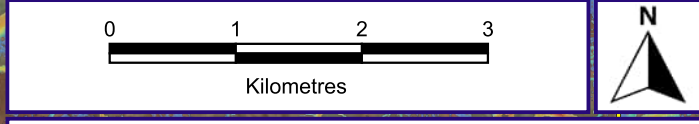


LEGEND

- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

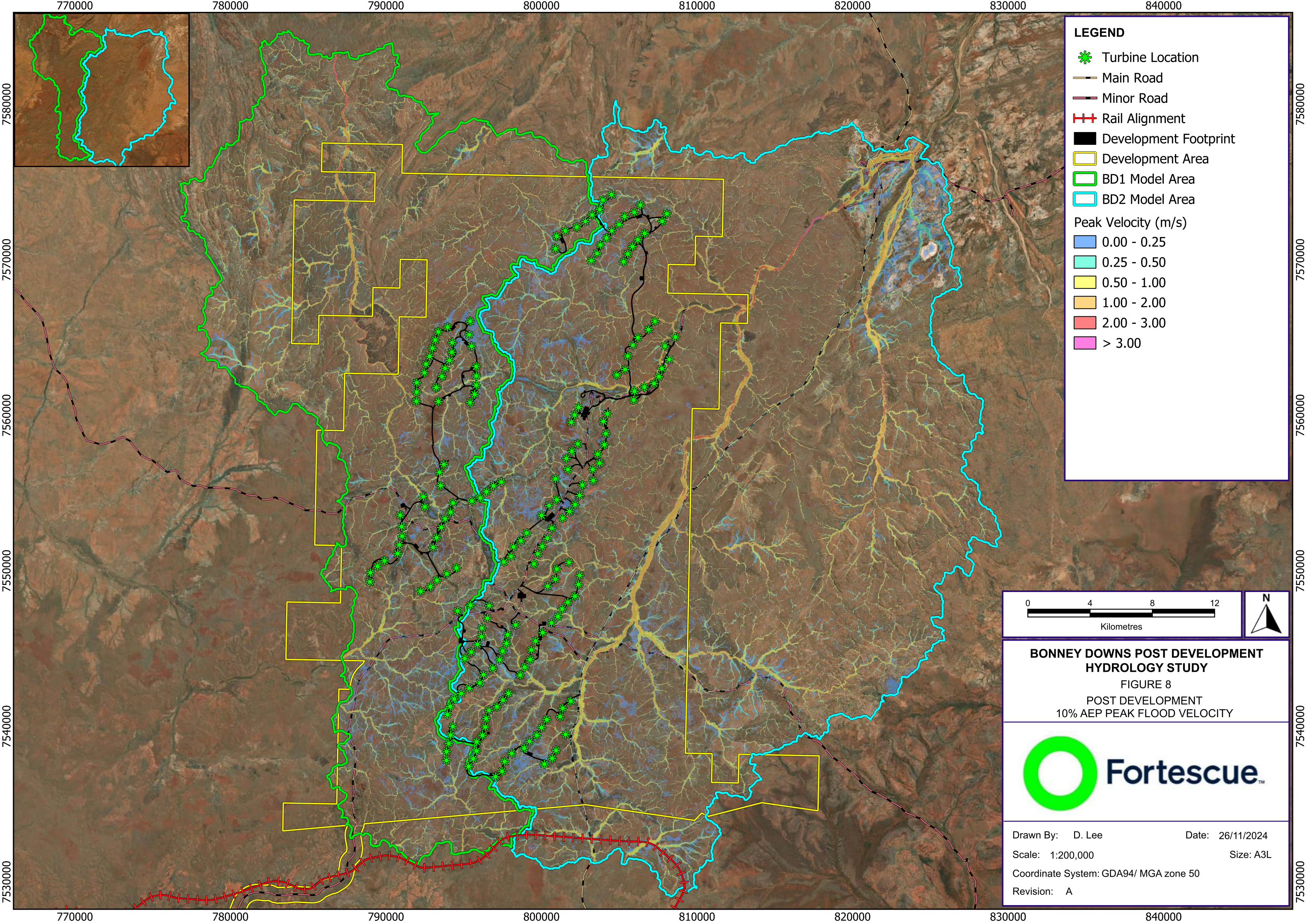
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 7c (Inset 3)
POST DEVELOPMENT
1% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A

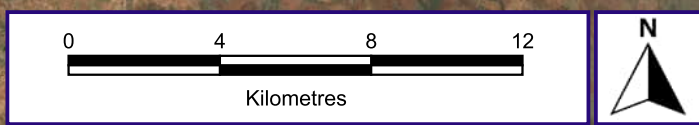


LEGEND

- Turbine Location
- Main Road
- Minor Road
- Rail Alignment
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

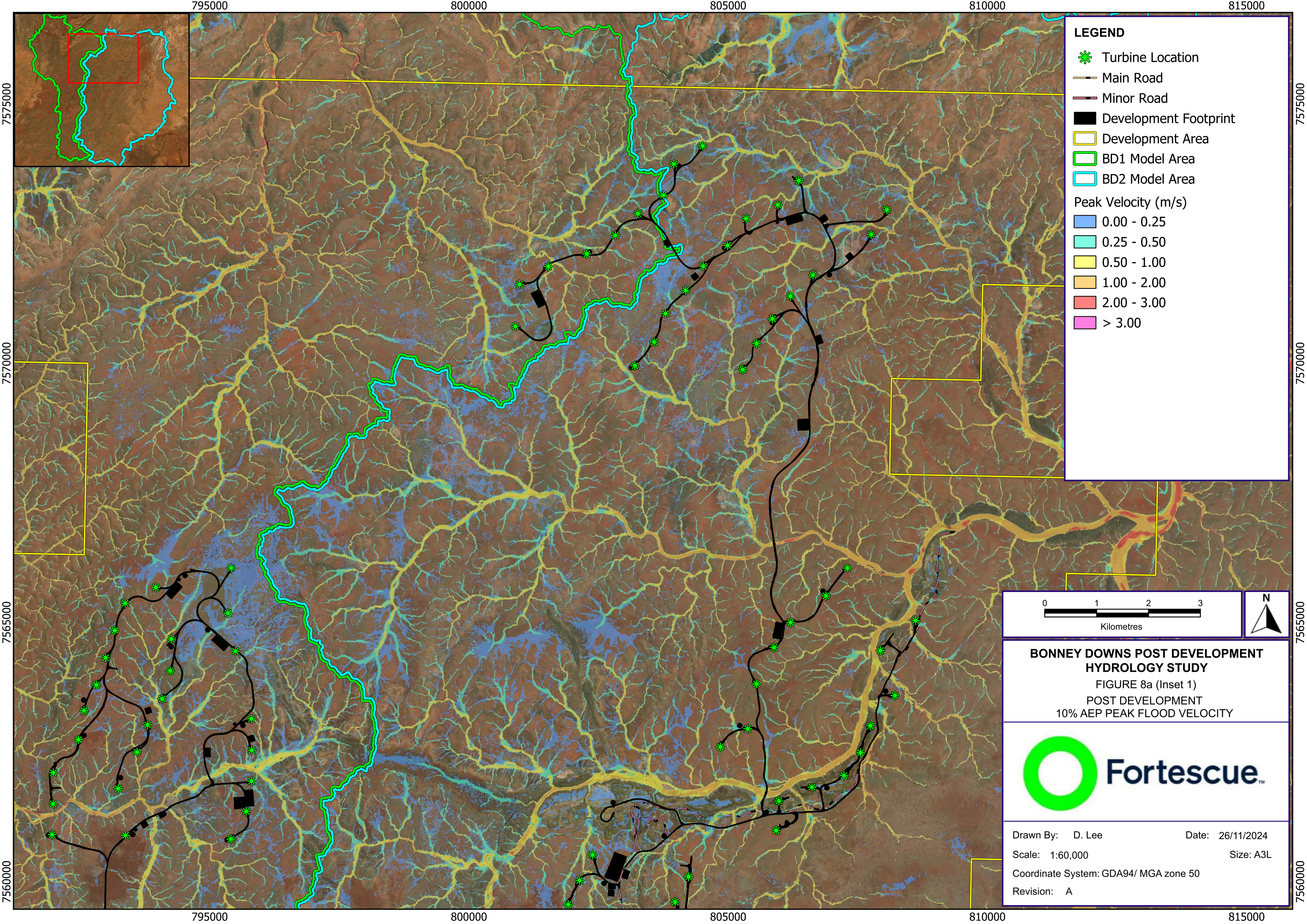
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 8
POST DEVELOPMENT
10% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:200,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

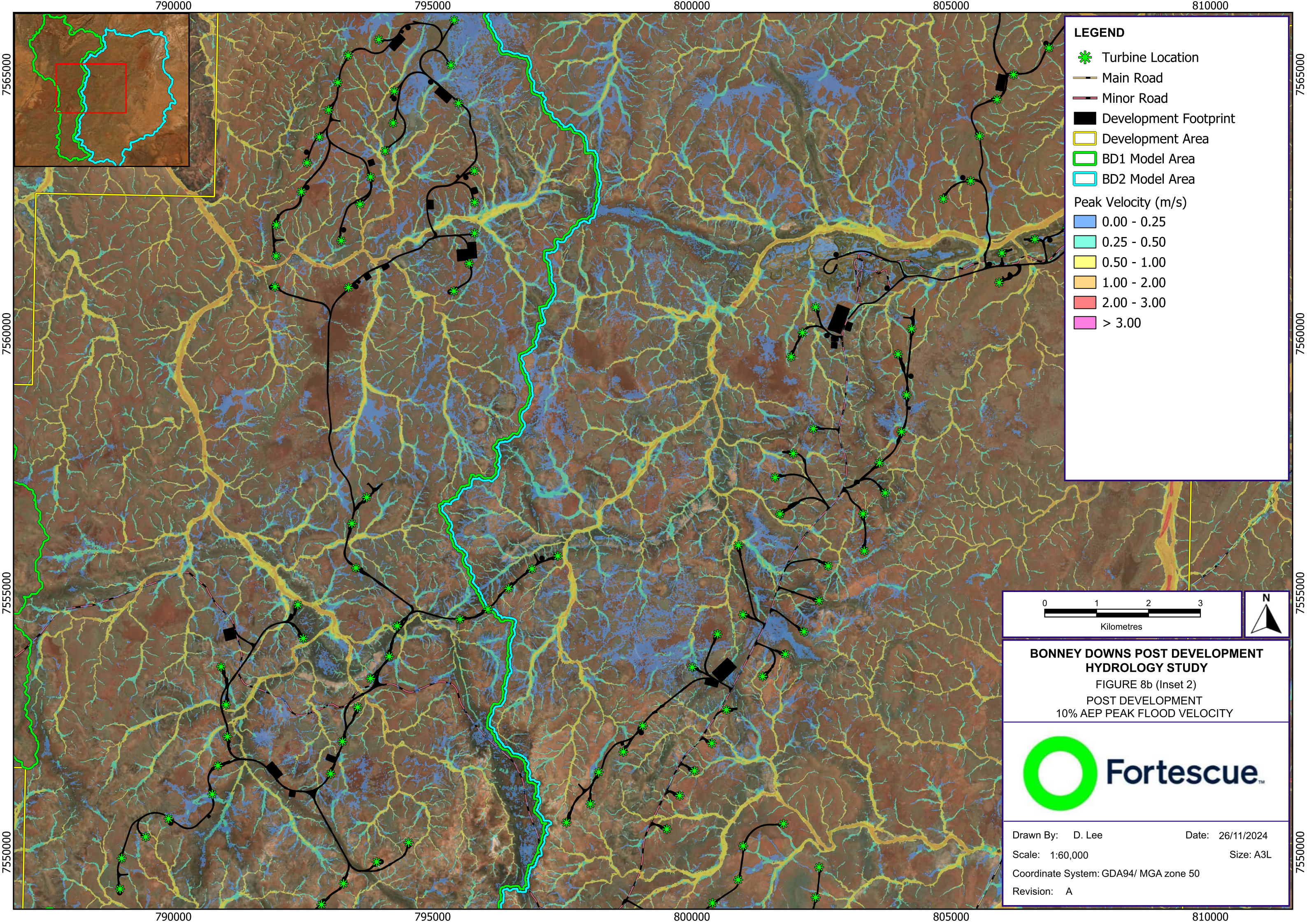
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00

0 1 2 3
Kilometres

**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 8a (Inset 1)
POST DEVELOPMENT
10% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A

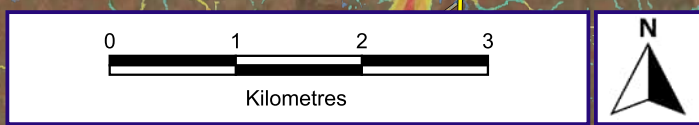


LEGEND

- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

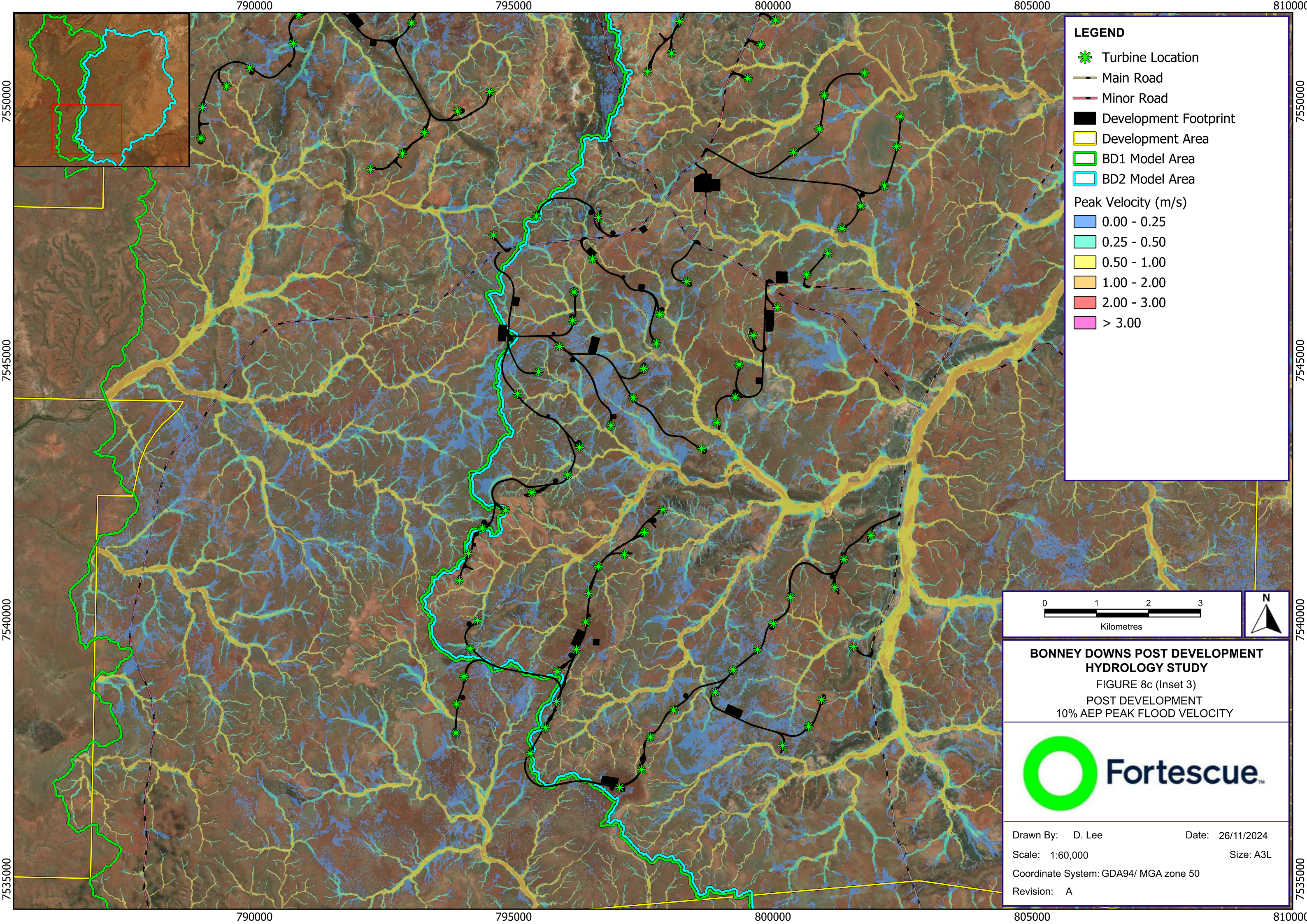
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 8b (Inset 2)
POST DEVELOPMENT
10% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A

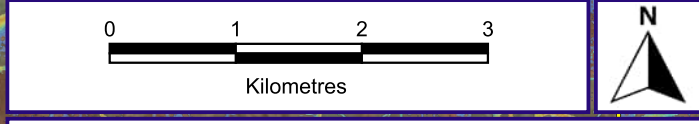


LEGEND

- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

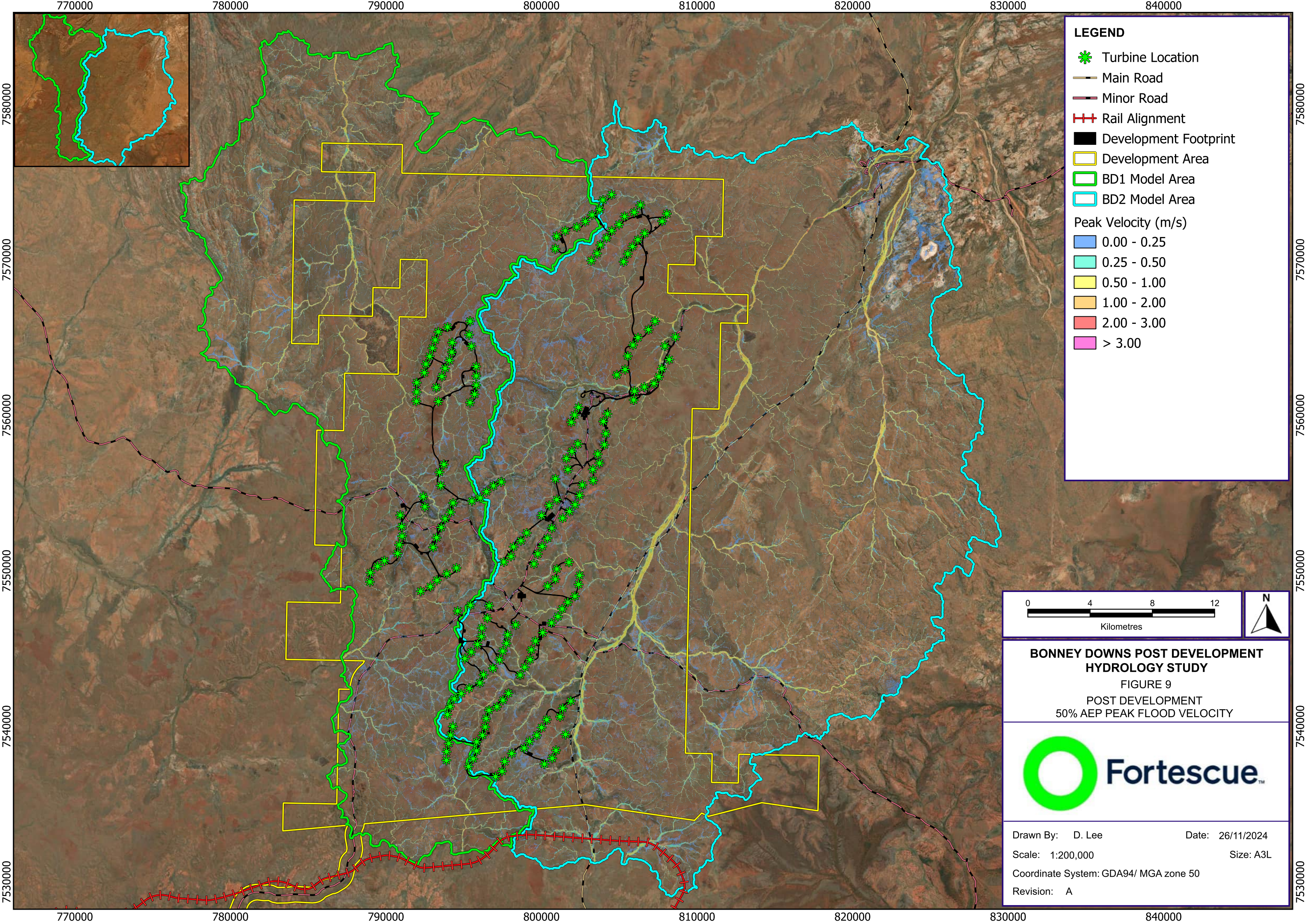
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 8c (Inset 3)
POST DEVELOPMENT
10% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A

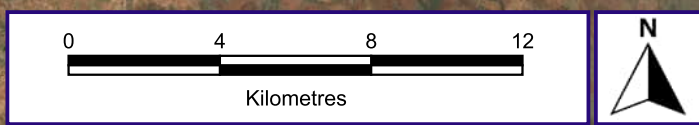


LEGEND

- Turbine Location
- Main Road
- Minor Road
- Rail Alignment
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

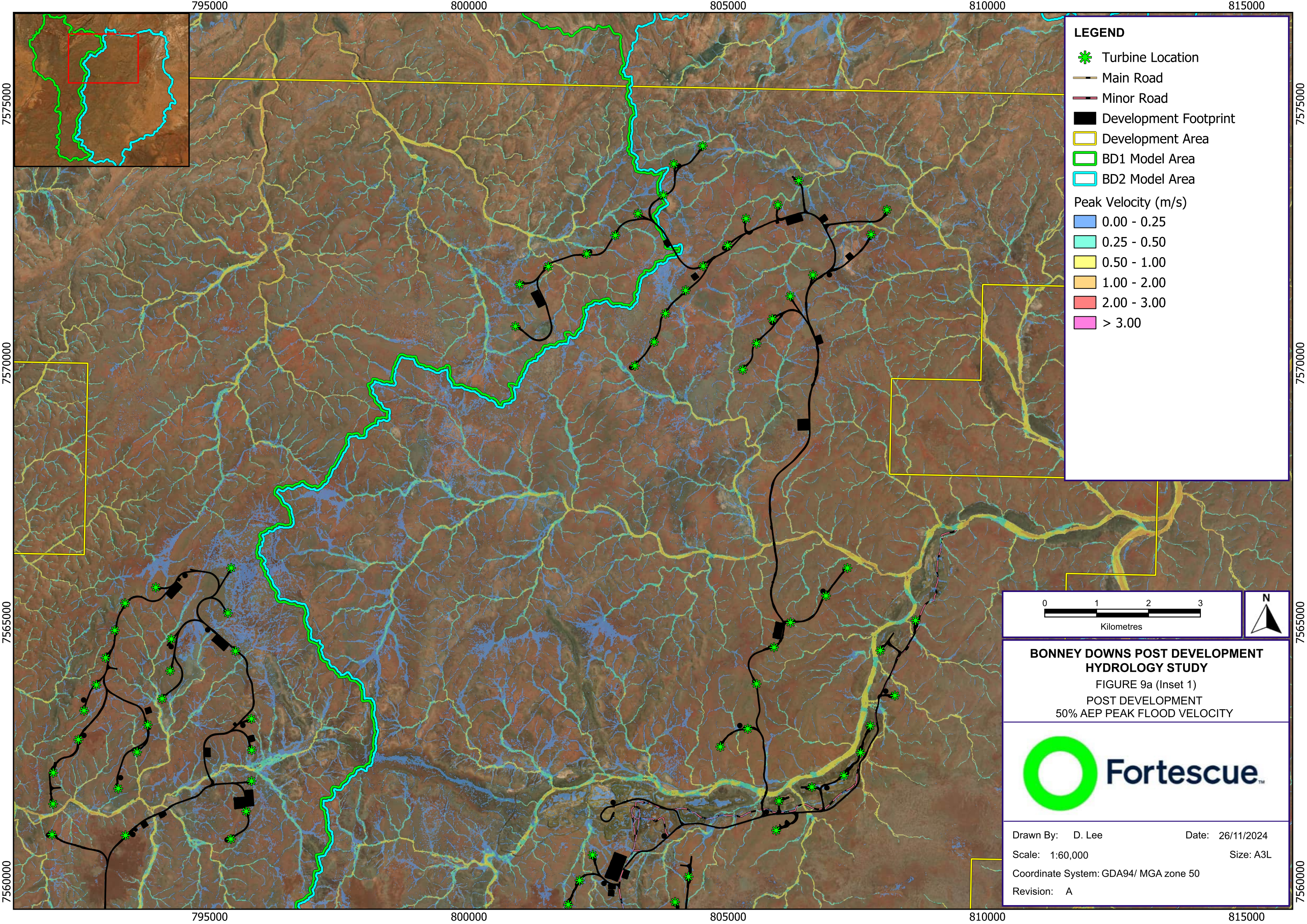
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 9
POST DEVELOPMENT
50% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:200,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A

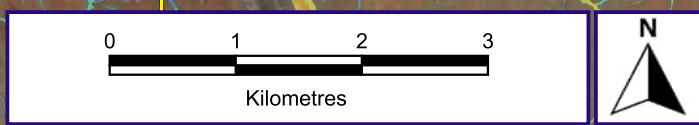


LEGEND

- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

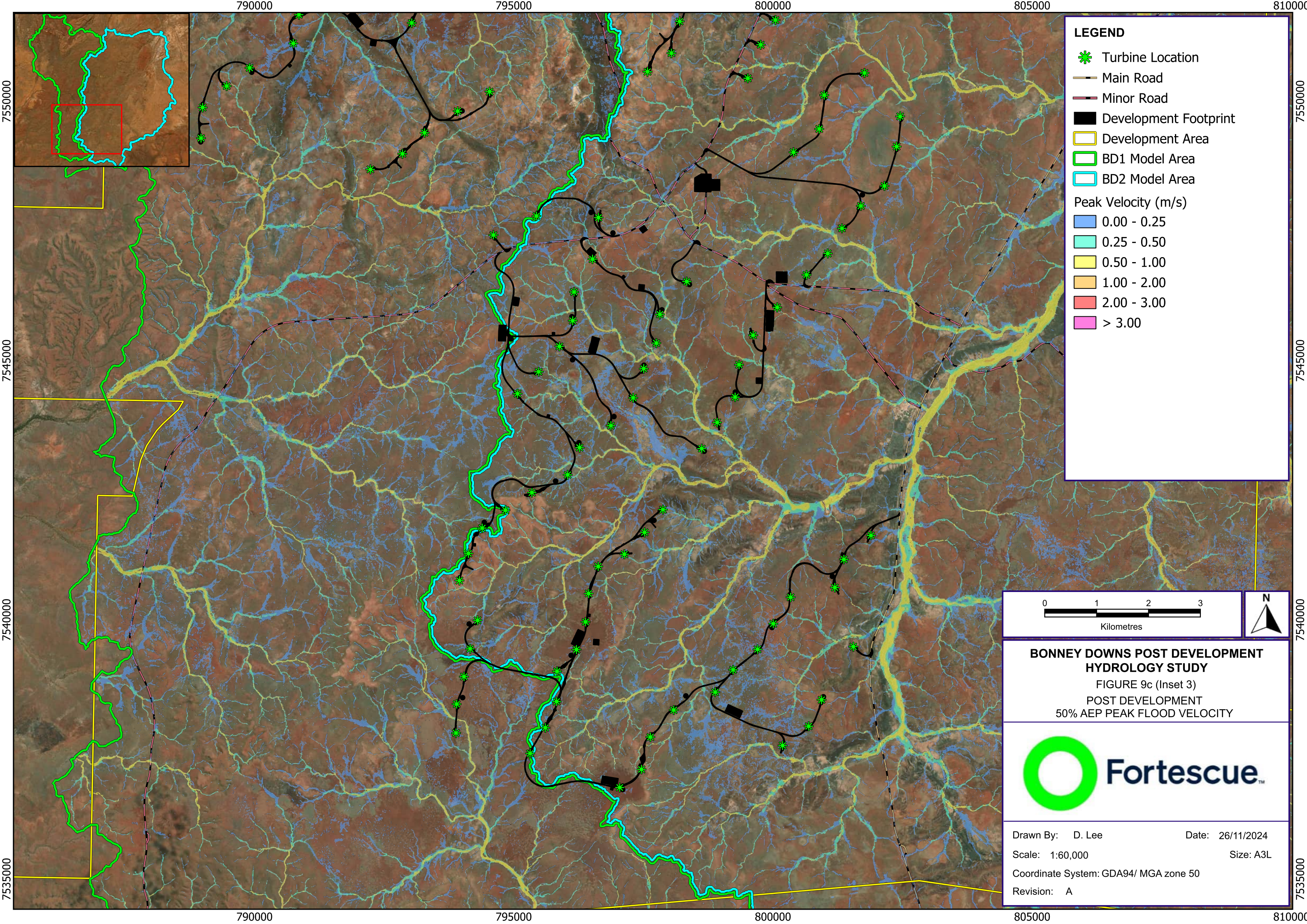
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 9a (Inset 1)
POST DEVELOPMENT
50% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A

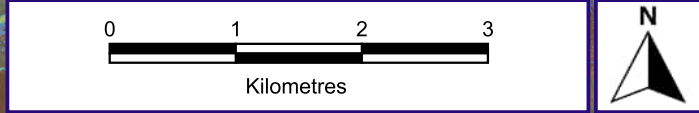


LEGEND

- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Peak Velocity (m/s)

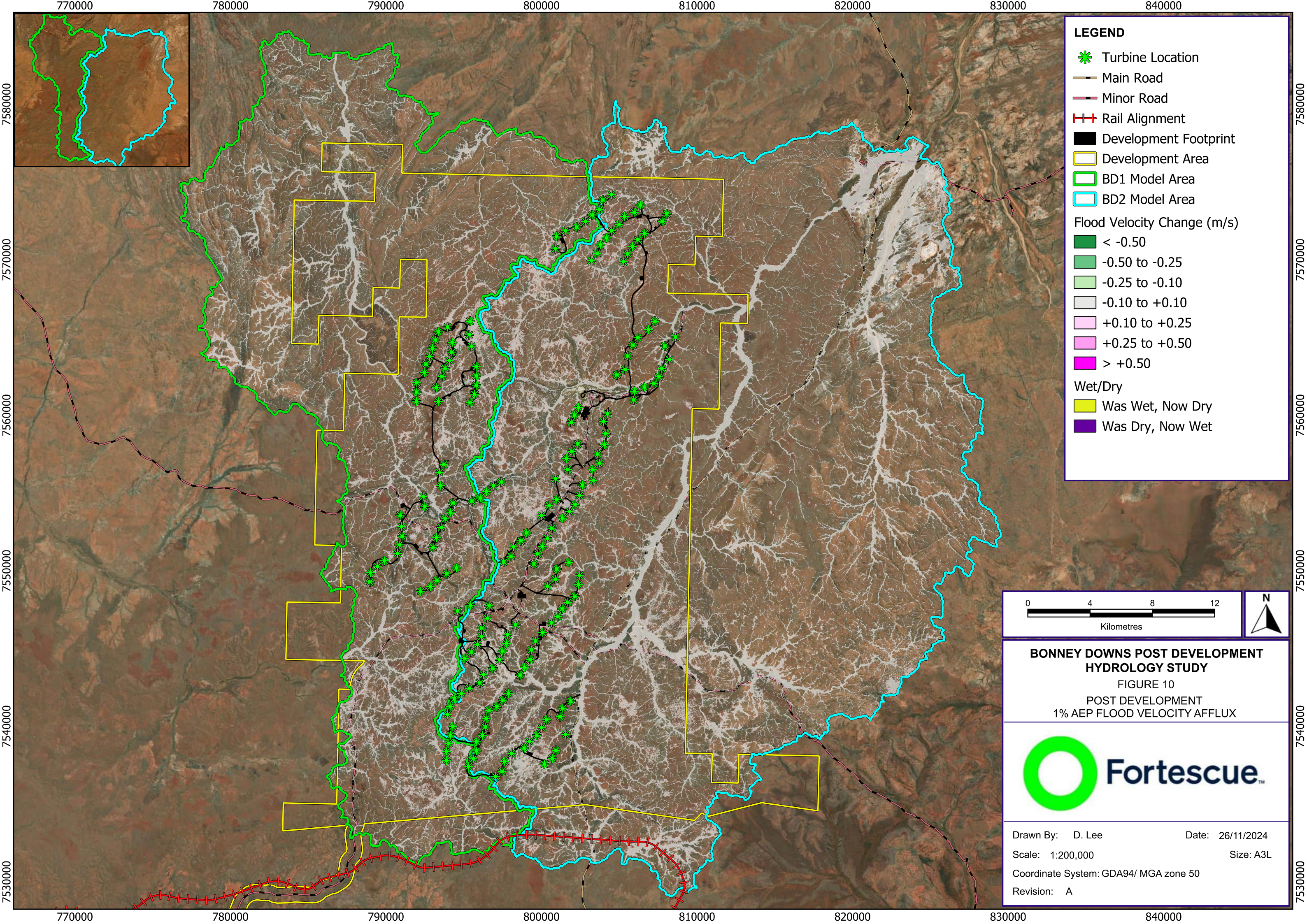
- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- 2.00 - 3.00
- > 3.00



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 9c (Inset 3)
POST DEVELOPMENT
50% AEP PEAK FLOOD VELOCITY



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

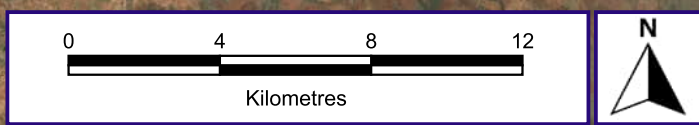
- Turbine Location
- Main Road
- Minor Road
- Rail Alignment
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Flood Velocity Change (m/s)

- < -0.50
- 0.50 to -0.25
- 0.25 to -0.10
- 0.10 to +0.10
- +0.10 to +0.25
- +0.25 to +0.50
- > +0.50

Wet/Dry

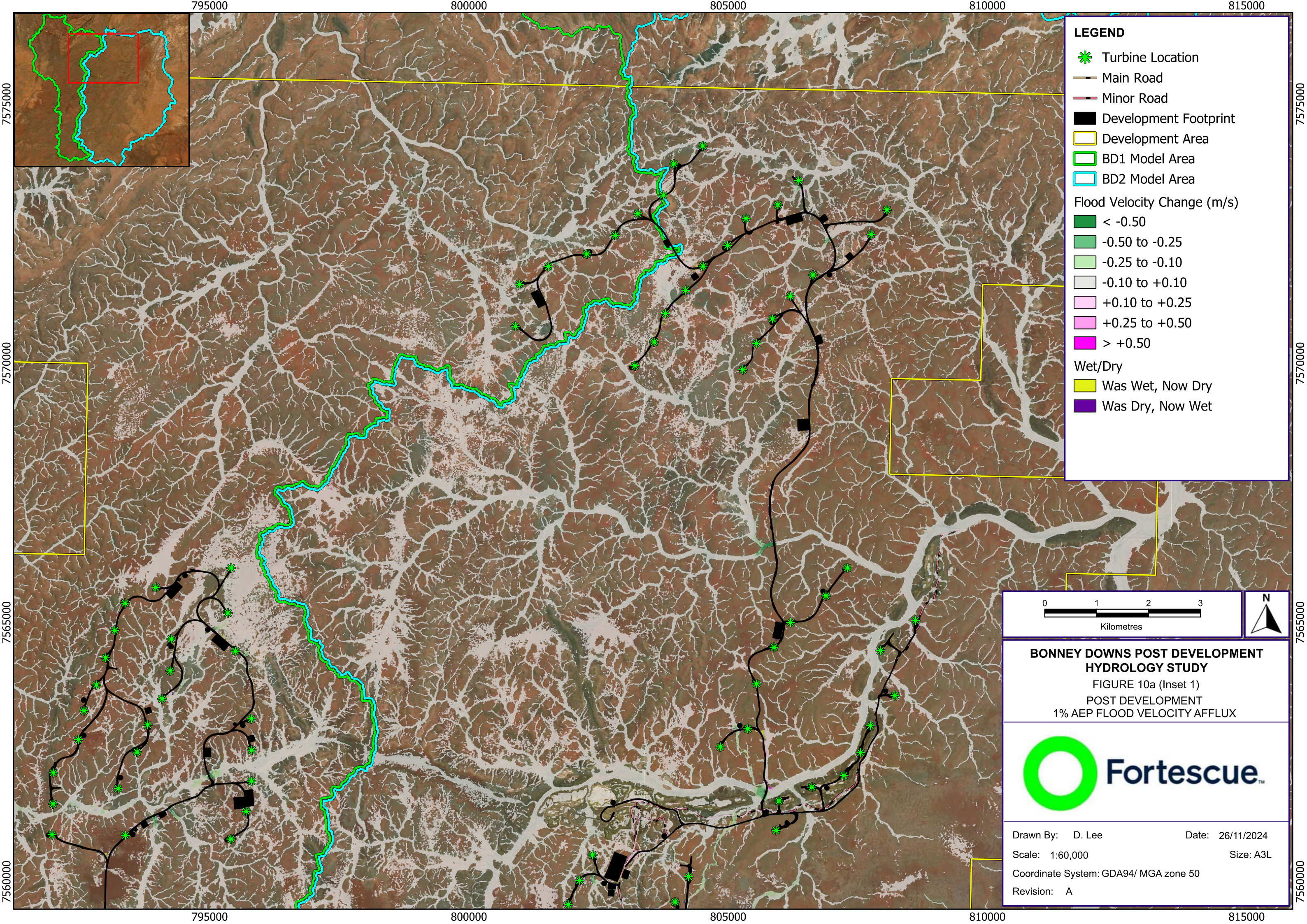
- Was Wet, Now Dry
- Was Dry, Now Wet



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 10
POST DEVELOPMENT
1% AEP FLOOD VELOCITY AFFLUX



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:200,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

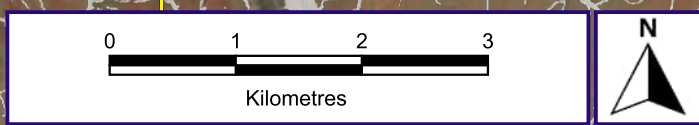
- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Flood Velocity Change (m/s)

- < -0.50
- 0.50 to -0.25
- 0.25 to -0.10
- 0.10 to +0.10
- +0.10 to +0.25
- +0.25 to +0.50
- > +0.50

Wet/Dry

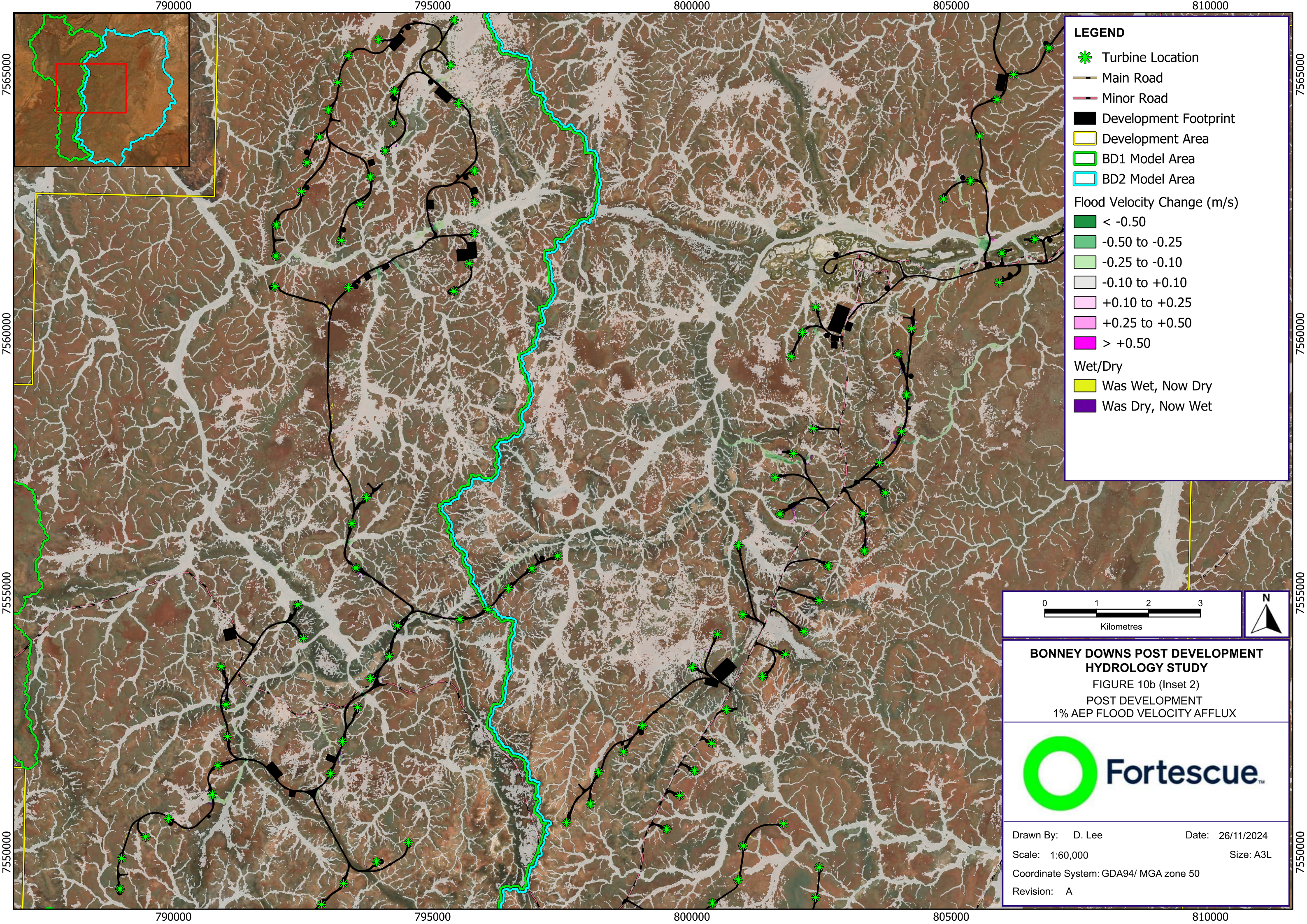
- Was Wet, Now Dry
- Was Dry, Now Wet



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 10a (Inset 1)
POST DEVELOPMENT
1% AEP FLOOD VELOCITY AFFLUX



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

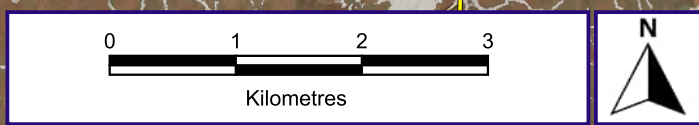
- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Flood Velocity Change (m/s)

- < -0.50
- 0.50 to -0.25
- 0.25 to -0.10
- 0.10 to +0.10
- +0.10 to +0.25
- +0.25 to +0.50
- > +0.50

Wet/Dry

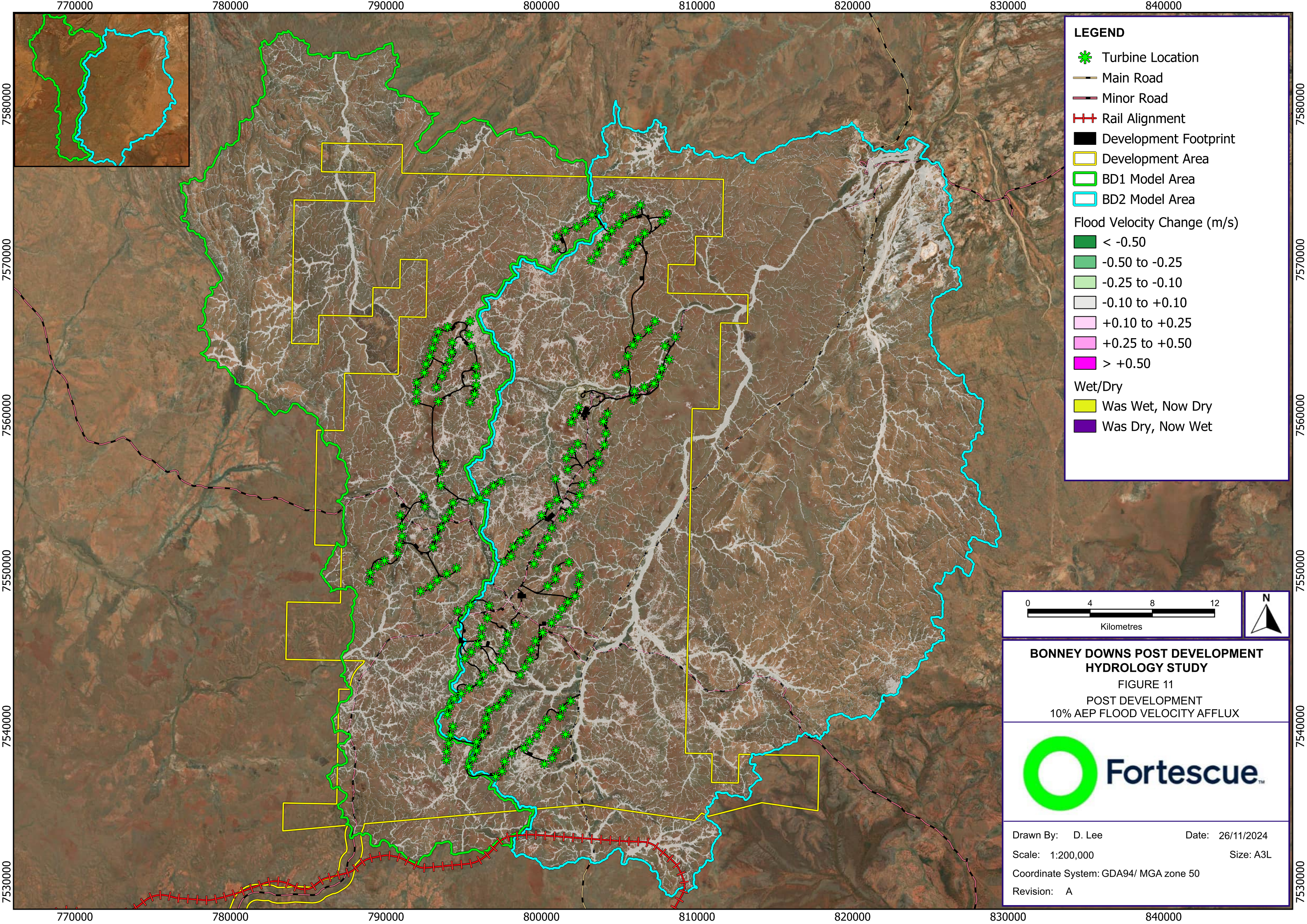
- Was Wet, Now Dry
- Was Dry, Now Wet



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 10b (Inset 2)
POST DEVELOPMENT
1% AEP FLOOD VELOCITY AFFLUX



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

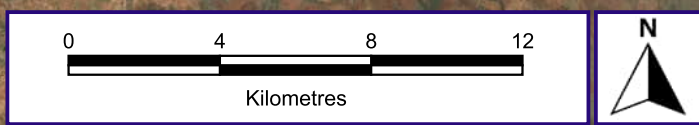
- Turbine Location
- Main Road
- Minor Road
- Rail Alignment
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Flood Velocity Change (m/s)

- < -0.50
- 0.50 to -0.25
- 0.25 to -0.10
- 0.10 to +0.10
- +0.10 to +0.25
- +0.25 to +0.50
- > +0.50

Wet/Dry

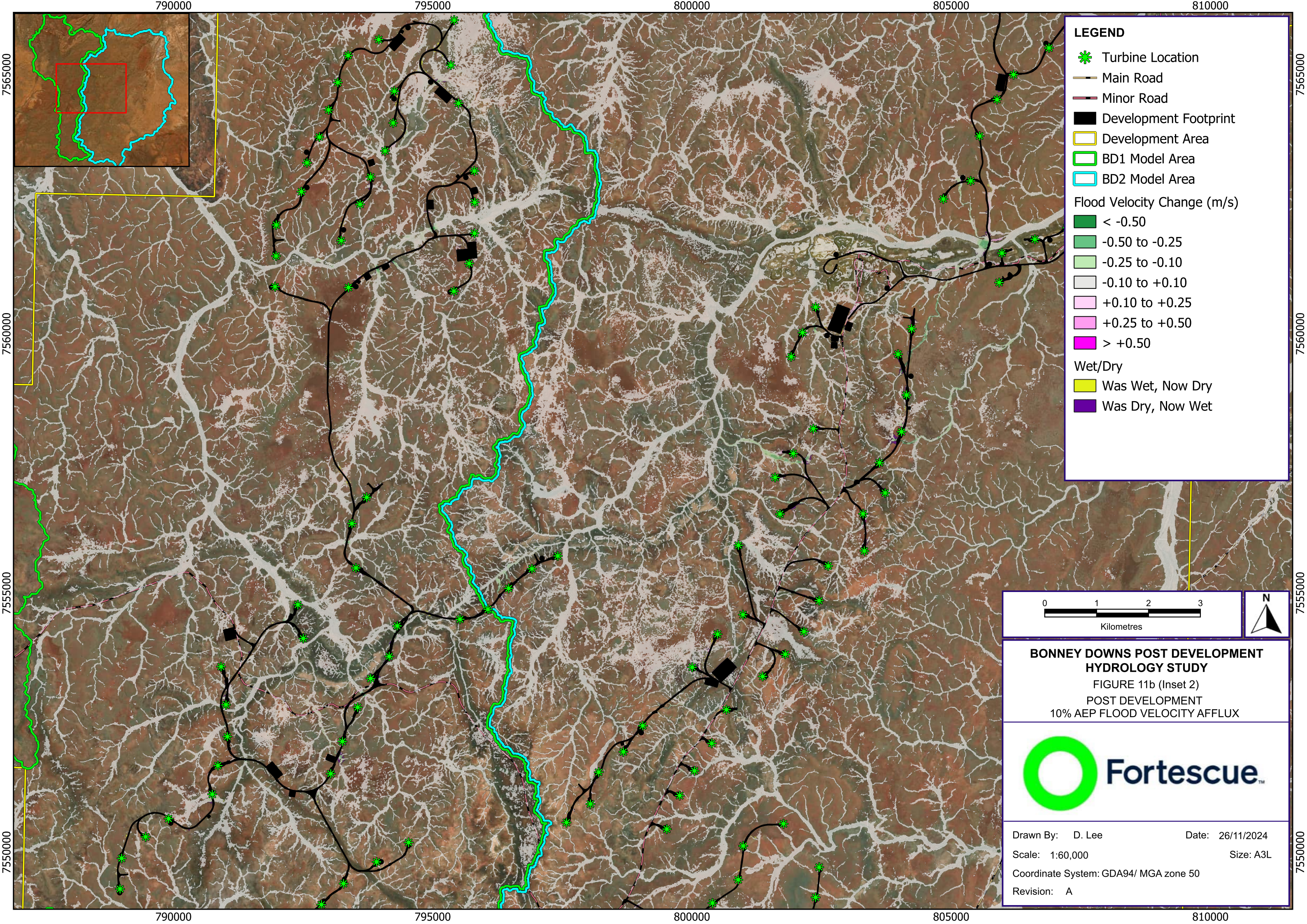
- Was Wet, Now Dry
- Was Dry, Now Wet



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 11
POST DEVELOPMENT
10% AEP FLOOD VELOCITY AFFLUX



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:200,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

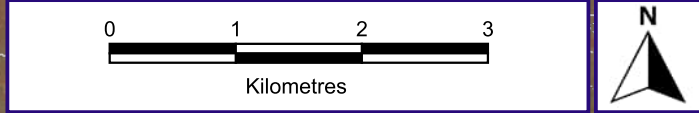
- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Flood Velocity Change (m/s)

- < -0.50
- 0.50 to -0.25
- 0.25 to -0.10
- 0.10 to +0.10
- +0.10 to +0.25
- +0.25 to +0.50
- > +0.50

Wet/Dry

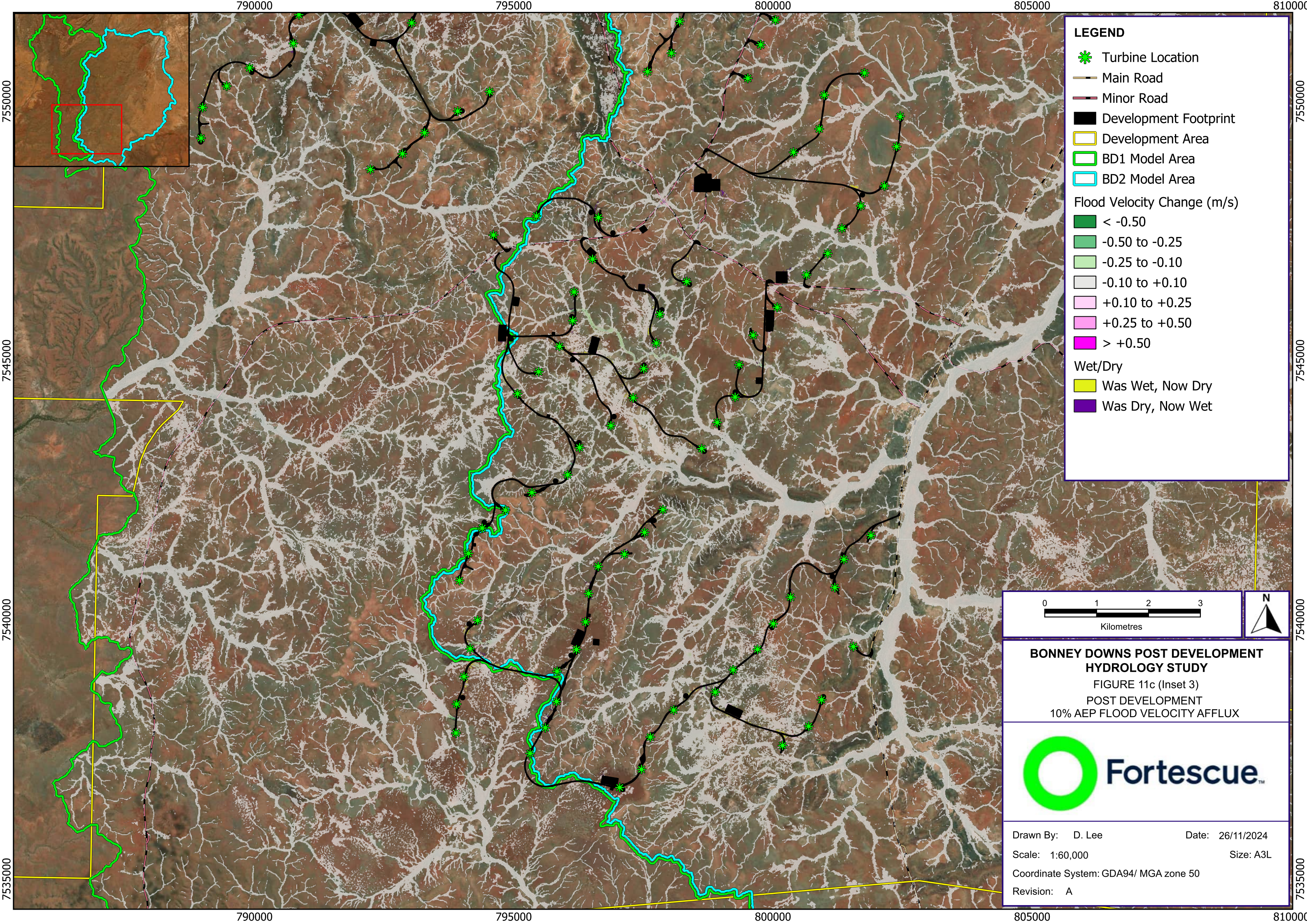
- Was Wet, Now Dry
- Was Dry, Now Wet



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 11b (Inset 2)
POST DEVELOPMENT
10% AEP FLOOD VELOCITY AFFLUX



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

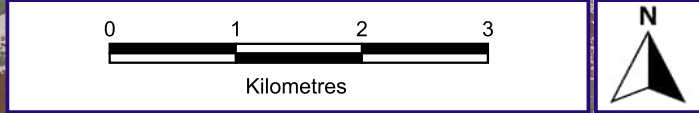
- Turbine Location
- Main Road
- Minor Road
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Flood Velocity Change (m/s)

- < -0.50
- 0.50 to -0.25
- 0.25 to -0.10
- 0.10 to +0.10
- +0.10 to +0.25
- +0.25 to +0.50
- > +0.50

Wet/Dry

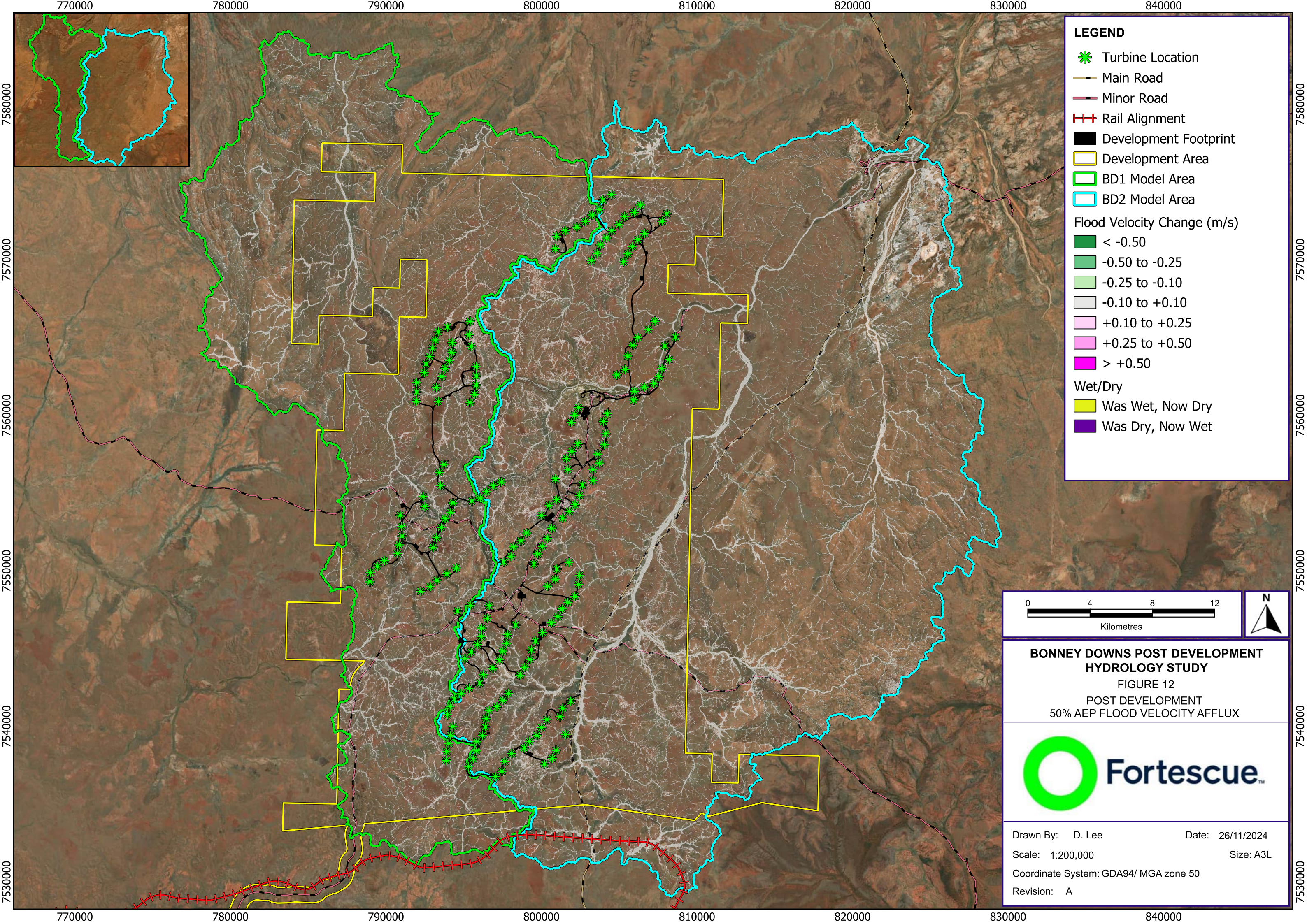
- Was Wet, Now Dry
- Was Dry, Now Wet



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 11c (Inset 3)
POST DEVELOPMENT
10% AEP FLOOD VELOCITY AFFLUX



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:60,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A



LEGEND

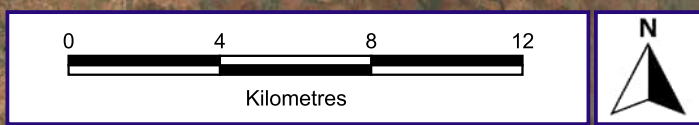
- Turbine Location
- Main Road
- Minor Road
- Rail Alignment
- Development Footprint
- Development Area
- BD1 Model Area
- BD2 Model Area

Flood Velocity Change (m/s)

- < -0.50
- 0.50 to -0.25
- 0.25 to -0.10
- 0.10 to +0.10
- +0.10 to +0.25
- +0.25 to +0.50
- > +0.50

Wet/Dry

- Was Wet, Now Dry
- Was Dry, Now Wet



**BONNEY DOWNS POST DEVELOPMENT
HYDROLOGY STUDY**
FIGURE 12
POST DEVELOPMENT
50% AEP FLOOD VELOCITY AFFLUX



Drawn By: D. Lee Date: 26/11/2024
Scale: 1:200,000 Size: A3L
Coordinate System: GDA94/ MGA zone 50
Revision: A

