

## Blackwattle Bay Precinct

Existing  
1% AEP Flood Depth and Water Level  
Contours

### Legend

- Site Boundary
- Existing Buildings
- Contours (0.5m)

### Depth (m)

- 0.00 to 0.10
- 0.10 to 0.30
- 0.30 to 0.50
- 0.50 to 0.70
- 0.70 to 1.00
- 1.00 to 1.50
- > 1.50

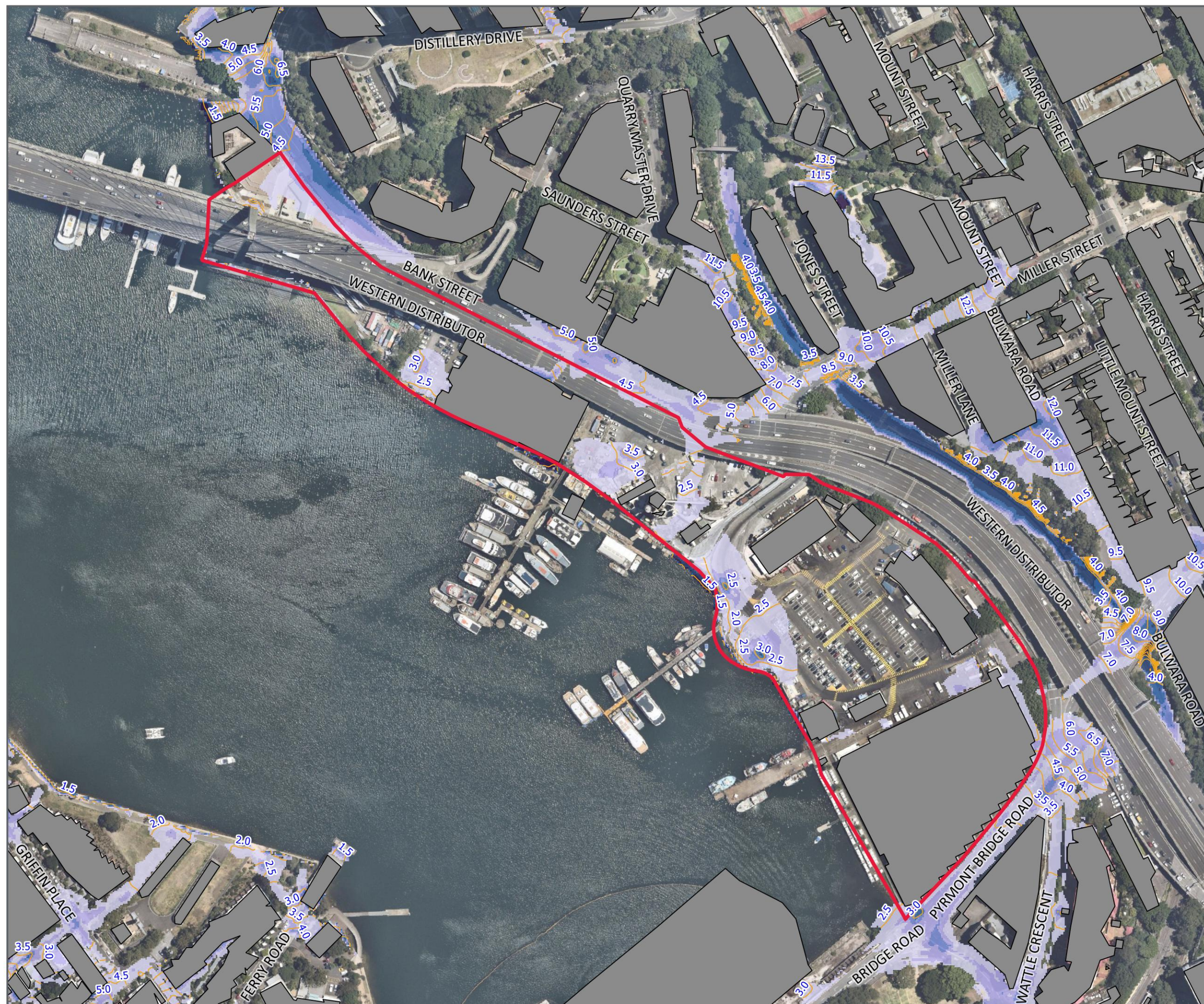


FIGURE 1

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap



## Blackwattle Bay Precinct

Existing  
1% AEP Velocity

### Legend

- Site Boundary
- Existing Buildings
- Velocity (m/s)
  - 0.00 to 0.50
  - 0.50 to 1.00
  - 1.00 to 1.50
  - 1.50 to 2.00
  - 2.00 to 3.00
  - > 3.00

FIGURE 2

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap





## Blackwattle Bay Precinct

Existing  
1% AEP Flood Hazard

### Legend

- Site Boundary
- Existing Buildings
- Flood Hazard**
  - H1 - Generally safe for vehicles, people and buildings.
  - H2 - Unsafe for small vehicles.
  - H3 - Unsafe for vehicles, children and the elderly.
  - H4 - Unsafe for vehicles and people.
  - H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust buildings subject to failure.
  - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

FIGURE 3

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap





## Blackwattle Bay Precinct

Existing  
PMF Flood Depth and Water Level  
Contours

### Legend

- Site Boundary
  - Existing Buildings
  - Contours (0.5m)
- Depth (m)
- 0.00 to 0.10
  - 0.10 to 0.30
  - 0.30 to 0.50
  - 0.50 to 0.70
  - 0.70 to 1.00
  - 1.00 to 1.50
  - > 1.50



FIGURE 4

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap



## Blackwattle Bay Precinct

Existing  
PMF Velocity

### Legend

- Site Boundary
- Existing Buildings
- Velocity (m/s)
  - 0.00 to 0.50
  - 0.50 to 1.00
  - 1.00 to 1.50
  - 1.50 to 2.00
  - 2.00 to 3.00
  - > 3.00

FIGURE 5

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap





## Blackwattle Bay Precinct

Existing  
PMF Flood Hazard

### Legend

- Site Boundary
- Existing Buildings
- Flood Hazard**
  - H1 - Generally safe for vehicles, people and buildings.
  - H2 - Unsafe for small vehicles.
  - H3 - Unsafe for vehicles, children and the elderly.
  - H4 - Unsafe for vehicles and people.
  - H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust buildings subject to failure.
  - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

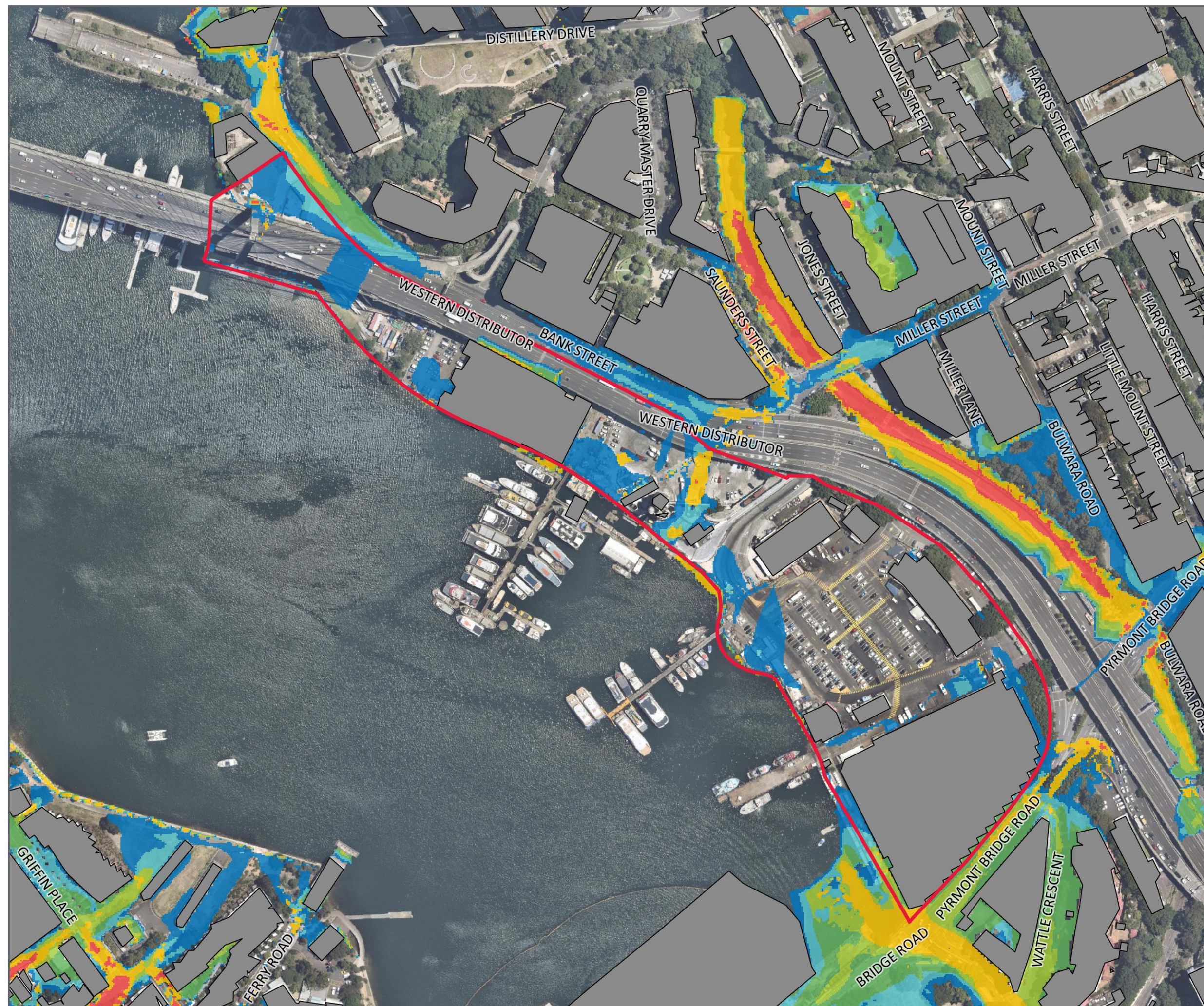
FIGURE 6

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap





## Blackwattle Bay Precinct

Proposed  
1% AEP Flood Depth and Water Level  
Contours

### Legend

- Site Boundary
- Proposed Buildings
- Contours (0.5m)

### Depth (m)

- 0.00 to 0.10
- 0.10 to 0.30
- 0.30 to 0.50
- 0.50 to 0.70
- 0.70 to 1.00
- 1.00 to 1.50
- > 1.50



FIGURE 7

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap



## Blackwattle Bay Precinct

Proposed  
1% AEP Velocity

### Legend

- Site Boundary
  - Proposed Buildings
- Velocity (m/s)
- 0.00 to 0.50
  - 0.50 to 1.00
  - 1.00 to 1.50
  - 1.50 to 2.00
  - 2.00 to 3.00
  - > 3.00

FIGURE 8

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap





## Blackwattle Bay Precinct

Proposed  
1% AEP Flood Hazard

### Legend

- Site Boundary
- Proposed Buildings
- Flood Hazard**
  - H1 - Generally safe for vehicles, people and buildings.
  - H2 - Unsafe for small vehicles.
  - H3 - Unsafe for vehicles, children and the elderly.
  - H4 - Unsafe for vehicles and people.
  - H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust buildings subject to failure.
  - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

FIGURE 9

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap





## Blackwattle Bay Precinct

Proposed  
PMF Flood Depth and Water Level  
Contours

### Legend

- Site Boundary
- Proposed Buildings
- Contours (0.5m)

### Depth (m)

- 0.00 to 0.10
- 0.10 to 0.30
- 0.30 to 0.50
- 0.50 to 0.70
- 0.70 to 1.00
- 1.00 to 1.50
- > 1.50



FIGURE 10

1:2,500 Scale at A3

0 30 60 90 120 150 m



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap



## Blackwattle Bay Precinct

Proposed  
PMF Velocity

### Legend

- Site Boundary
  - Proposed Buildings
- Velocity (m/s)
- 0.00 to 0.50
  - 0.50 to 1.00
  - 1.00 to 1.50
  - 1.50 to 2.00
  - 2.00 to 3.00
  - > 3.00

FIGURE 11

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap





## Blackwattle Bay Precinct

Proposed  
PMF Flood Hazard

### Legend

- Site Boundary
- Proposed Buildings
- Flood Hazard**
  - H1 - Generally safe for vehicles, people and buildings.
  - H2 - Unsafe for small vehicles.
  - H3 - Unsafe for vehicles, children and the elderly.
  - H4 - Unsafe for vehicles and people.
  - H5 - Unsafe for vehicles and people. All buildings vulnerable to structural damage. Some less robust buildings subject to failure.
  - H6 - Unsafe for vehicles and people. All building types considered vulnerable to failure.

FIGURE 12

1:2,500 Scale at A3



**Cardno**

Map Produced by Cardno NSW/ACT Pty Ltd (NatW&E)  
Date: 2020-12-10 | Project: AWE200202  
Coordinate System: MGA Zone 56  
Map: BBP\_Figures.qgz  
Aerial Imagery supplied by Nearmap







## Blackwattle Bay Precinct

Proposed 1% AEP Less Existing 1%  
AEP  
Water Level Difference Plot

### Legend

- Site Boundary
- Proposed Buildings
- Water Level Difference (m)
  - < -0.50
  - 0.50 to -0.20
  - 0.20 to -0.10
  - 0.10 to -0.05
  - 0.05 to -0.01
  - 0.01 to 0.01
  - 0.01 to 0.05
  - 0.05 to 0.10
  - 0.10 to 0.20
  - 0.20 to 0.50
  - > 0.50
- Wet Dry Analysis
  - Was Wet, Now Dry
  - Was Dry, Now Wet

FIGURE 13

1:2,500 Scale at A3

