



Imagine
Create

CALDERWOOD URBAN DEVELOPMENT PROJECT

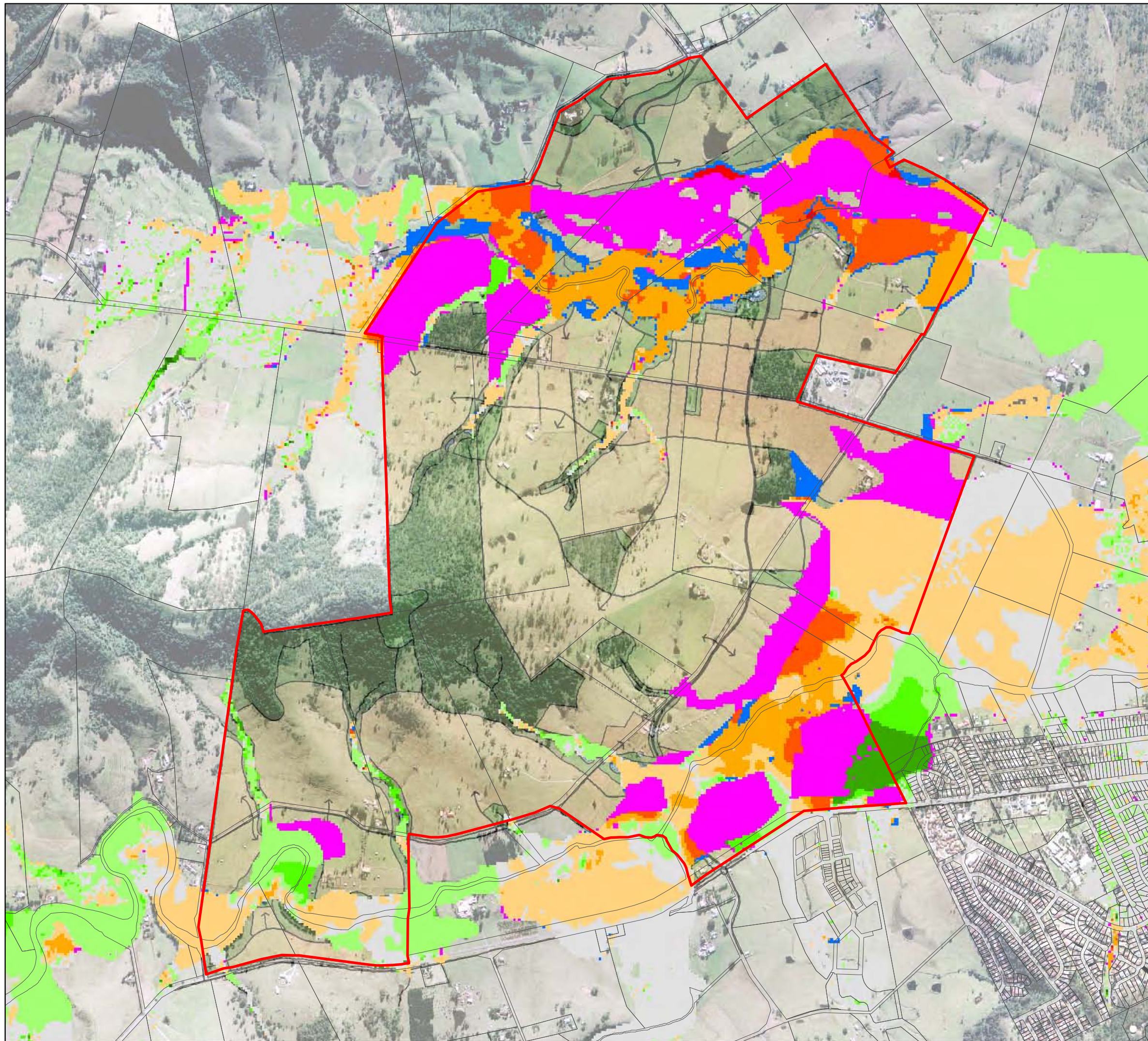
OFFSITE FLOOD IMPACT ANALYSIS

Flood Impact Assessment on Adjoining Land

Concept Plan and State Significant Site Listing

Delfin Lend Lease

August 2010



Design Flood Impact Map
Post-Development
1% AEP 9 Hour Storm
With Future Riparian Corridor

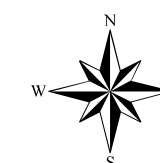
CALDERWOOD
URBAN DEVELOPMENT PROJECT

Legend

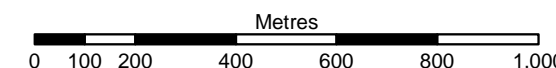
- Site Boundary
- Cadastre (LPMA)

Impact of Development and Riparian
Corridor on Flood Levels (m)

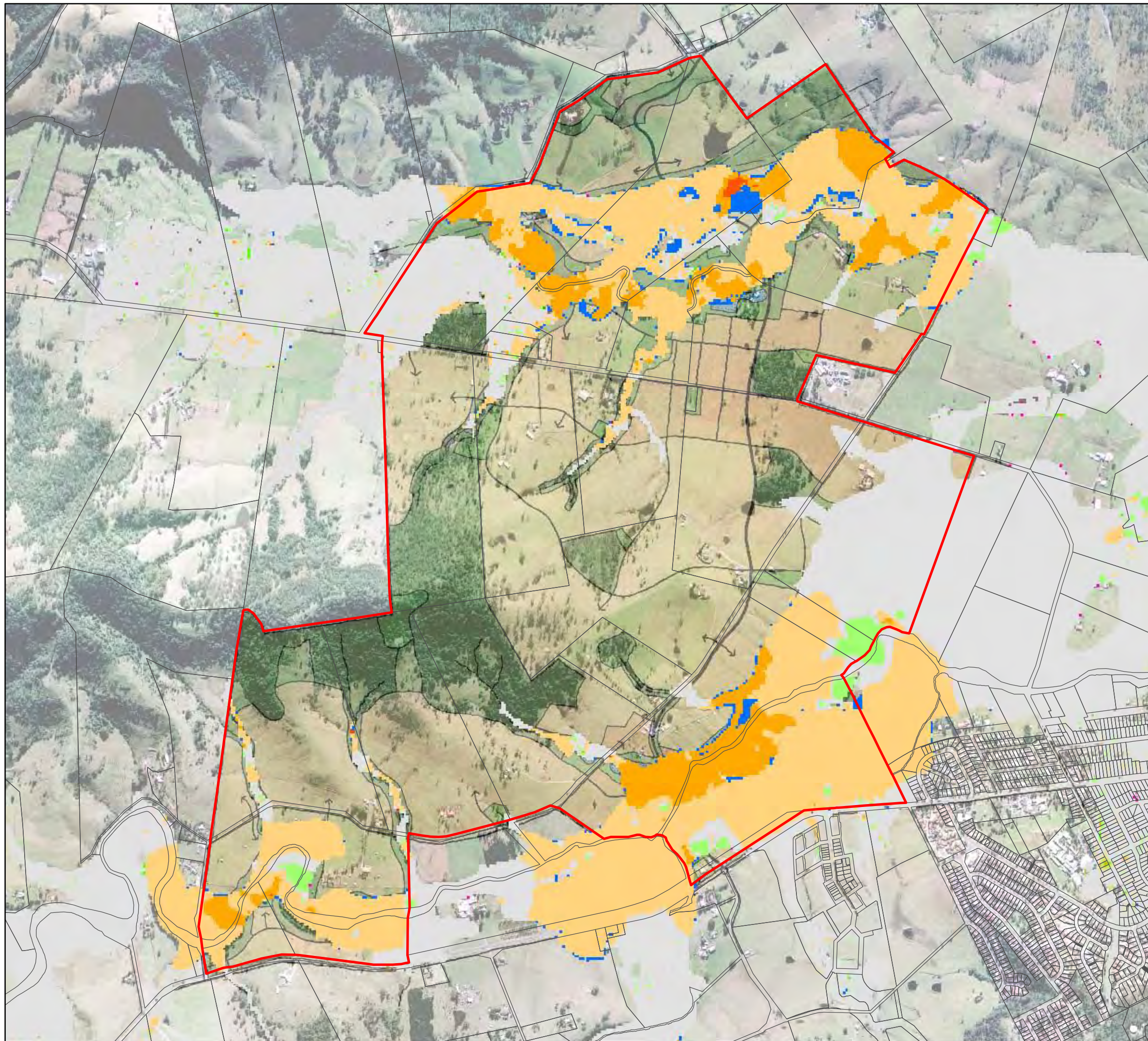
- < -1.0
- 1 to -0.5
- 0.5 to -0.2
- 0.2 to -0.02
- 0.02 to 0.02
- 0.02 to 0.2
- 0.2 to 0.5
- 0.5 to 1
- > 1.0
- Was Wet, Now Dry
- Was Dry, Now Wet



Scale 1:15,000 (at A3)



Map Produced by Cardno Wollongong
Date: 17 February 2010
Coordinate System: Zone 56 MGA/GDA 94
GIS MAP REF: 110026-01
38038_100yr_Impacts_Proposed_Development_Riparian.mxd 04
Aerial imagery supplied by AAM Hatch (2001)
Concept Base Plan from Delfin Lend Lease - February 2010



Design Flood Impact Map
Future Riparian Corridor
Pre-Development
1% AEP 9 Hour Storm

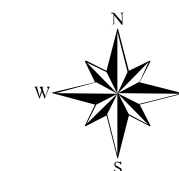
CALDERWOOD
URBAN DEVELOPMENT PROJECT

Legend

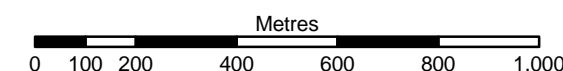
- Site Boundary
- Cadastre (LPMA)

Impact of Riparian Corridor
On Flood Levels (m)

- < -1.0
- 1 to -0.5
- 0.5 to -0.2
- 0.2 to -0.02
- 0.02 to 0.02
- 0.02 to 0.2
- 0.2 to 0.5
- 0.5 to 1
- > 1.0
- Was Dry, Now Wet
- Was Wet, Now Dry

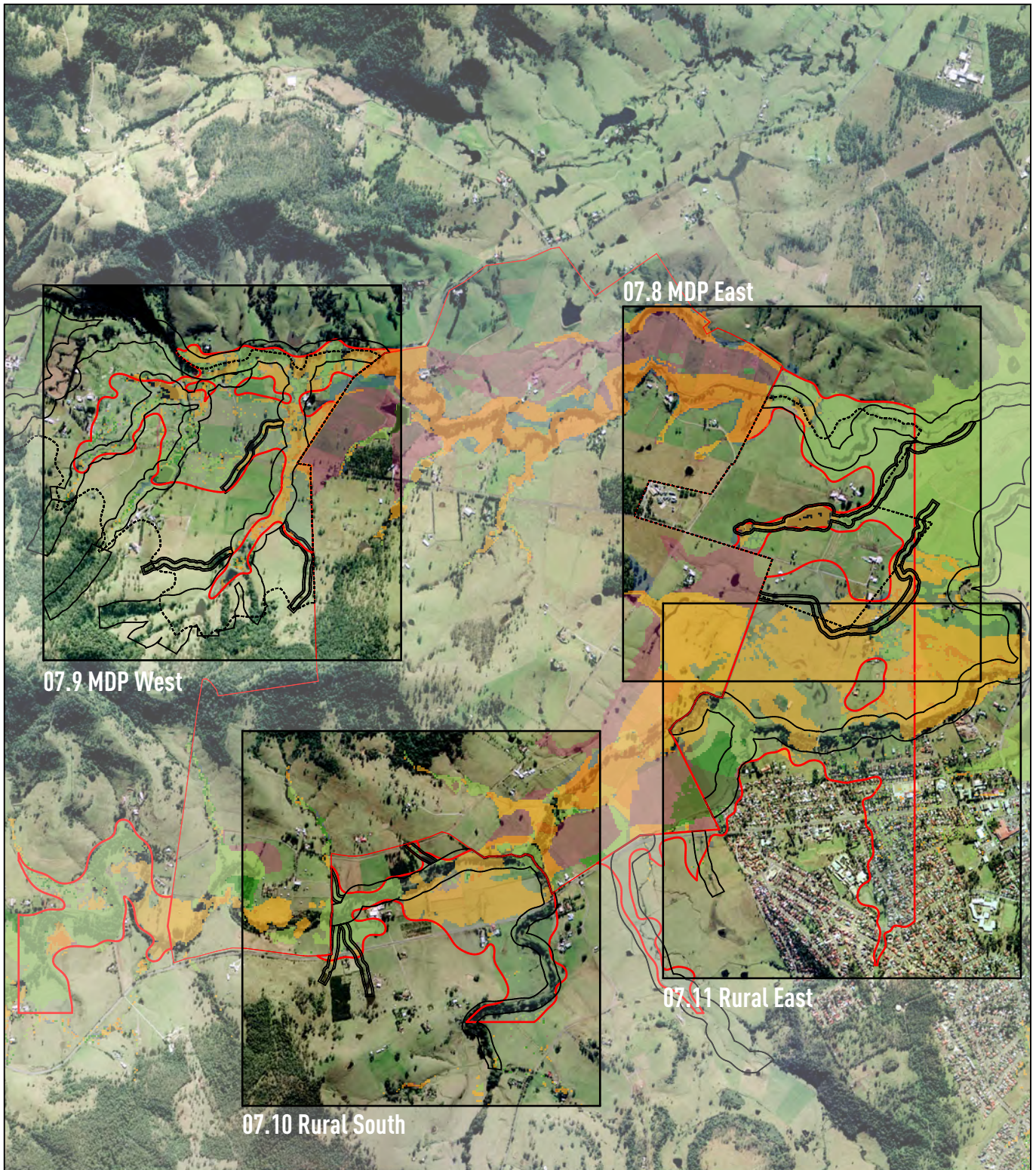


Scale 1:15,000 (at A3)



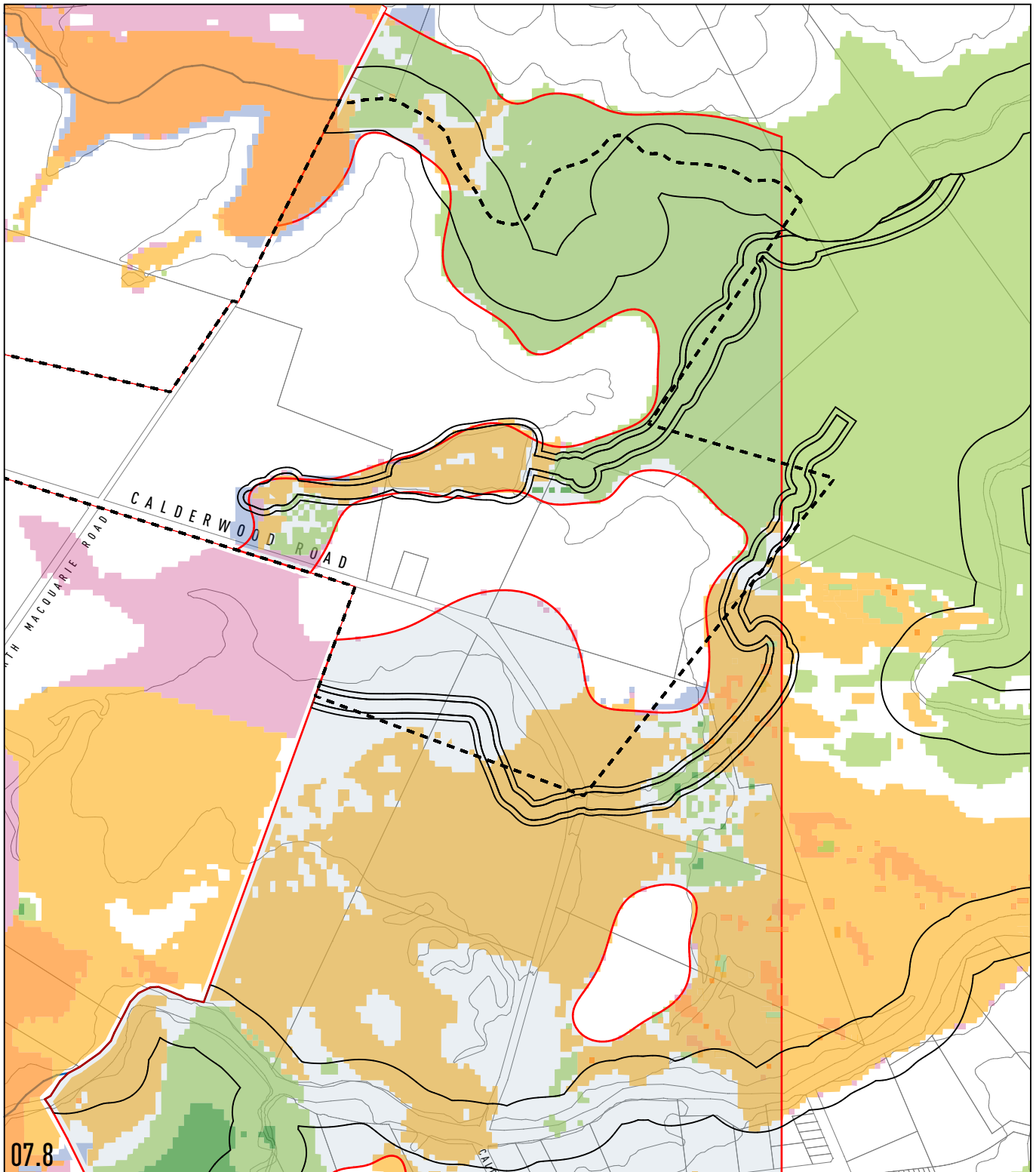
Map Produced by Cardno Wollongong
Date: 17 February 2010
Coordinate System: Zone 56 MGA/GDA 94
GIS MAP REF:
110026-03_38040_100yr_Impacts_Riparian.mxd 03

Aerial imagery supplied by AAM Hatch (2001)
Concept Base Plan from Delfin Lend Lease (February 2010)



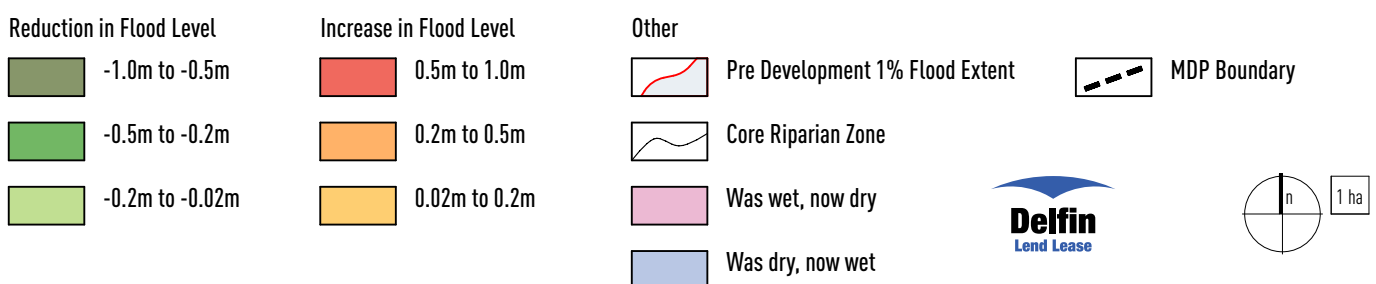
Flood Key Plan (1% 9hr Event)

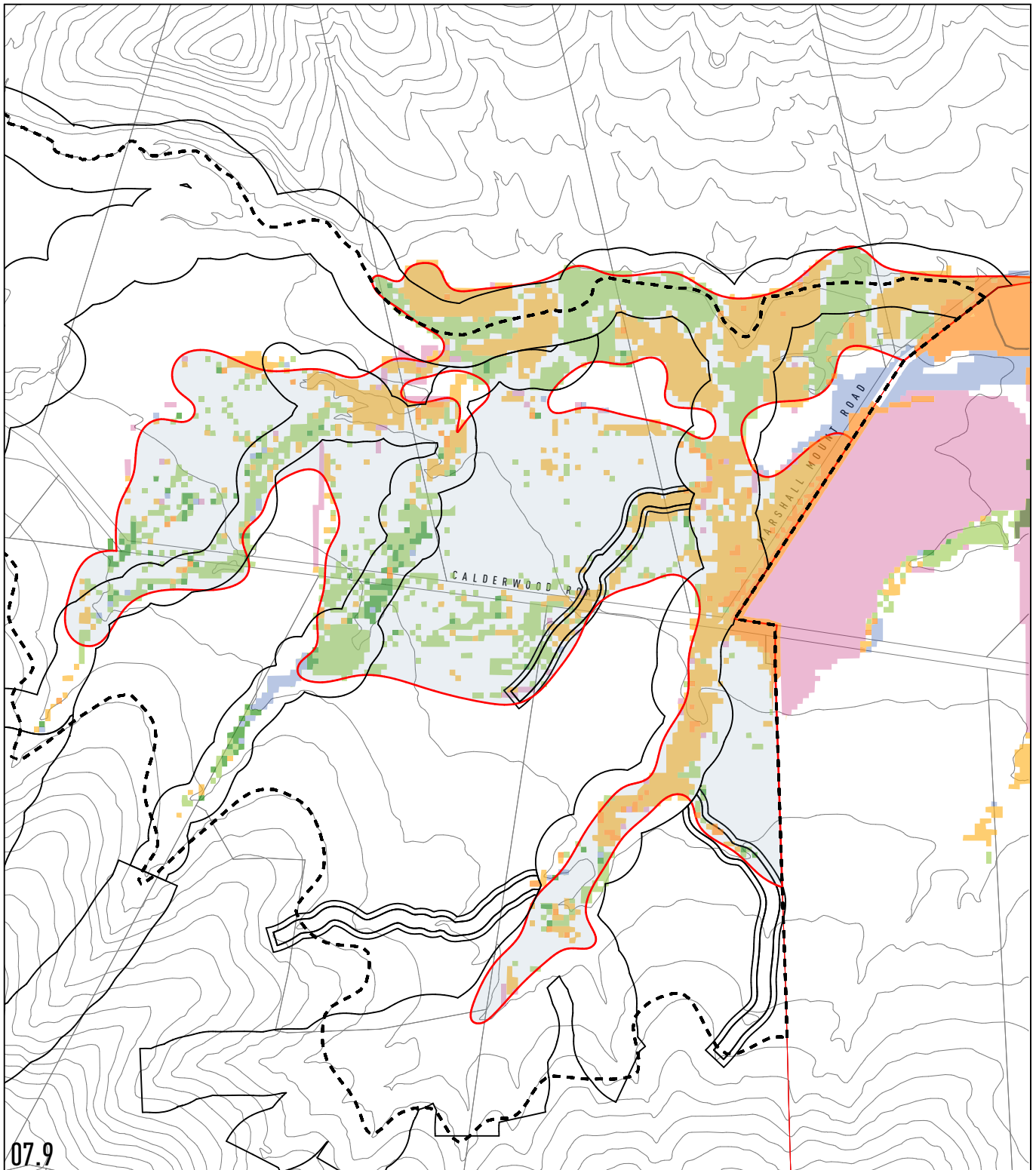
Part 3A | Calderwood Urban Development Project



Flood Impact MDP East (1% 9hr Event)

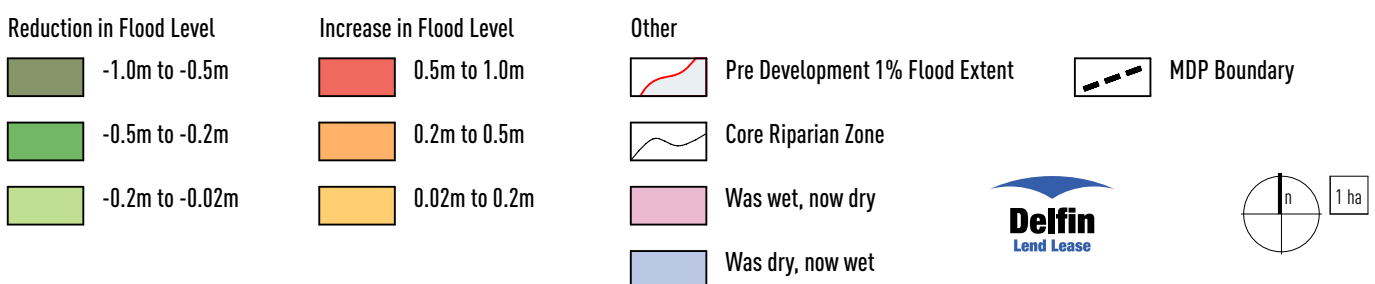
Part 3A | Calderwood Urban Development Project

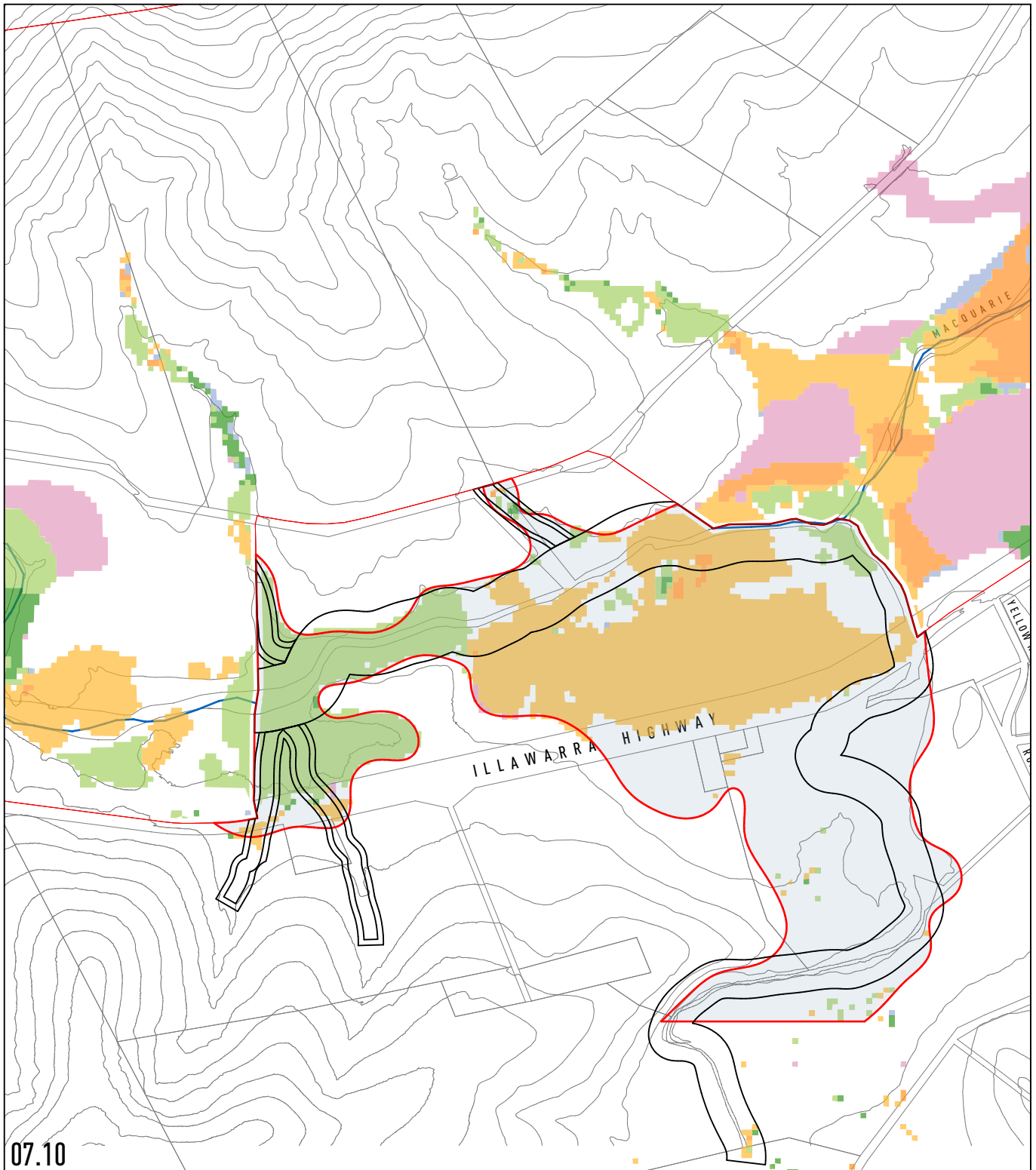




Flood Impact MDP West (1% 9hr Event)

Part 3A | Calderwood Urban Development Project

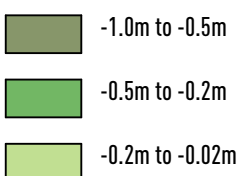




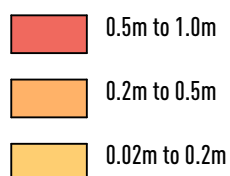
Flood Impact Rural South (1% 9hr Event)

Part 3A | Calderwood Urban Development Project

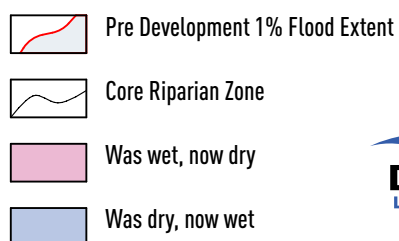
Reduction in Flood Level



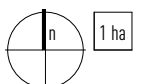
Increase in Flood Level

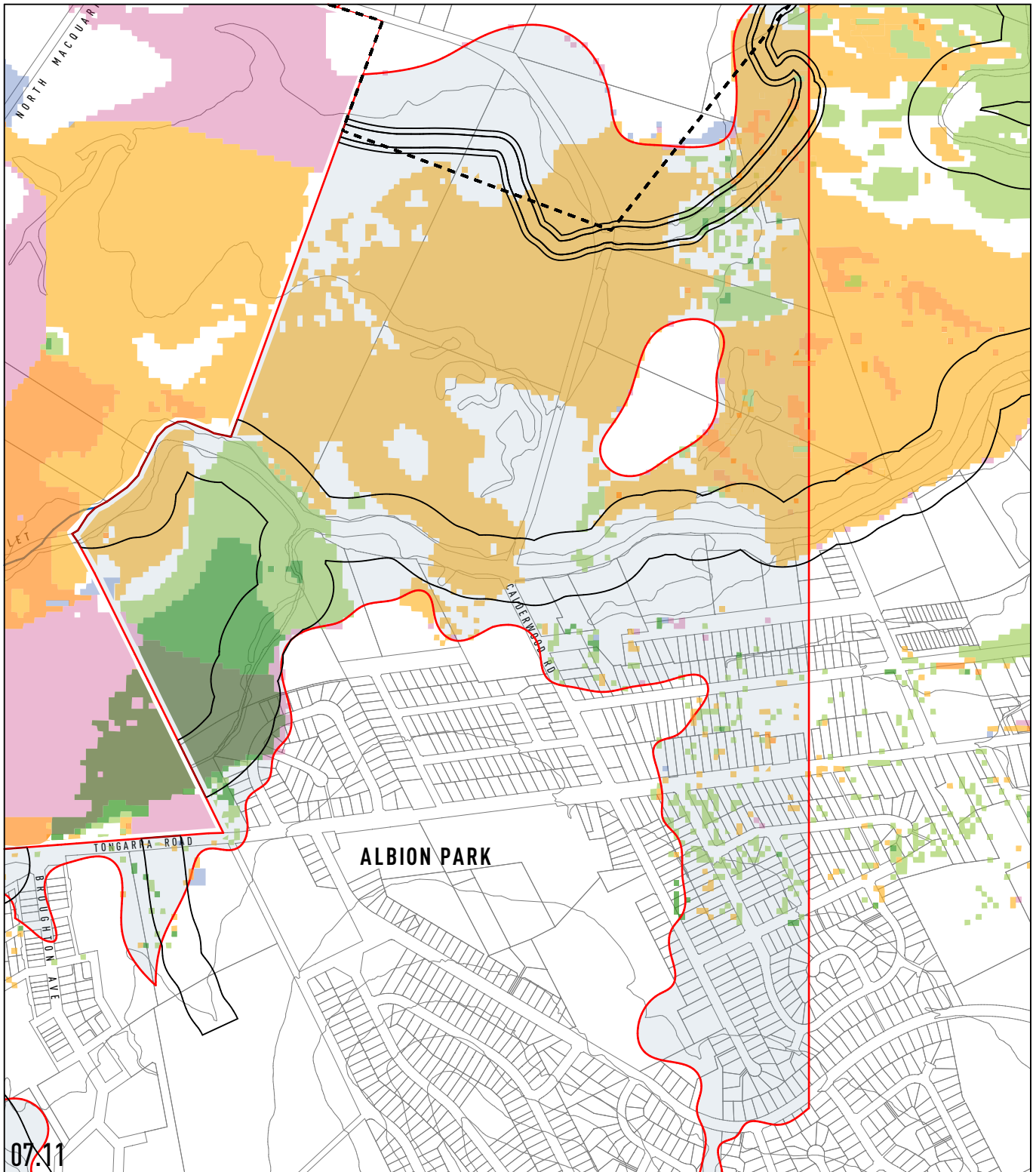


Other



MDP Boundary

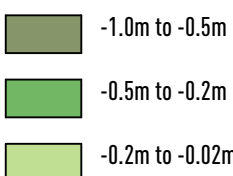




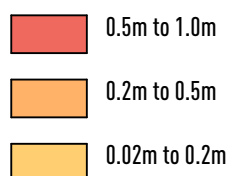
Flood Impact Rural East (1% 9hr Event)

Part 3A | Calderwood Urban Development Project

Reduction in Flood Level



Increase in Flood Level



Other

