



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

Flood Extent Developed 100 Year ARI

UOW MLS FLOOD STUDY

Legend

- Site Boundary
- MLS Footprint
- Watercourses (LPI)
- 1m Flood Height Contour (mAHD)
- Cadastre (LPI, 2015)

Flood Depth (m)

- 0 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.25
- 1.25 - 1.50
- > 1.50

1:3,500 Scale at A3

Metres
0 50 100 150 200



Map Produced by Cardno NSW/ACT Pty Ltd (WOL)
Date: 2017-02-07 | Project: 82017137-01
Coordinate System: GDA 1994 MGA Zone 56
Map: 82017137-GS-007-DevDepth100y.mxd 01
Aerial imagery supplied by nearmap (October 2016)



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Flood Extent Developed PMF

UOW MLS FLOOD STUDY

Legend

- Site Boundary
- MLS Footprint
- Watercourses (LPI)
- 1m Flood Height Contour (mAHD)
- Cadastre (LPI, 2015)

Flood Depth (m)

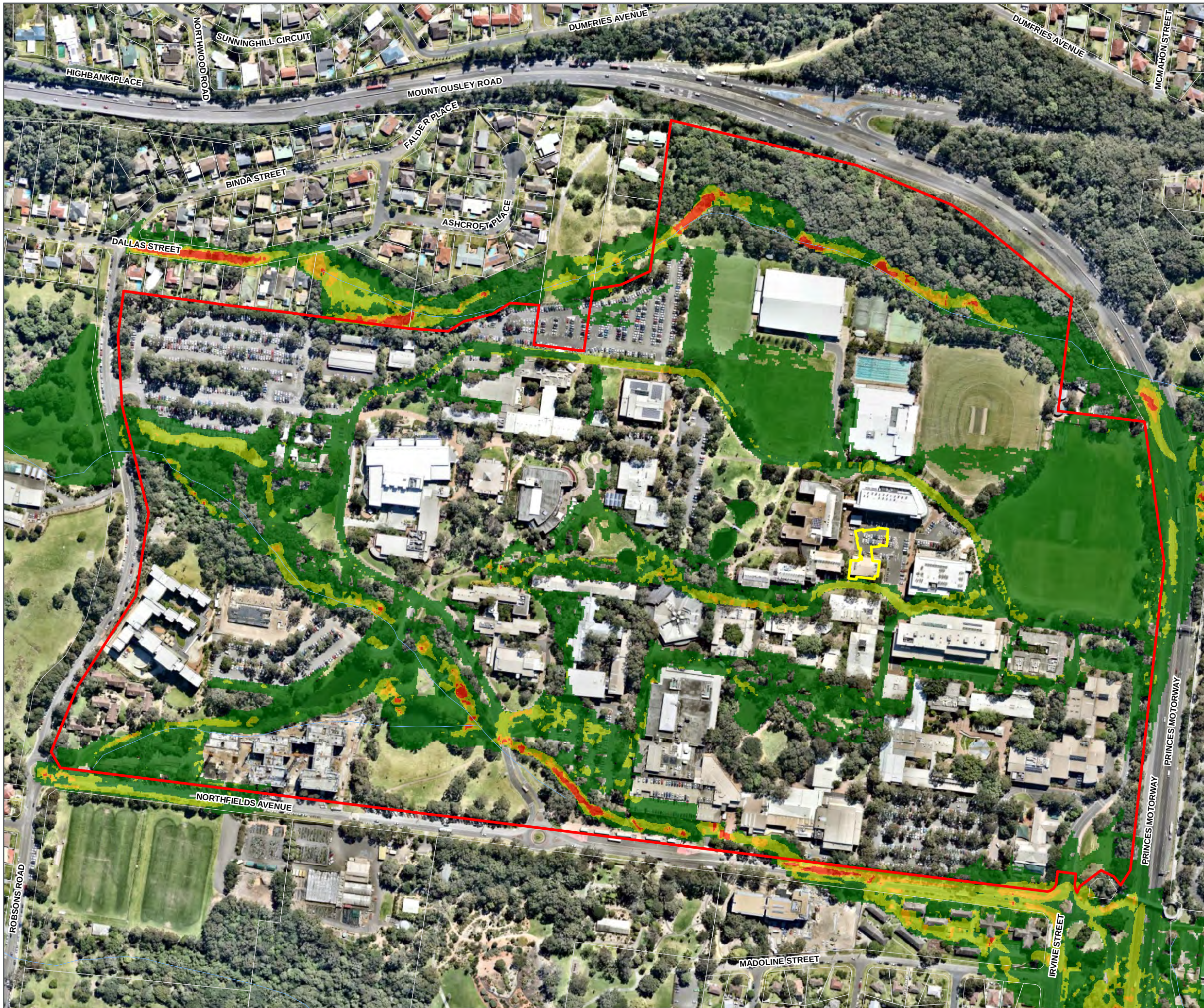
- 0 - 0.25
- 0.25 - 0.50
- 0.50 - 0.75
- 0.75 - 1.00
- 1.00 - 1.25
- 1.25 - 1.50
- > 1.50

1:3,500 Scale at A3

Metres
0 50 100 150 200



Map Produced by Cardno NSW/ACT Pty Ltd (WOL)
Date: 2017-02-07 | Project: 82017137-01
Coordinate System: GDA 1994 MGA Zone 56
Map: 82017137-GS-008-DevDepthPMF.mxd 01
Aerial imagery supplied by nearmap (October 2016)



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Flood Velocity Developed 100 Year ARI

UOW MLS FLOOD STUDY

Legend

- Site Boundary
- MLS Footprint
- Watercourses (LPI)
- Cadastre (LPI, 2015)

Flood Velocity (m/s)

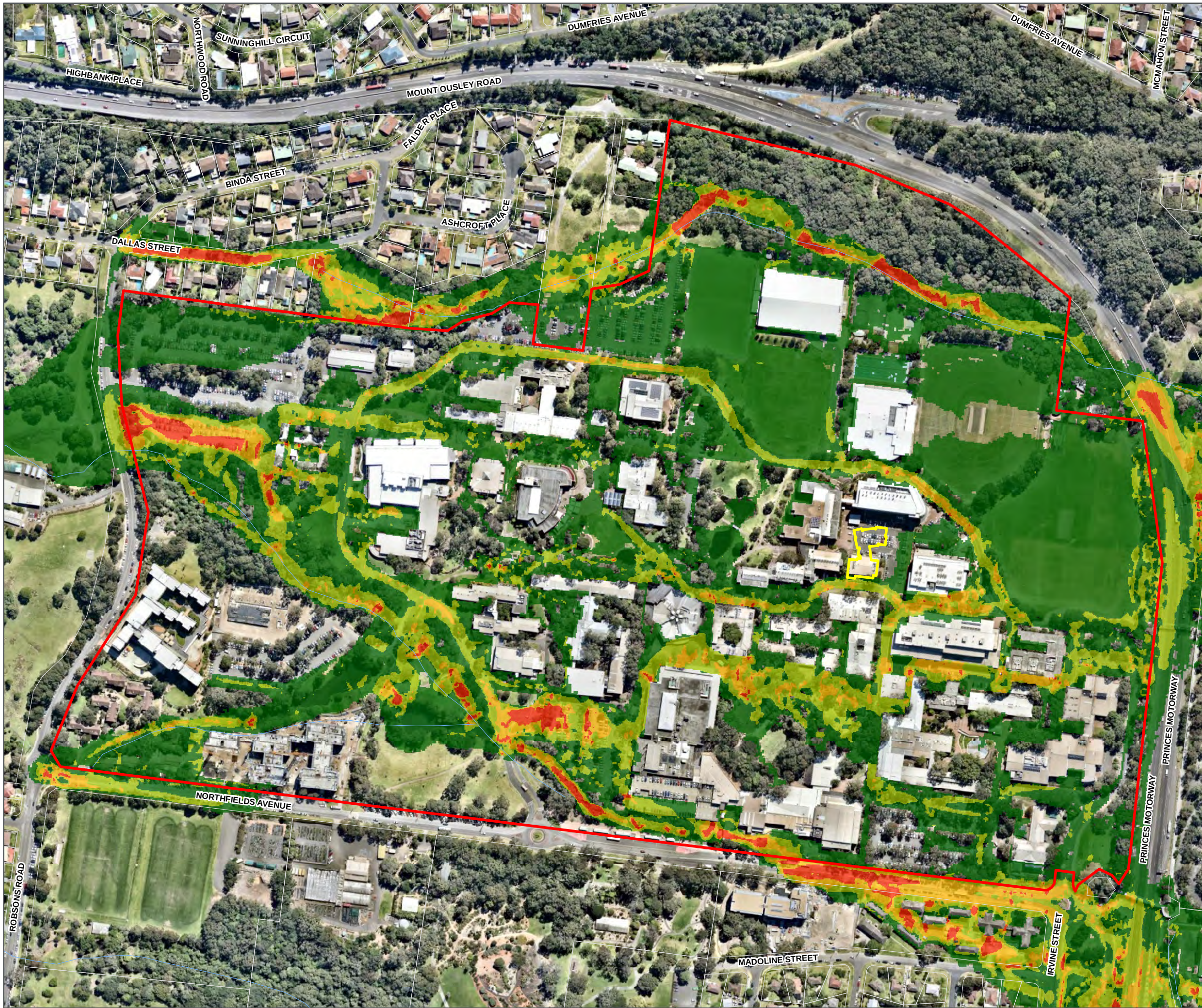
- 0 - 1
- 1 - 2
- 2 - 3
- > 4

1:3,500 Scale at A3

Metres
0 50 100 150 200



Map Produced by Cardno NSW/ACT Pty Ltd (WOL)
Date: 2017-02-07 | Project: 82017137-01
Coordinate System: GDA 1994 MGA Zone 56
Map: 82017137-GS-009-DevVelocity100y.mxd 01
Aerial imagery supplied by nearmap (October 2016)



Flood Velocity Developed PMF

UOW MLS FLOOD STUDY

Legend

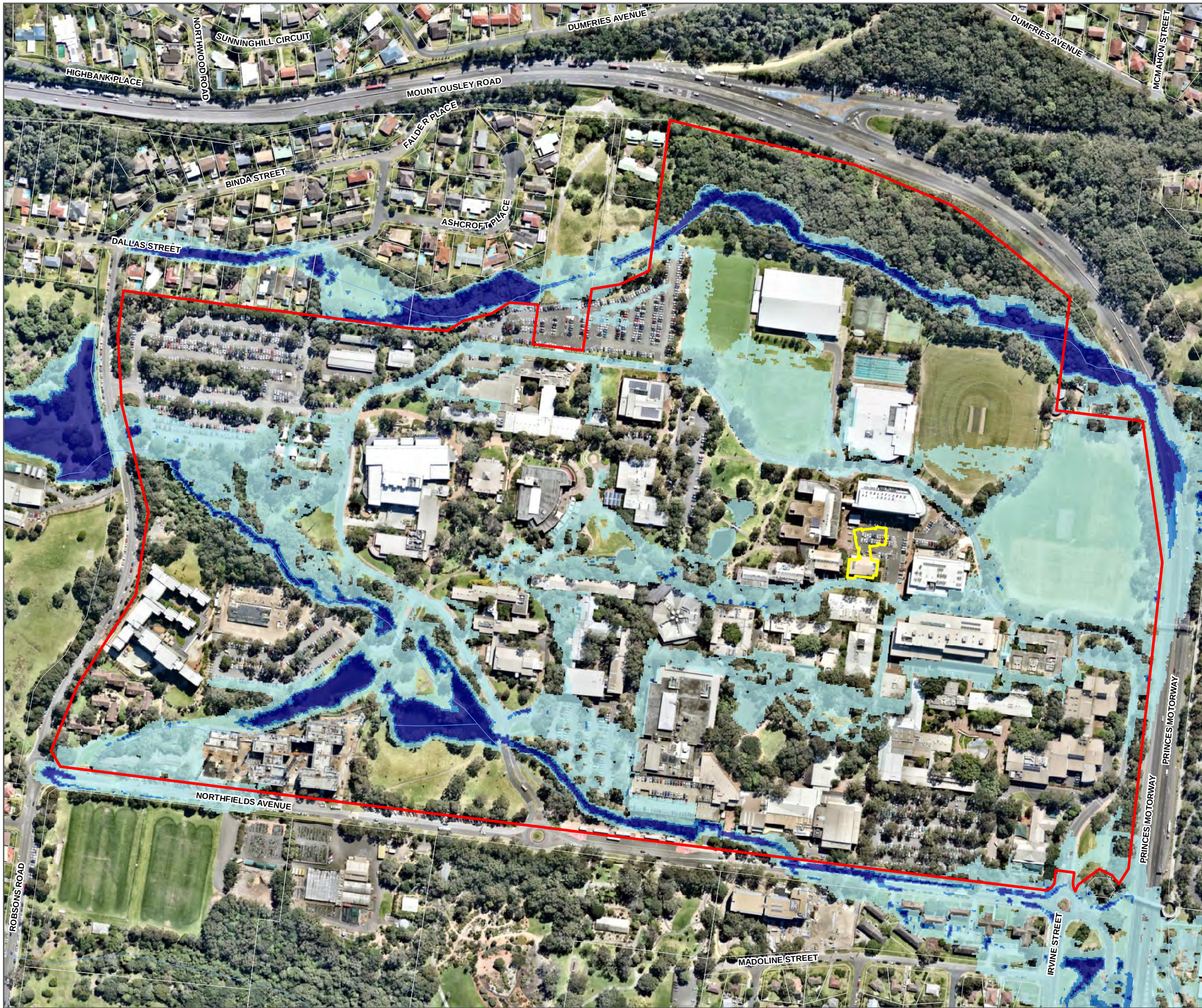
-  Site Boundary
-  MLS Footprint
-  Watercourses (LPI)
-  Cadastre (LPI, 2015)

Flood Velocity (m/s)

-  0 - 1
-  1 - 2
-  2 - 3
-  > 4

1:3,500 Scale at A3

Metres
0 50 100 150 200



Flood Hazard for Developed 100 Year ARI

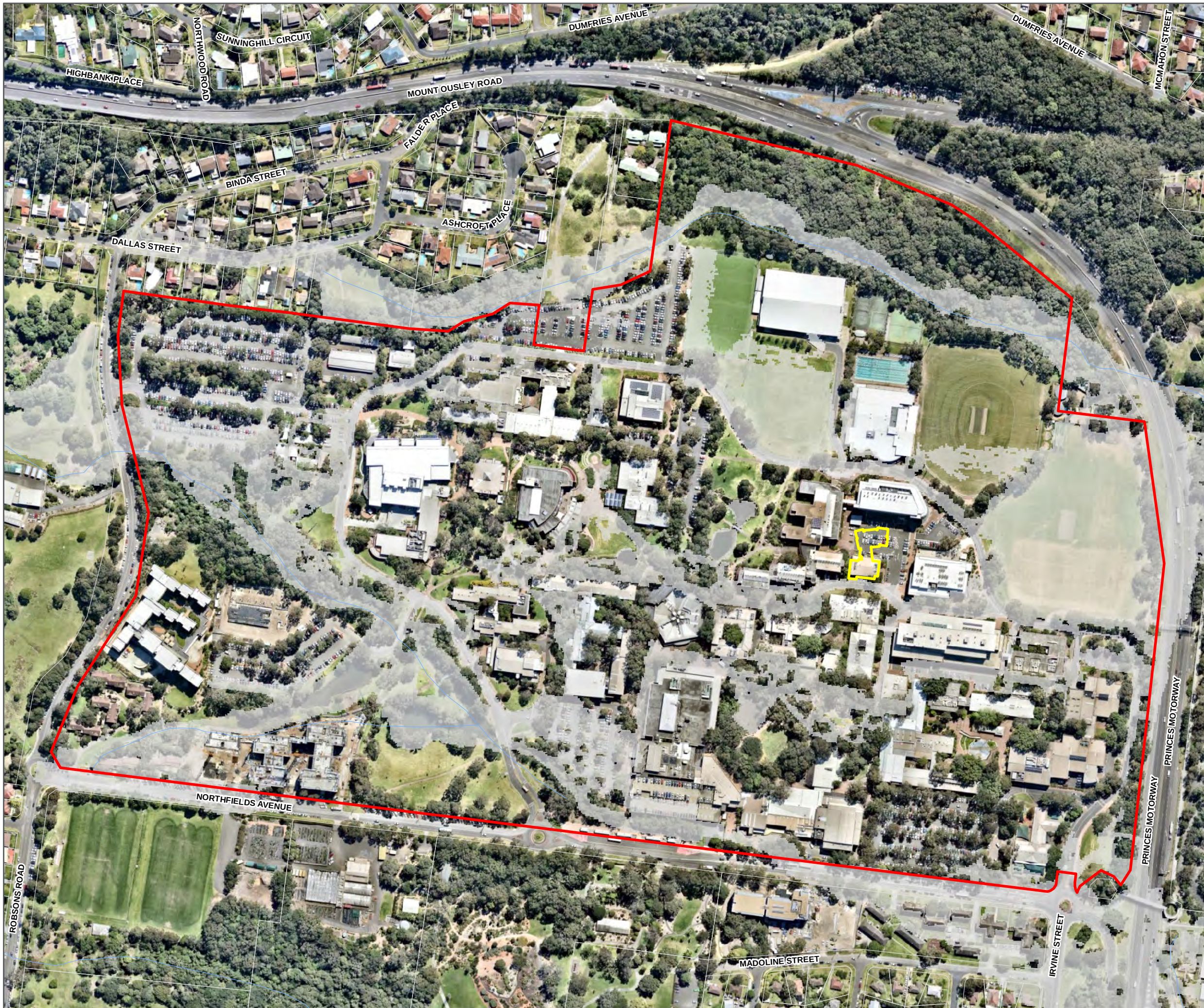
UOW MLS FLOOD STUDY

Legend

-  Site Boundary
 -  MLS Footprint
 -  Watercourses (LPI)
 -  Cadastre (LPI, 2015)
- Flood Hazard**
-  Low Hazard
 -  Medium Hazard
 -  High Hazard

1:3,500 Scale at A3

Metres
0 50 100 150 200



Flood Impacts 100 Year ARI

UOW MLS FLOOD STUDY

Legend

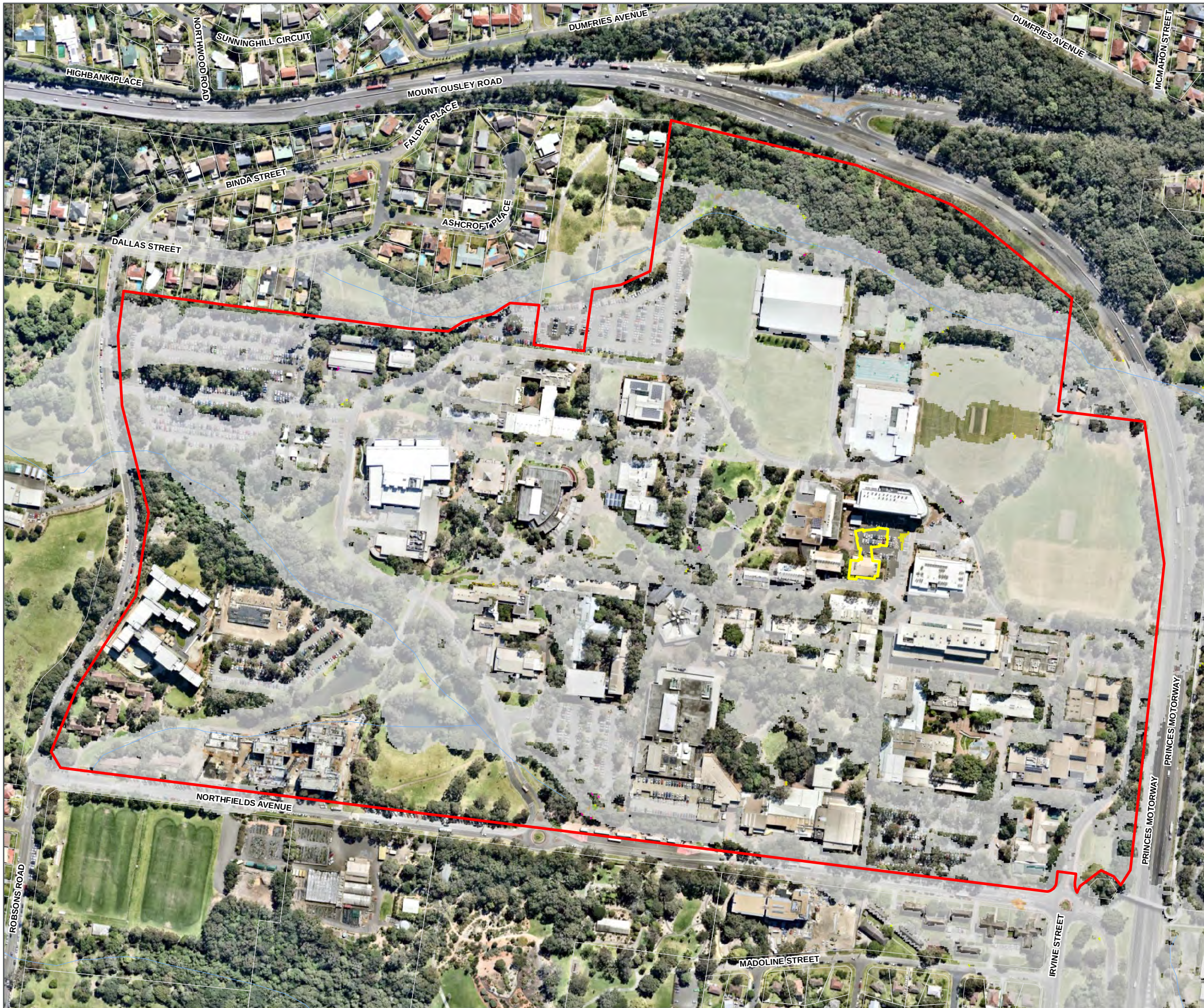
-  Site Boundary
-  MLS Footprint
-  Watercourses (LPI)
-  Cadastre (LPI, 2015)

Change in Flood Levels (m)

-  Was Wet Now Dry
-  < -0.5
-  -0.5 to -0.2
-  -0.2 to -0.1
-  -0.1 to -0.05
-  -0.05 to -0.02
-  -0.02 to 0.02
-  0.02 to 0.05
-  0.05 to 0.1
-  0.1 to 0.2
-  0.2 to 0.5
-  > 0.5
-  Was Dry Now Wet

1:3,500 Scale at A3

Metres
0 50 100 150 200



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Flood Impacts PMF

UOW MLS FLOOD STUDY

Legend

- Site Boundary
- MLS Footprint
- Watercourses (LPI)
- Cadastre (LPI, 2015)

Change in Flood Levels (m)

- Was Wet Now Dry
- < -0.5
- 0.5 to -0.2
- 0.2 to -0.1
- 0.1 to -0.05
- 0.05 to -0.02
- 0.02 to 0.02
- 0.02 to 0.05
- 0.05 to 0.1
- 0.1 to 0.2
- 0.2 to 0.5
- > 0.5
- Was Dry Now Wet

1:3,500 Scale at A3

Metres
0 50 100 150 200



Map Produced by Cardno NSW/ACT Pty Ltd (WOL)
Date: 2017-02-07 | Project: 82017137-01
Coordinate System: GDA 1994 MGA Zone 56
Map: 82017137-GS-013-ImpactsPMF.mxd 01
Aerial imagery supplied by nearmap (October 2016)