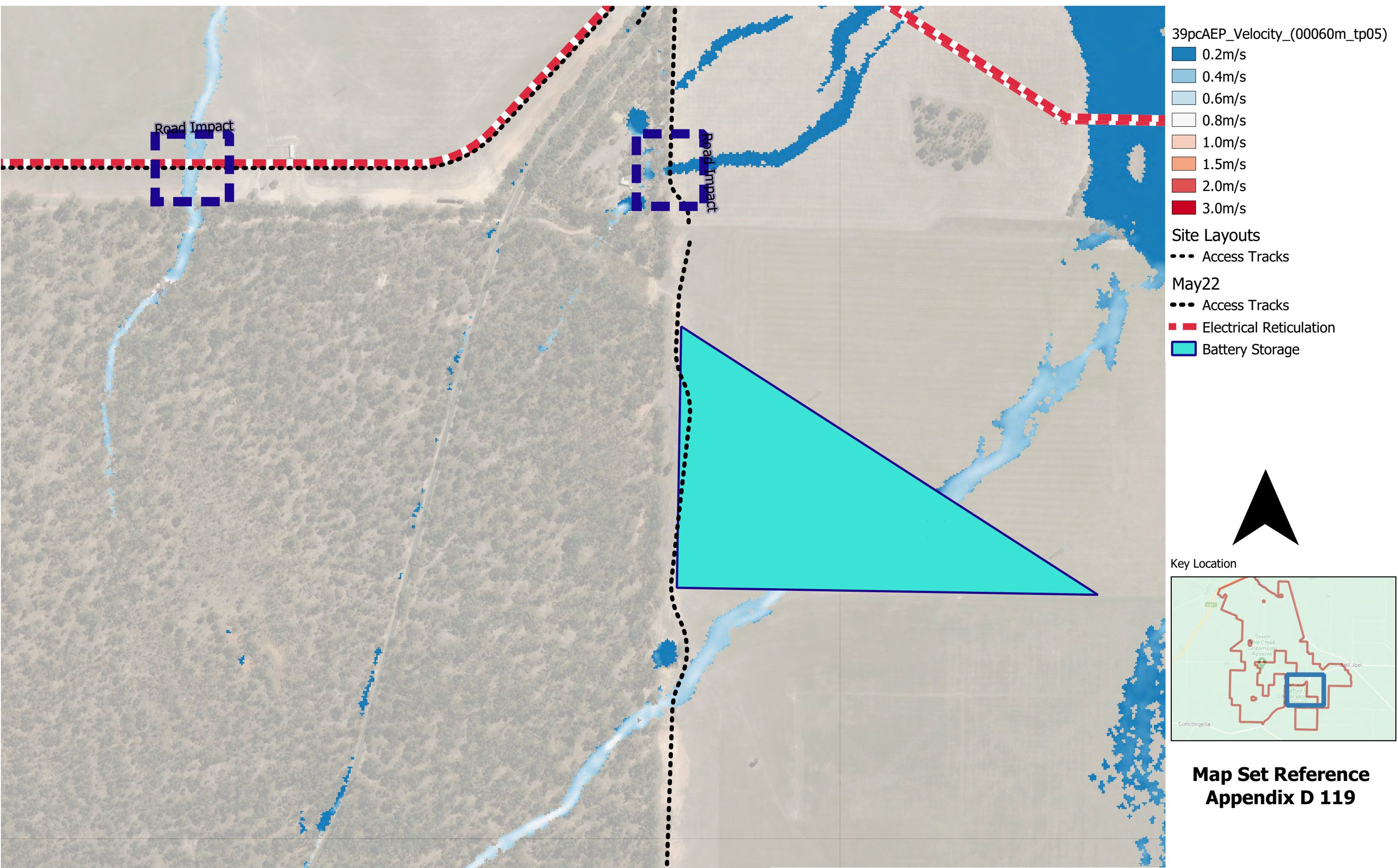
Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021



**Map Set Reference
Appendix D 118**

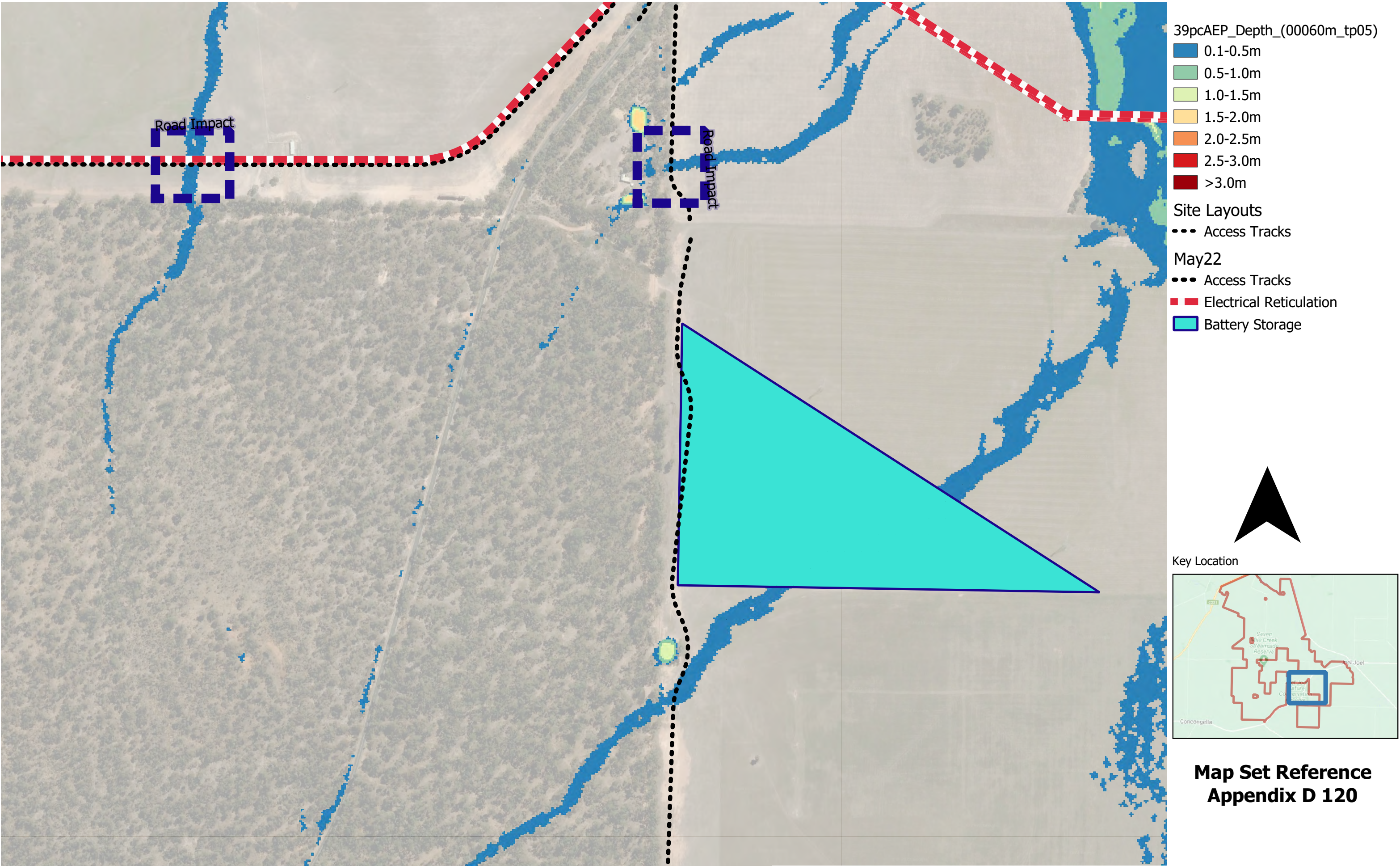
Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



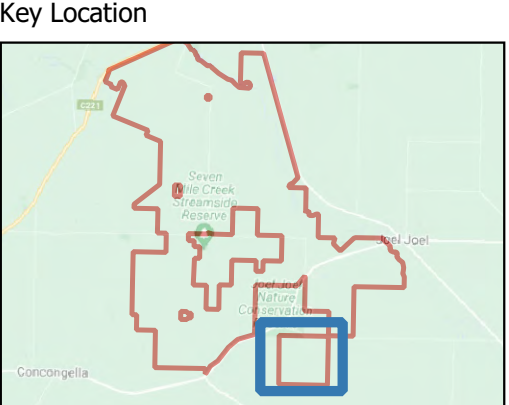
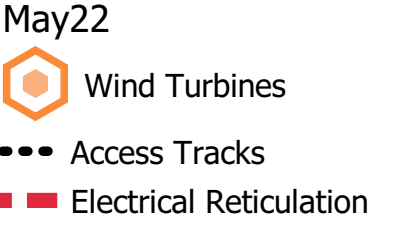
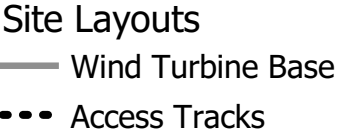
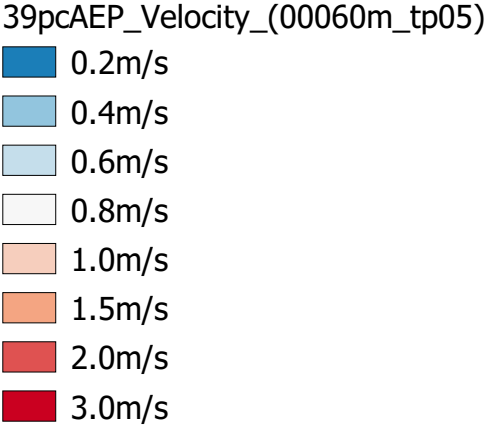
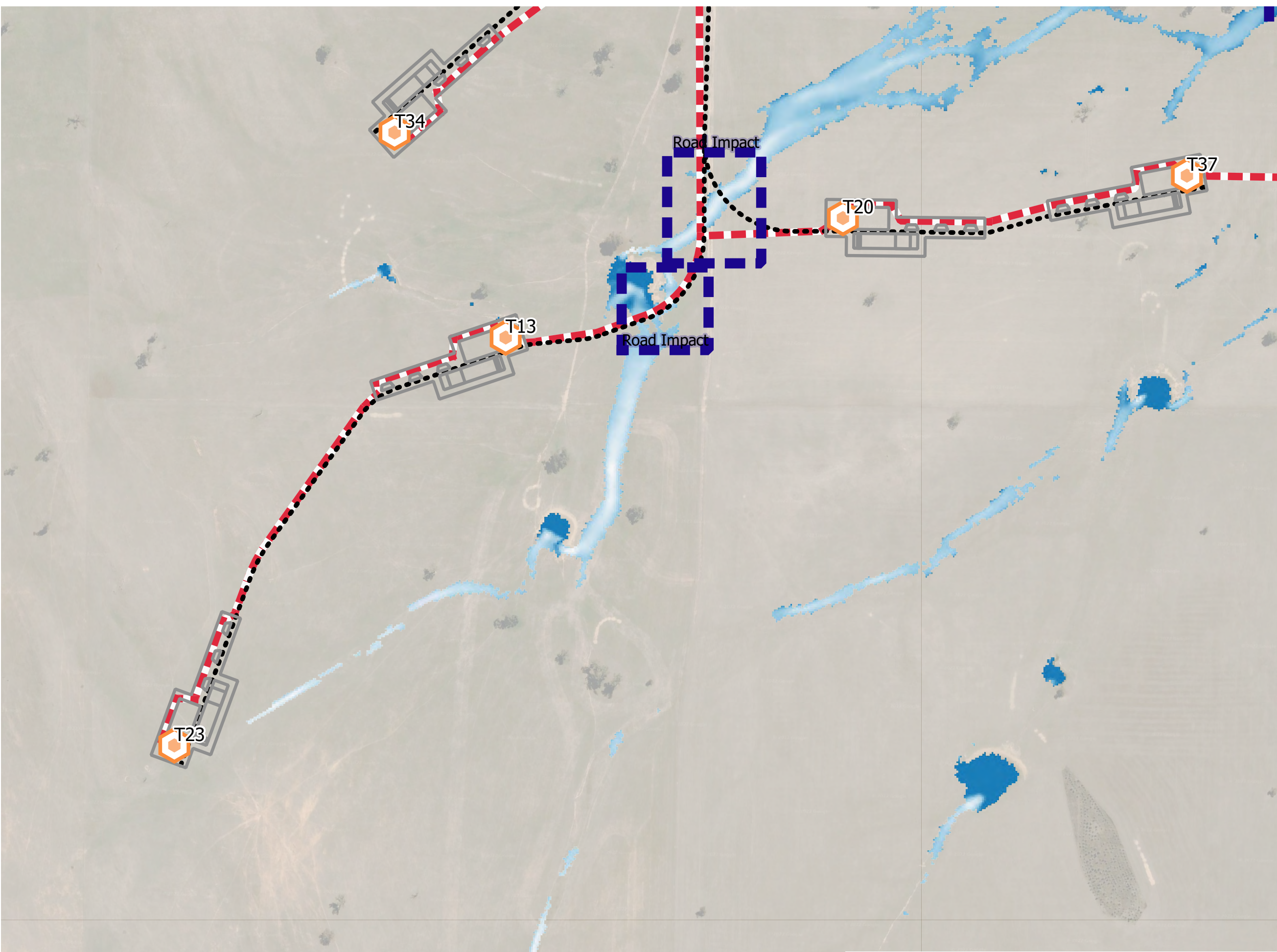
Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)



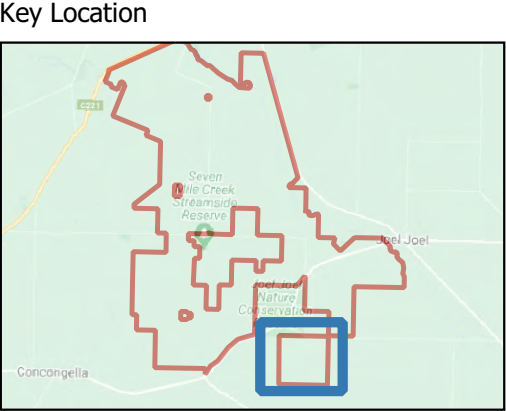
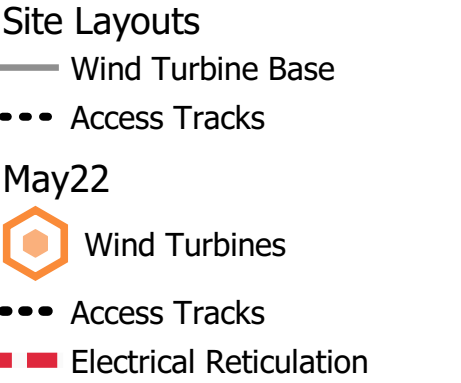
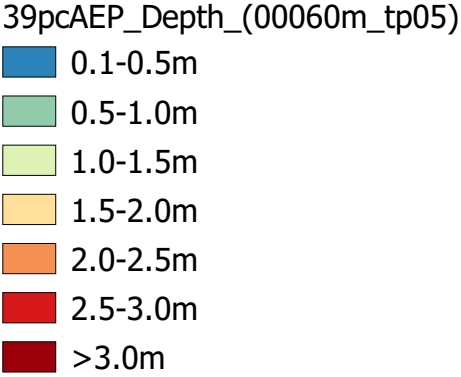
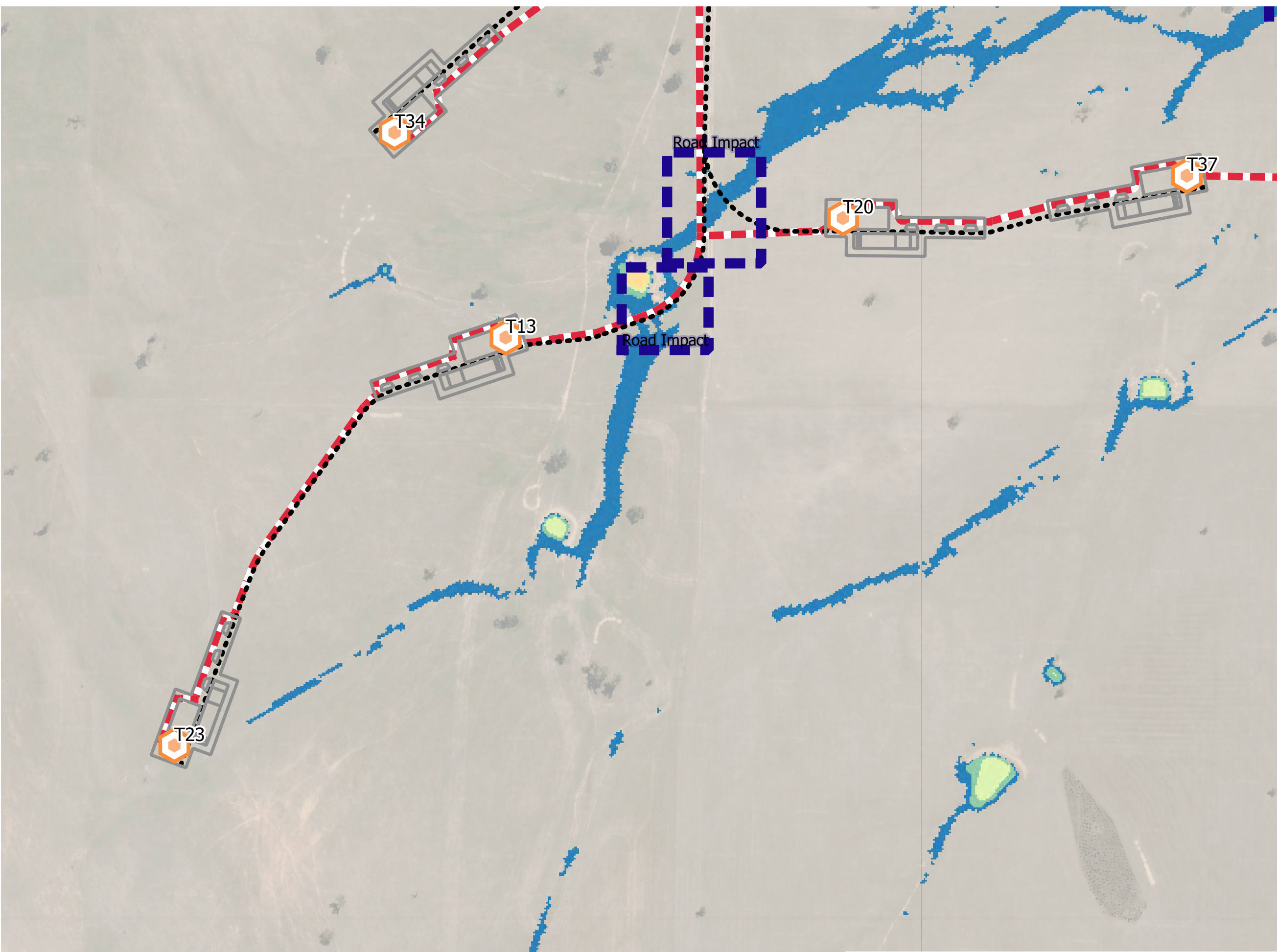
Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



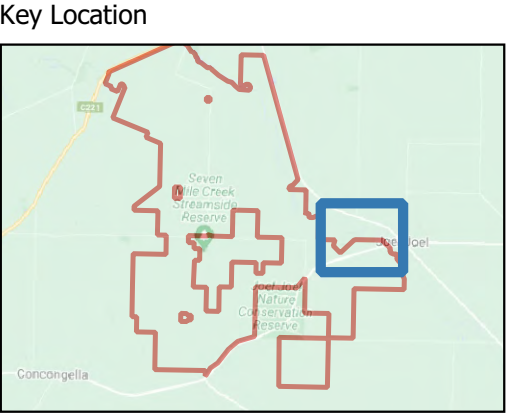
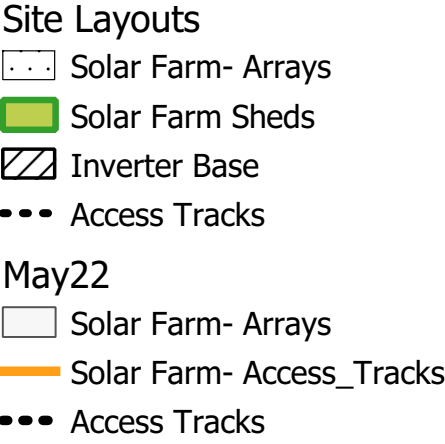
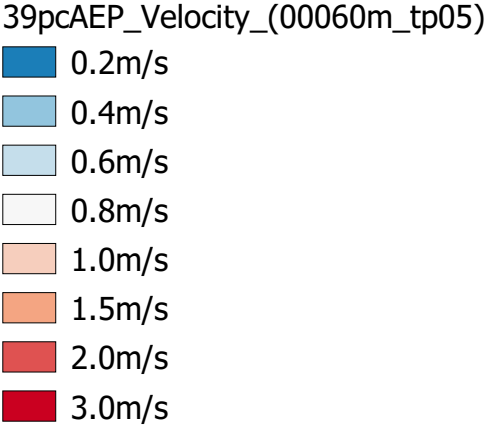
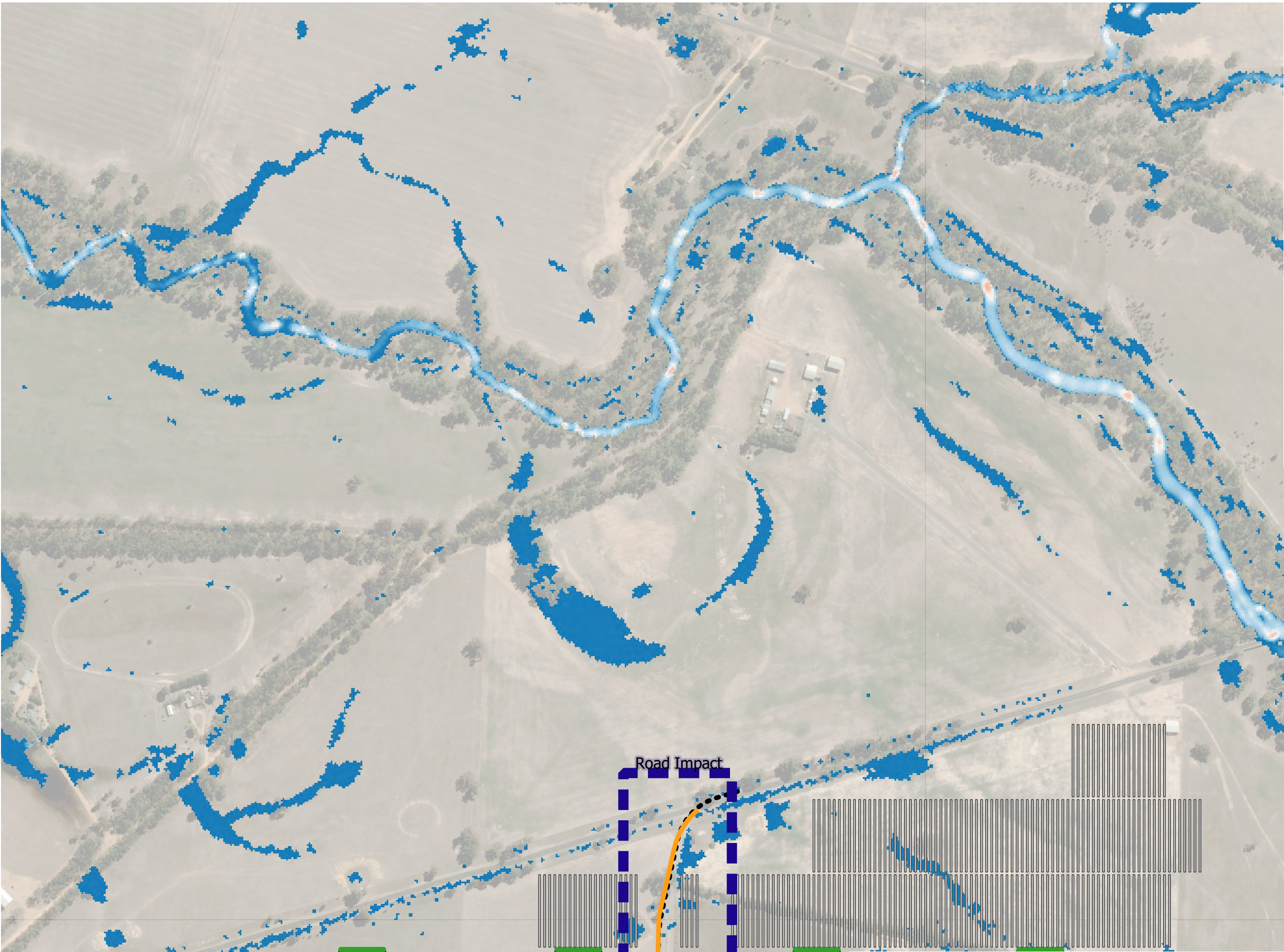
**Map Set Reference
Appendix D 121**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

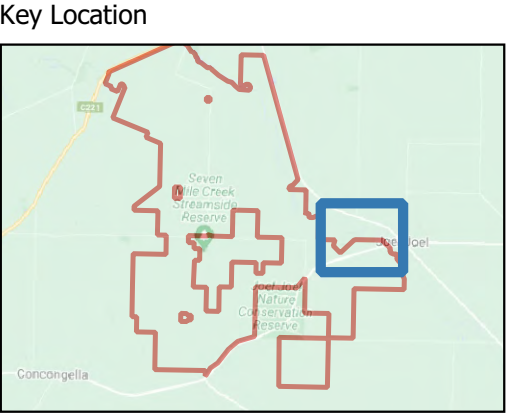
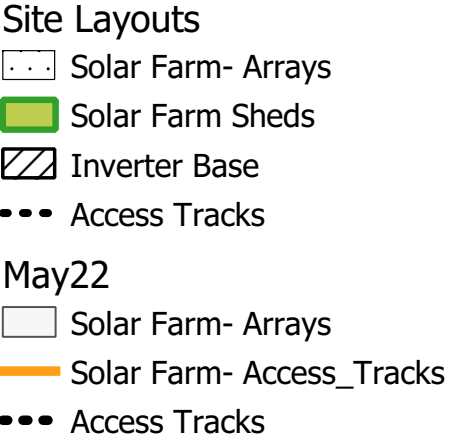
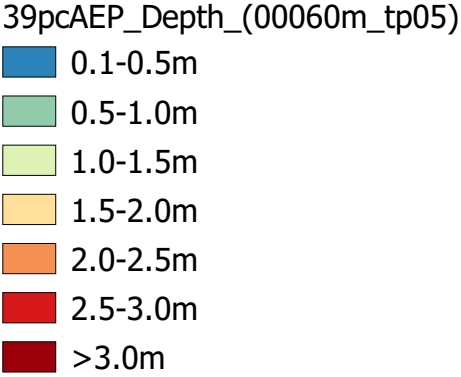
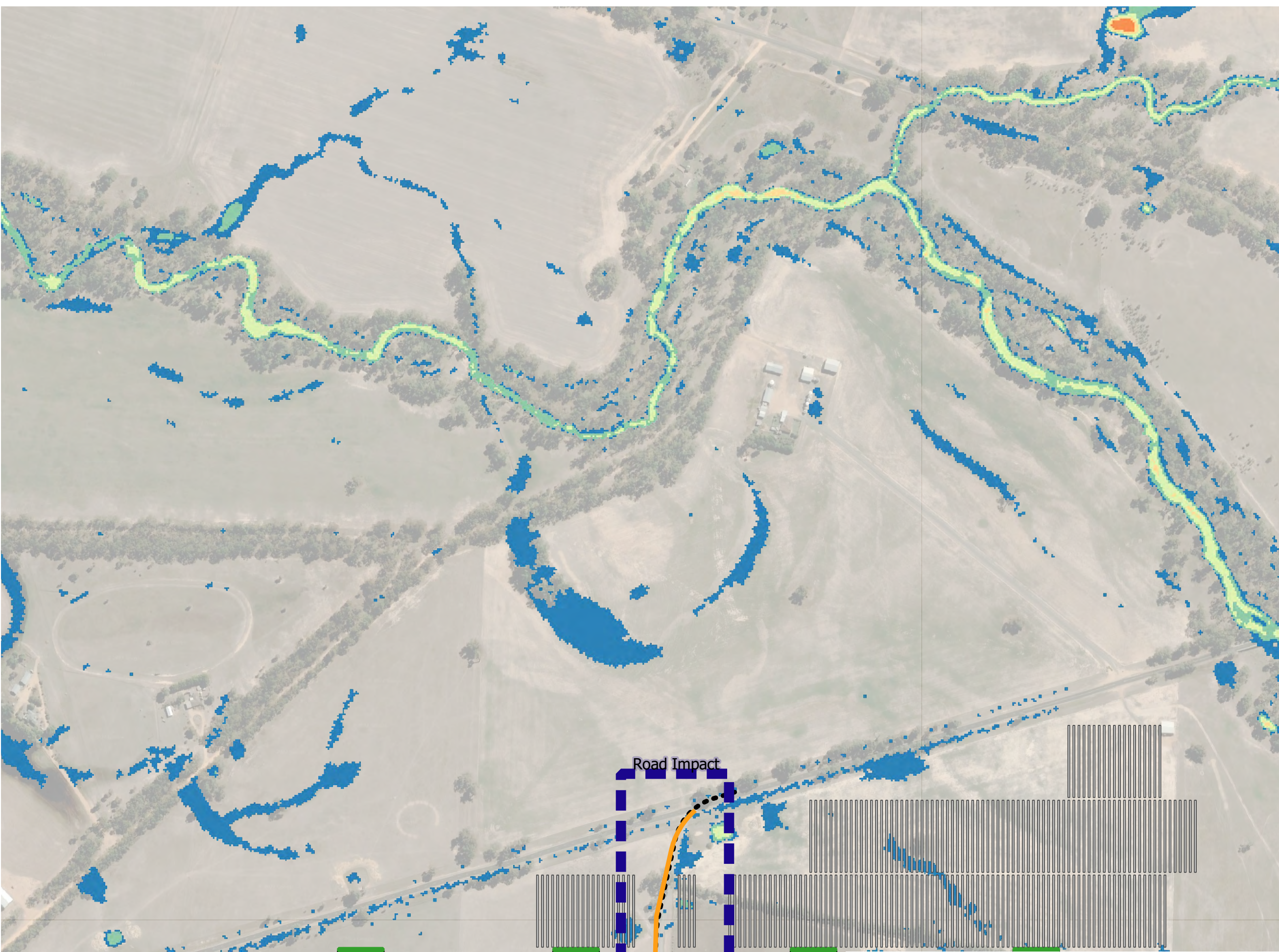


**Map Set Reference
Appendix D 122**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ftt, Google Satellite 2021



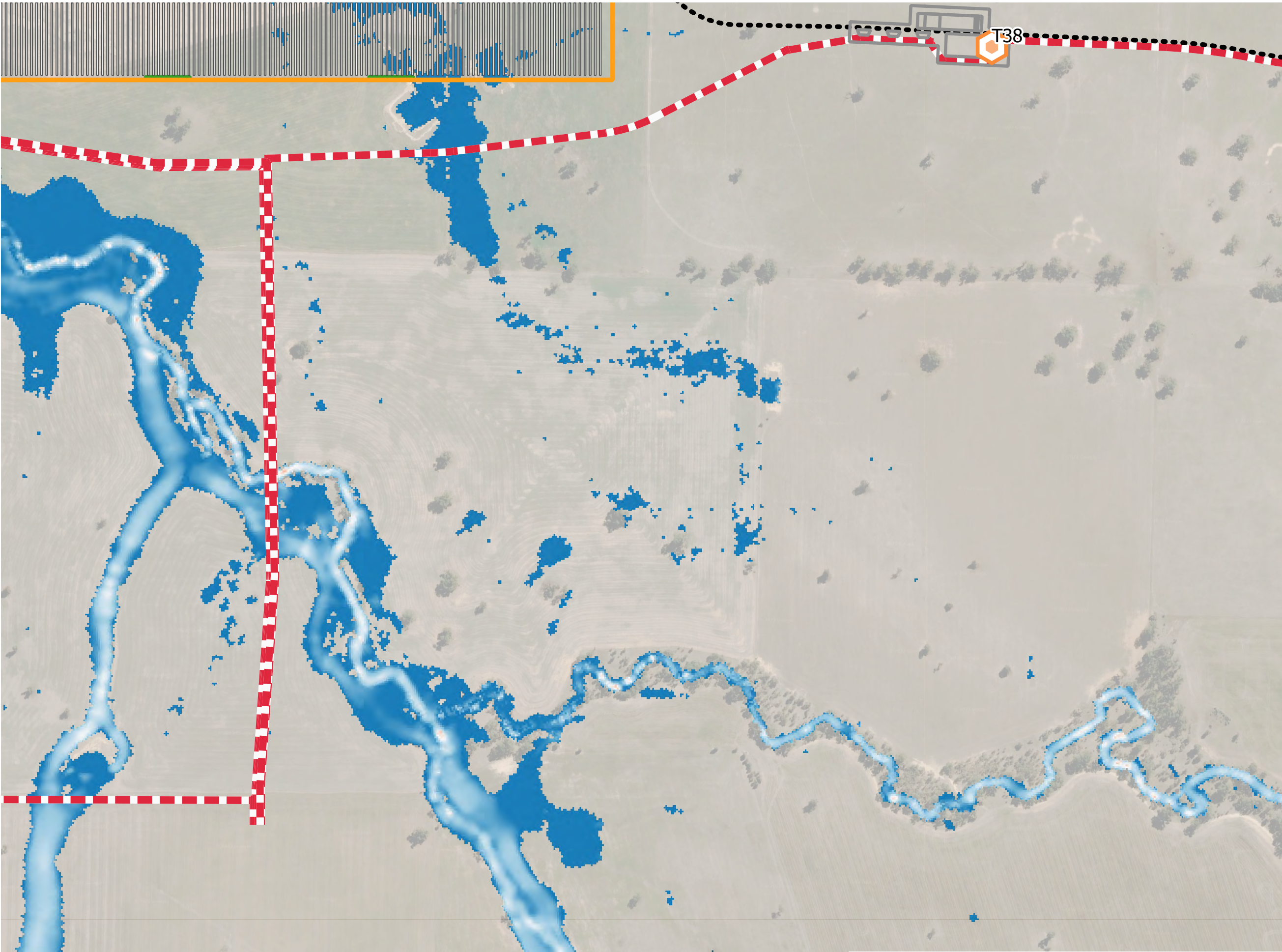
**Map Set Reference
Appendix D 123**



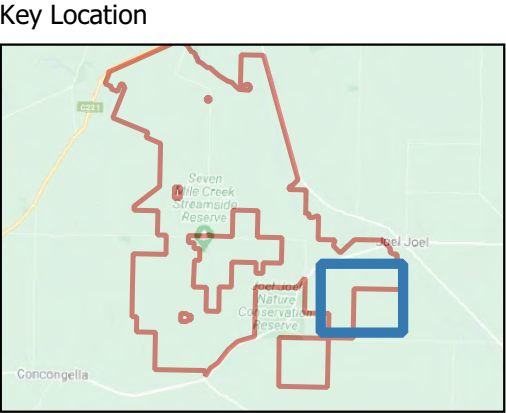
Map Set Reference
Appendix D 124

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ft, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)



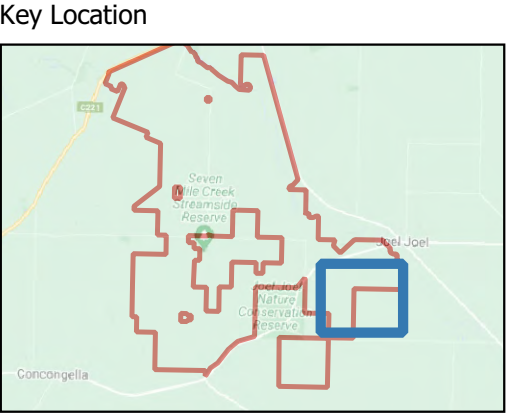
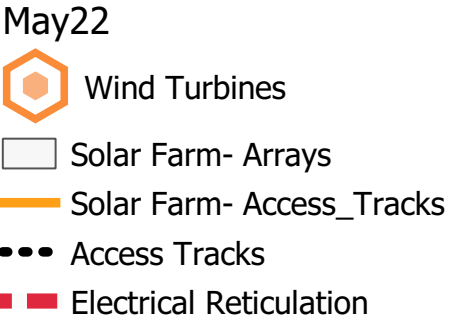
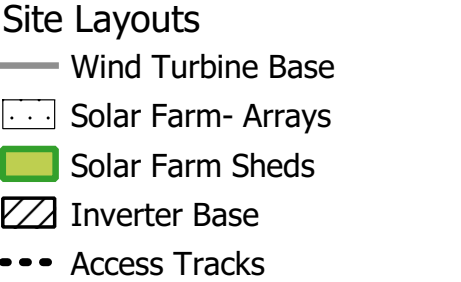
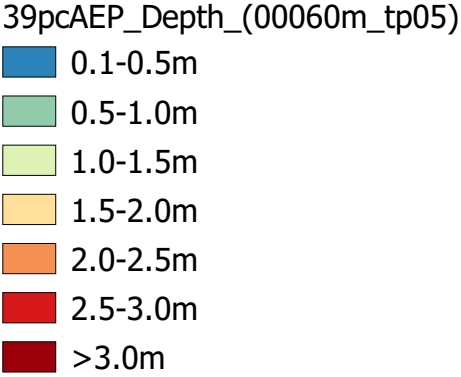
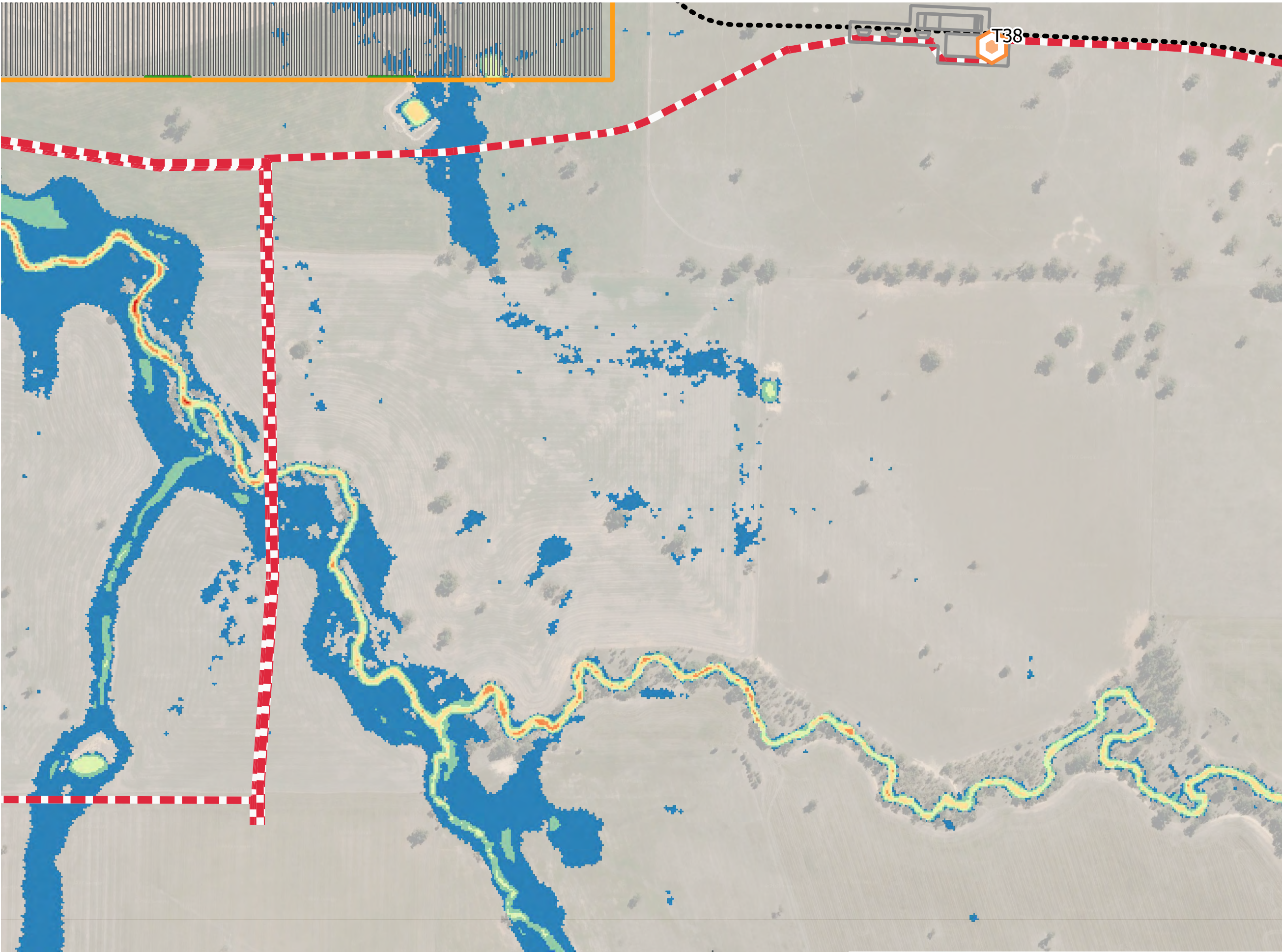
- 39pcAEP_Velocity_00060m_tp05
- 0.2m/s
 - 0.4m/s
 - 0.6m/s
 - 0.8m/s
 - 1.0m/s
 - 1.5m/s
 - 2.0m/s
 - 3.0m/s
- Site Layouts
- Wind Turbine Base
 - Solar Farm- Arrays
 - Solar Farm Sheds
 - Inverter Base
 - Access Tracks
- May22
- Wind Turbines
 - Solar Farm- Arrays
 - Solar Farm- Access_Tracks
 - Access Tracks
 - Electrical Reticulation



Map Set Reference
Appendix D 125

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_V_Max_filtered0.02.ftl, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flow Velocity (m/s)



**Map Set Reference
Appendix D 126**

Source: JoelJoel_5mGRD_05e_Crit_000.5e_00060m_tp05_d_Max_cd0.02.ft, Google Satellite 2021

WATTA WELLA RENEWABLE ENERGY PROJECT-
HYDROLOGY AND FLOOD ASSESSMENT
Potential Impact (REV May 2022)- 39.35% AEP Flood Depth (m)