

Figure D.1

Model sensitivity
Tailwater
1% AEP event

Legend

Study area

Tailwater scenario flood extent

- 50% AEP = 6.7 m AHD
- 20% AEP = 12.3 m AHD
- 10% AEP = 14.5 m AHD
- 5% AEP = 15.6 m AHD

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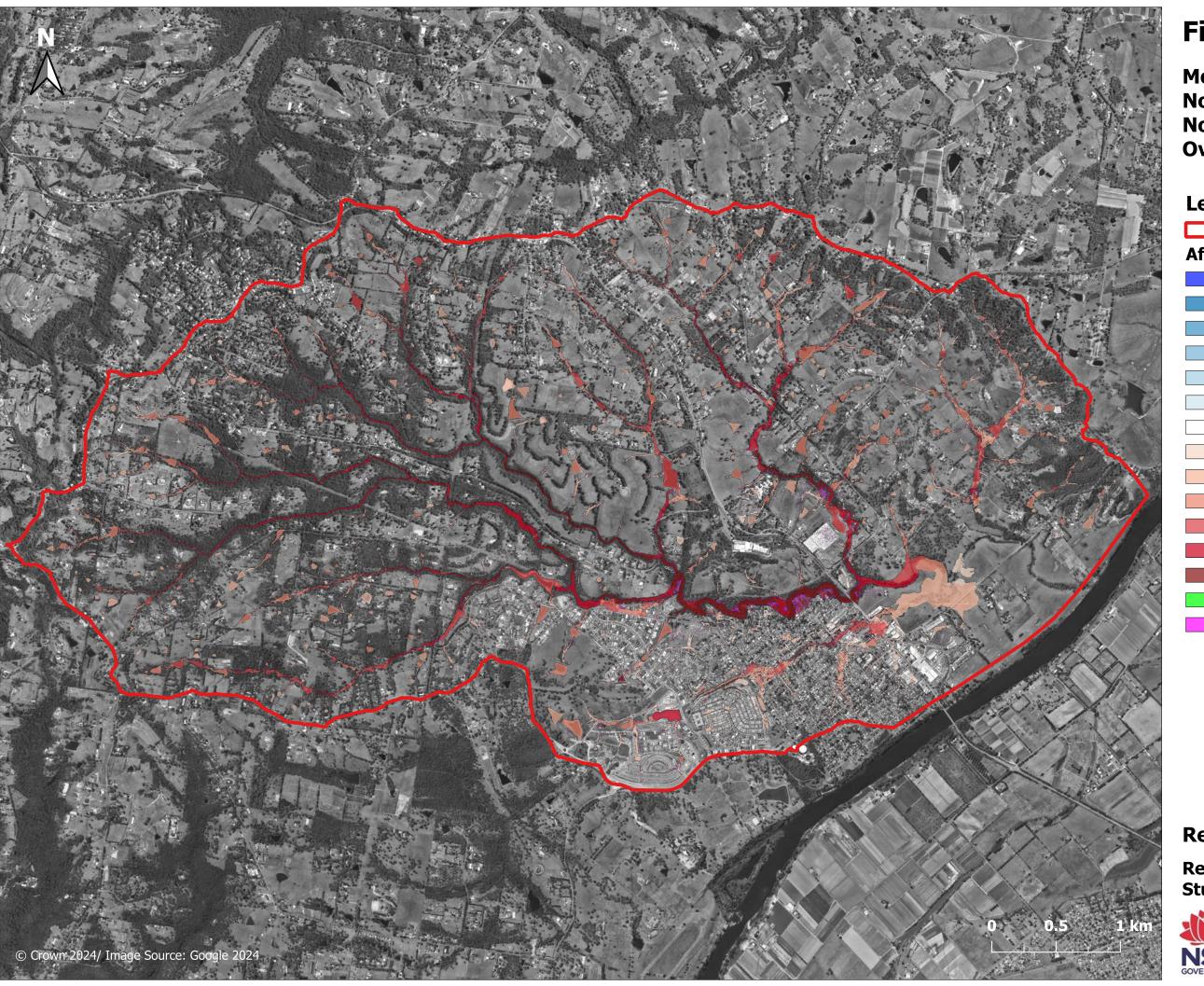


Figure D.2.1

Model sensitivity No loss North Richmond Overview

Legend

Study area

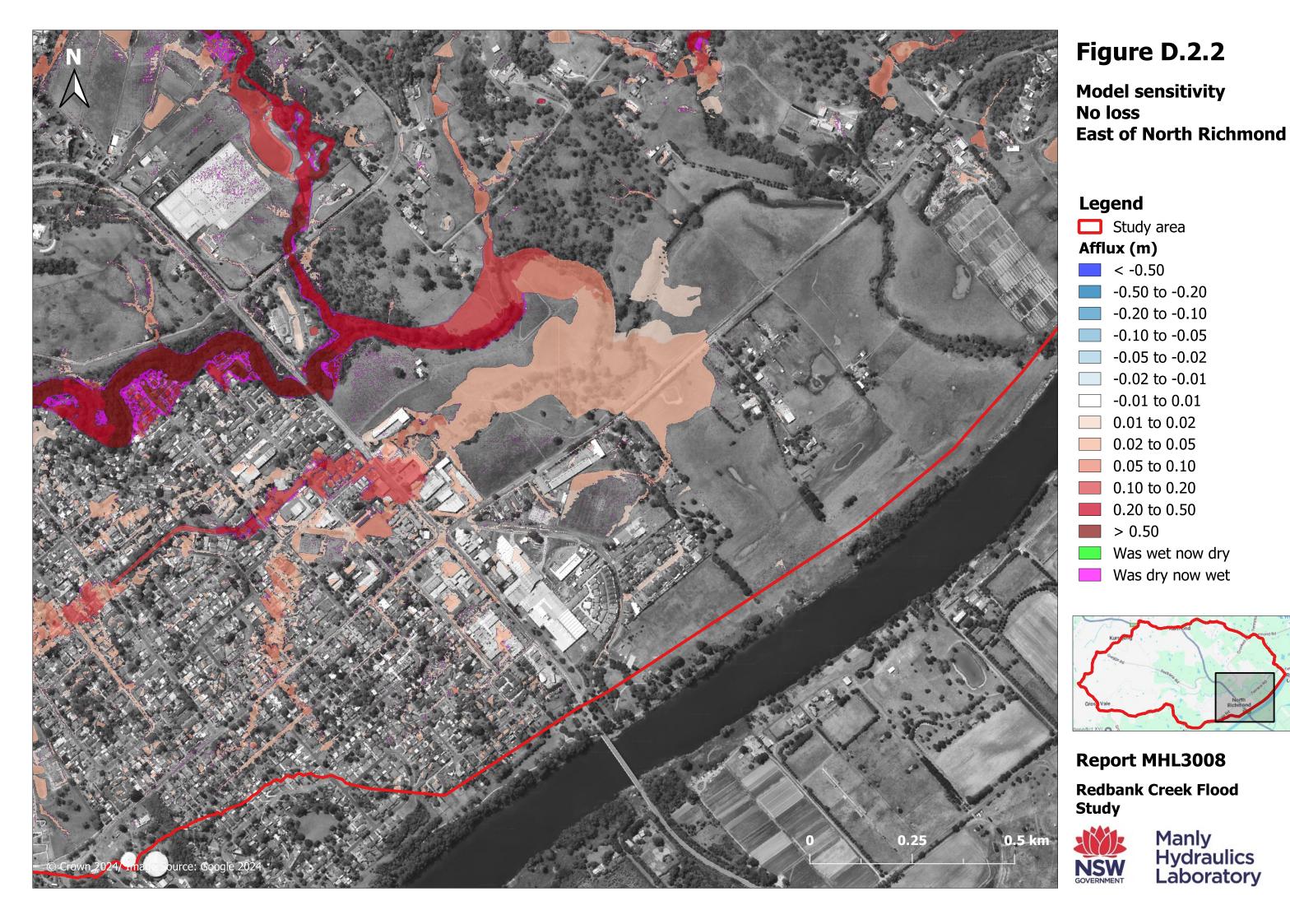
Afflux (m)

- < -0.50
- -0.50 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.02
- -0.02 to -0.01
- __ -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.50
- > 0.50
- Was wet now dry
- Was dry now wet

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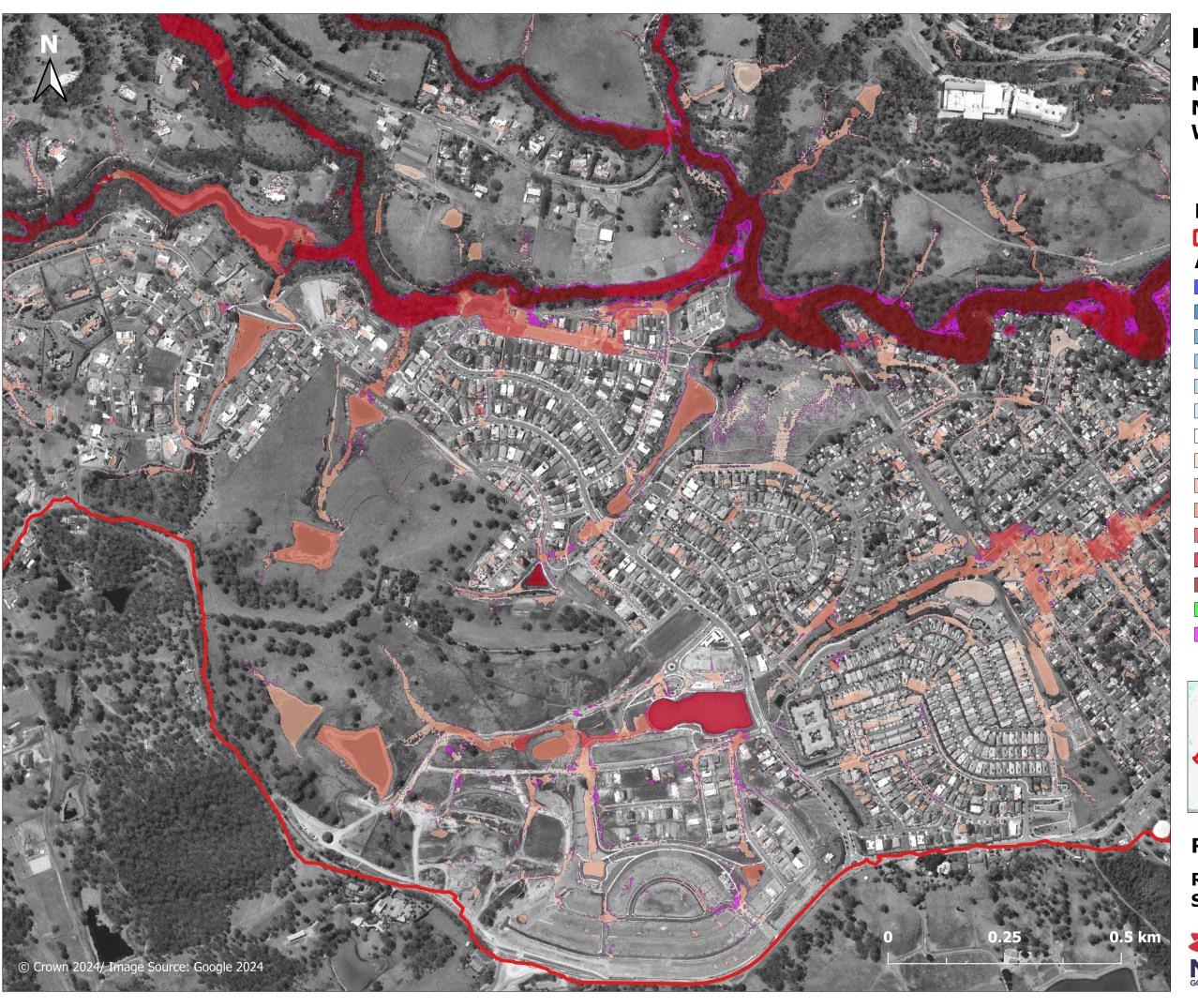


Figure D.2.3

Model sensitivity
No loss
West of North Richmond

Legend

Study area

Afflux (m)

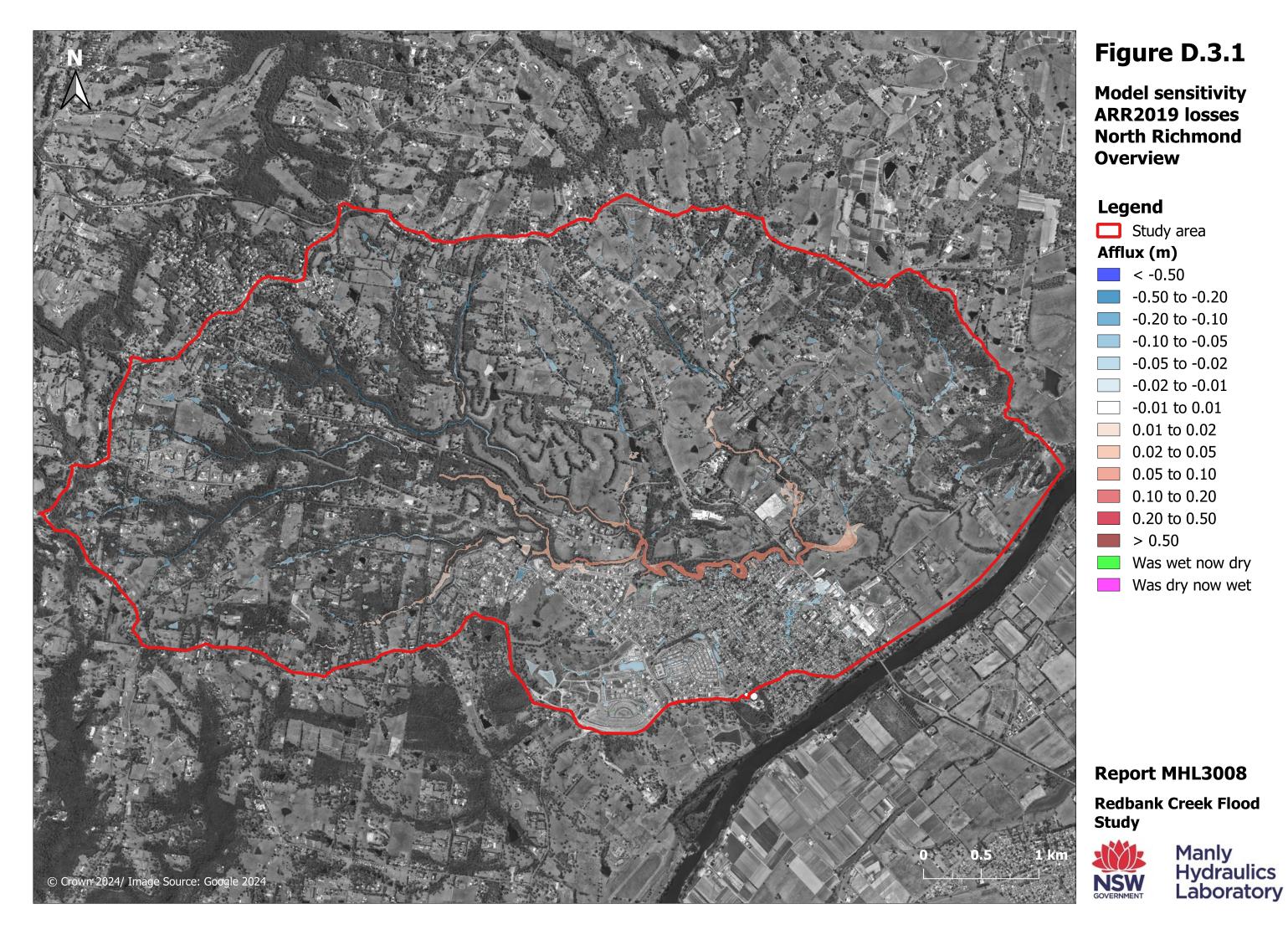
- < -0.50
- -0.50 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.02
- -0.02 to -0.01
- __ -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.50
- > 0.50
- Was wet now dry
- Was dry now wet

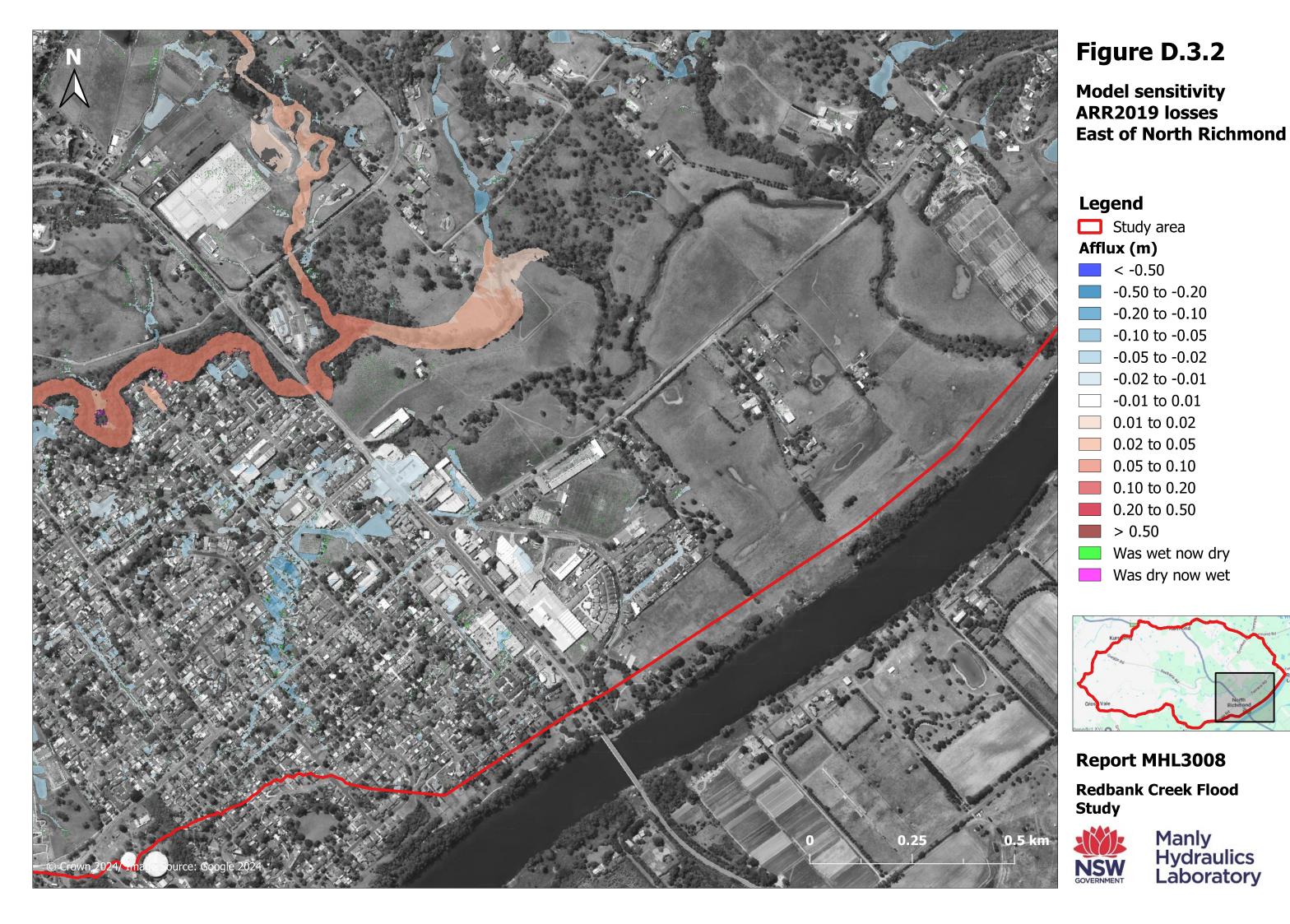


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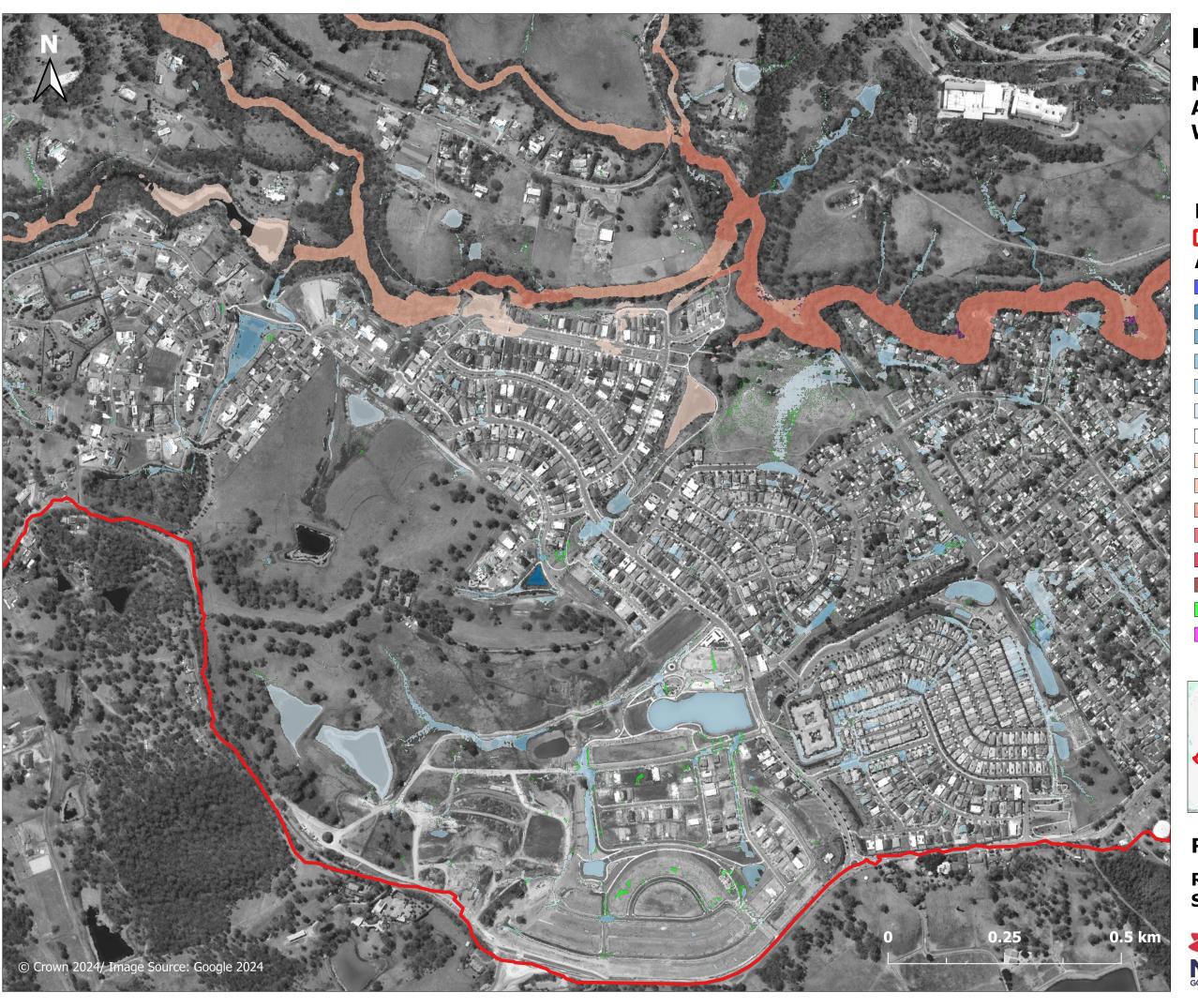


Figure D.3.3

Model sensitivity
ARR2019 losses
West of North Richmond

Legend

Study area

Afflux (m)

- < -0.50
 - -0.50 to -0.20
 - -0.20 to -0.10
 - -0.10 to -0.05
 - -0.05 to -0.02
 - -0.02 to -0.01
- ___ -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.10 to 0.20
- 0.20 to 0.50
- > 0.50
- Was wet now dry
- Was dry now wet



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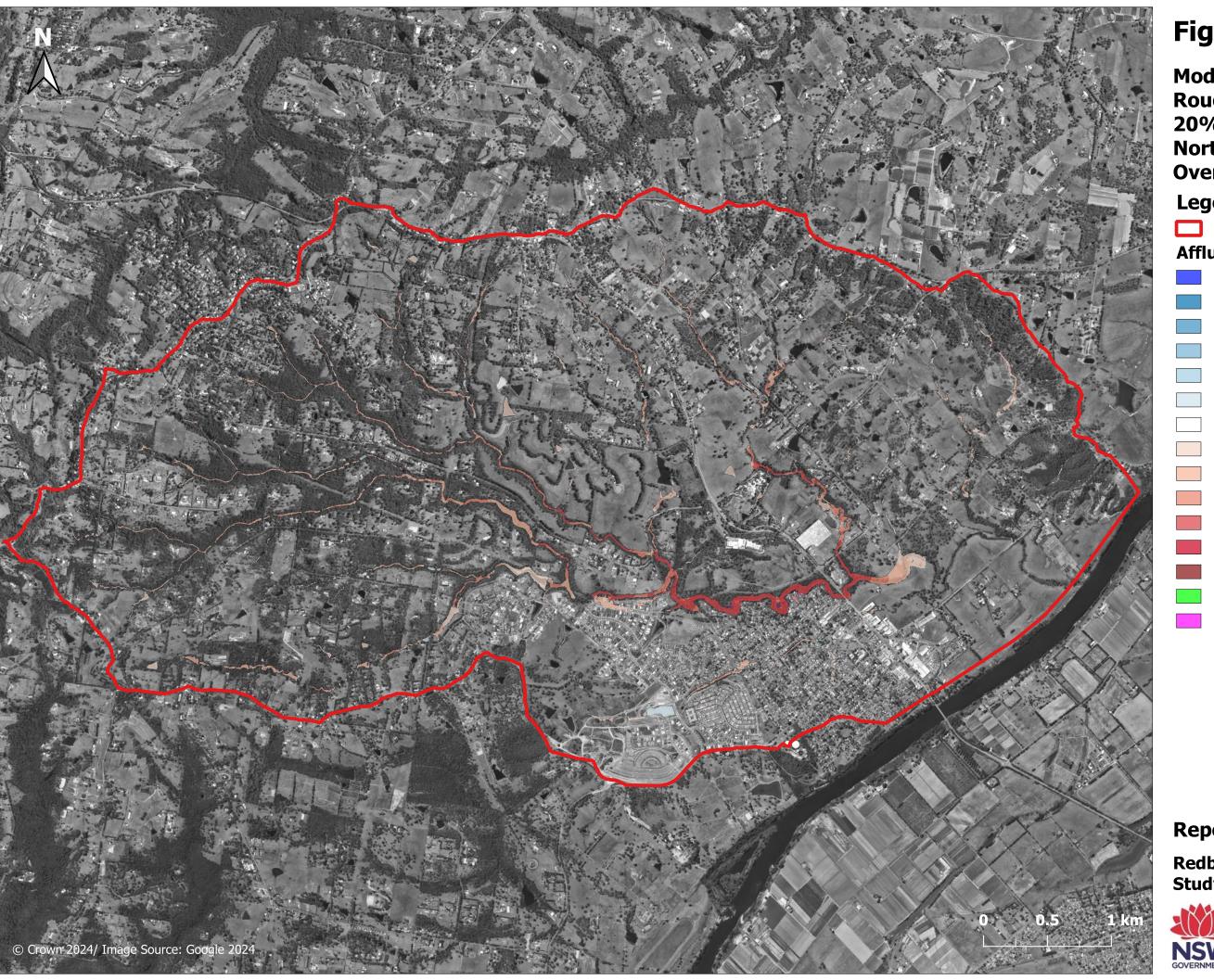


Figure D.4.1

Model sensitivity Roughness increased by 20%

North Richmond Overview

Legend

Study area

Afflux (m)

- < -0.50
- -0.50 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.02
- -0.02 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.50
- > 0.50
- Was wet now dry
- Was dry now wet

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Roughness increased by



Redbank Creek Flood

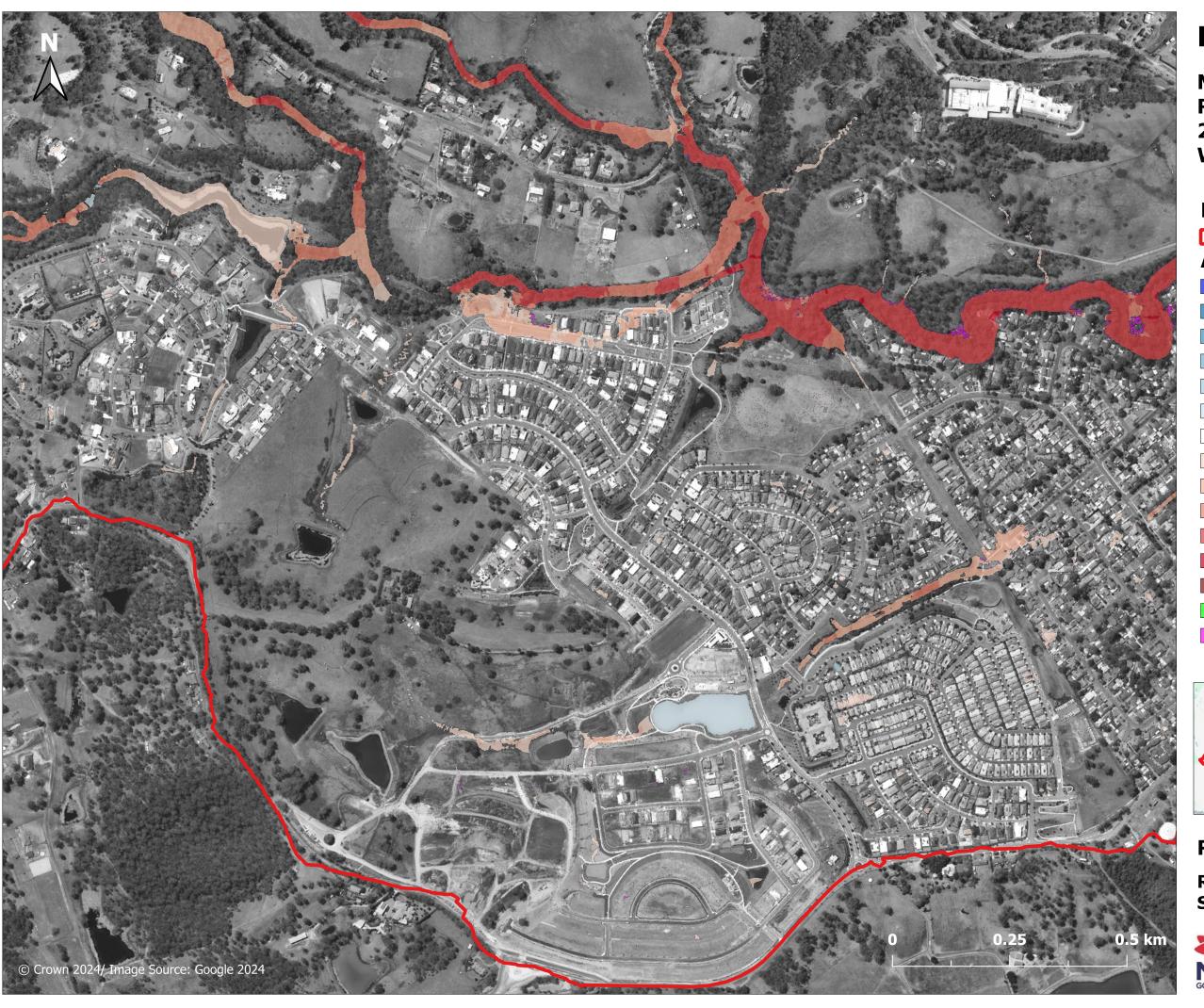


Figure D.4.3

Model sensitivity
Roughness increased by
20%
West of North Richmond

Legend

Study area

Afflux (m)

- < -0.50
 - -0.50 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.02
- -0.02 to -0.01
- ___ -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.50
- > 0.50
- Was wet now dry
- Was dry now wet



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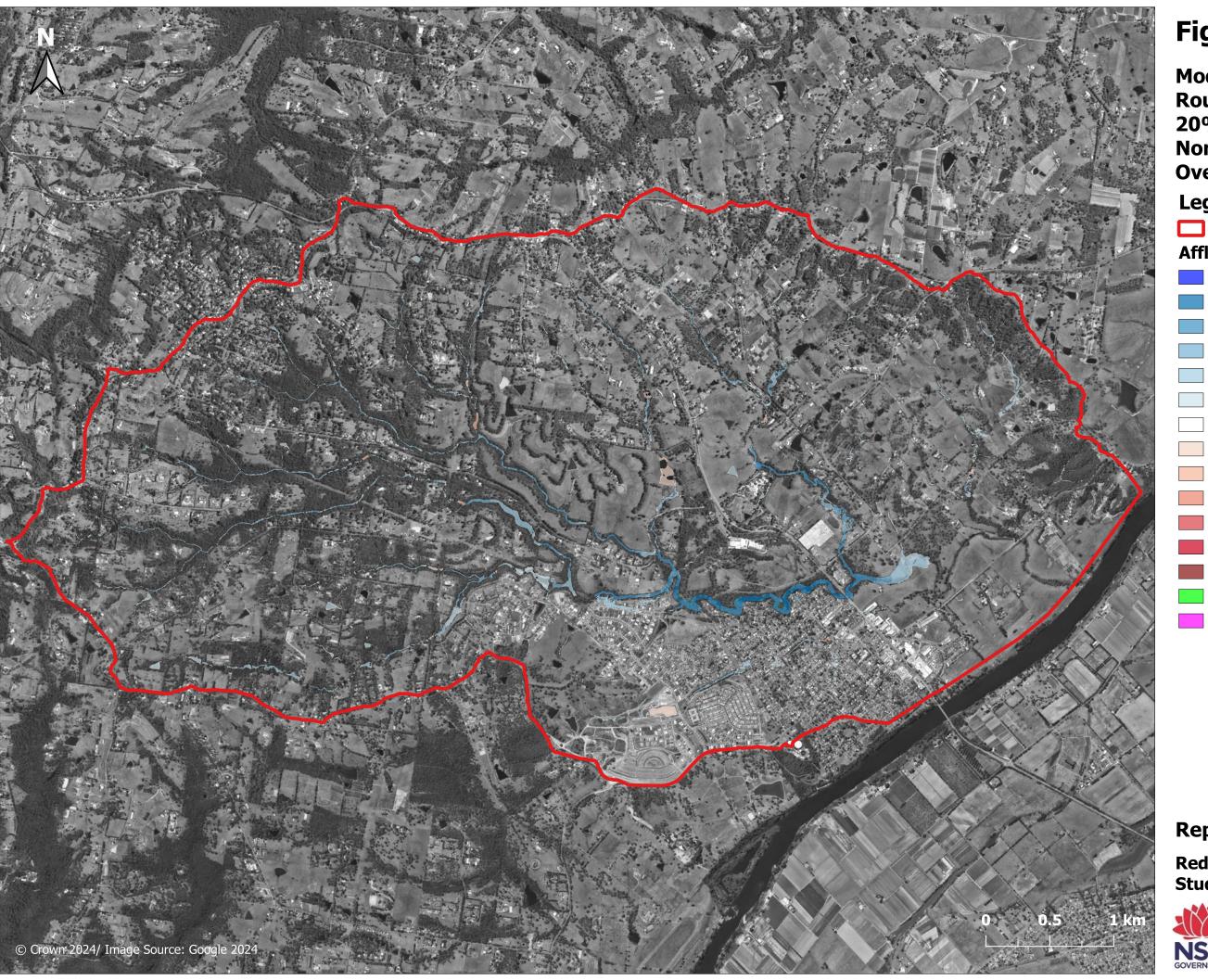


Figure D.5.1

Model sensitivity Roughness decreased by 20%

North Richmond Overview

Legend

Study area

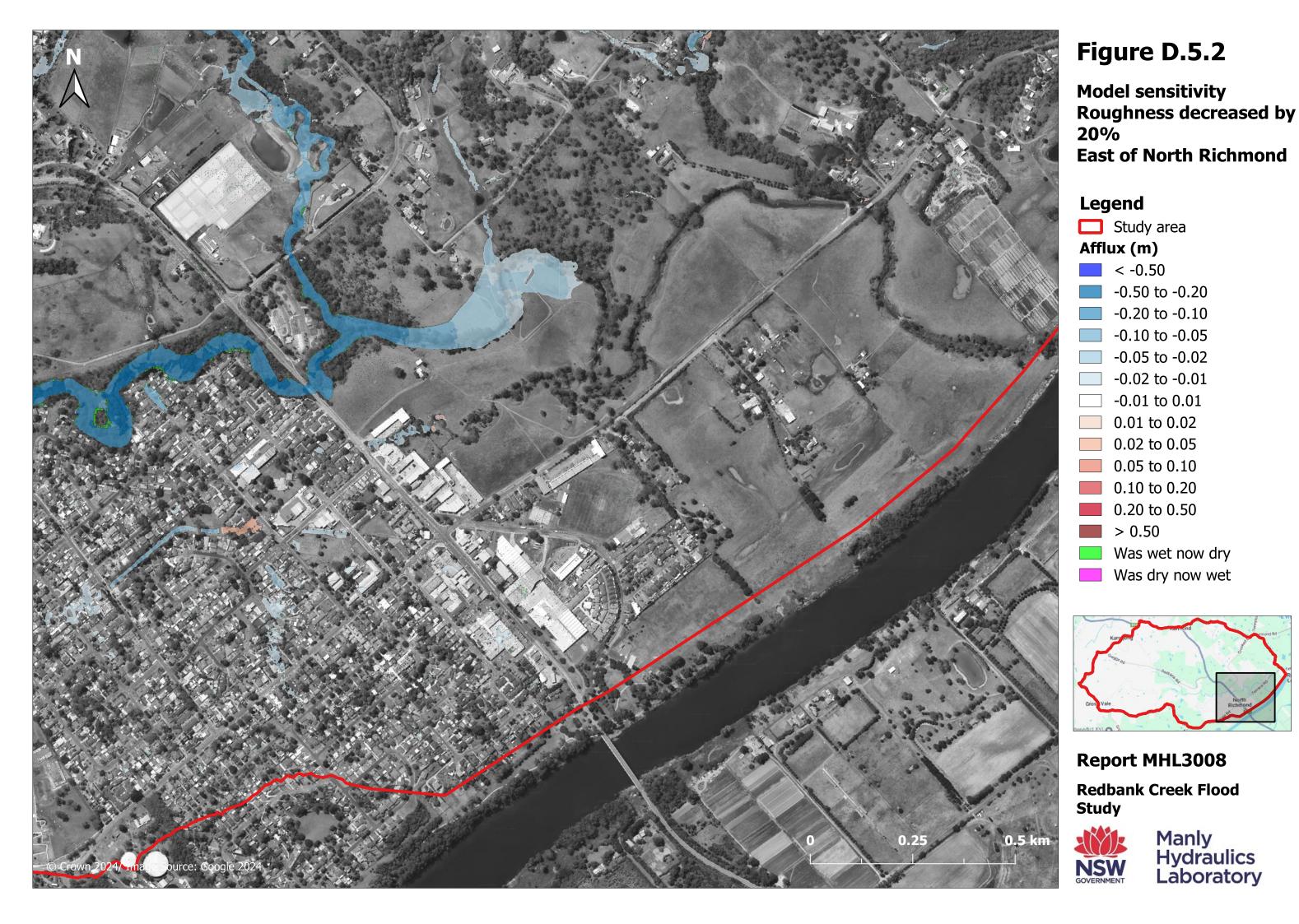
Afflux (m)

- < -0.50
- -0.50 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.02
- -0.02 to -0.01
- -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.50
- > 0.50
- Was wet now dry
- Was dry now wet

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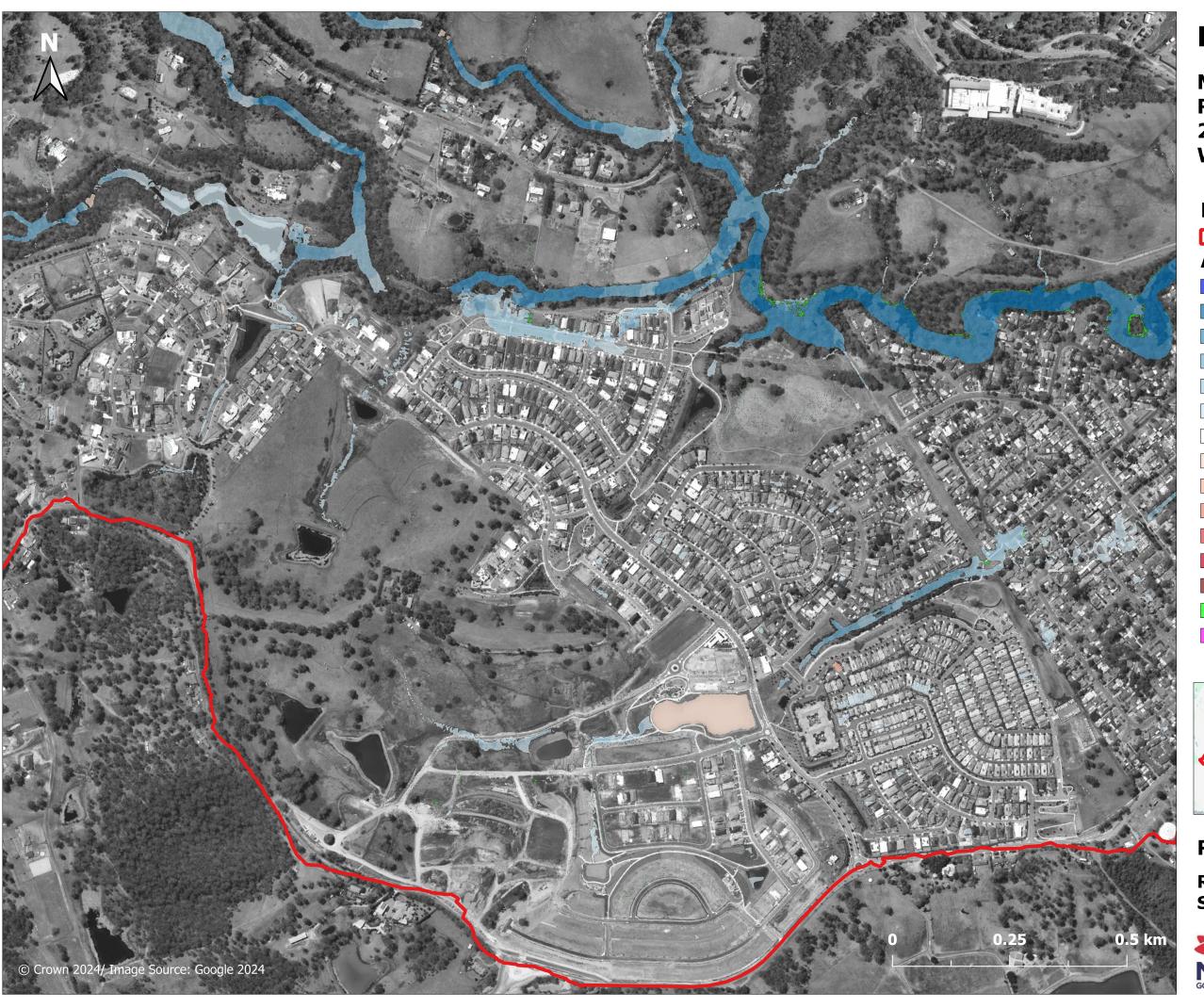


Figure D.5.3

Model sensitivity
Roughness decreased by
20%
West of North Richmond

Legend

Study area

Afflux (m)

- < -0.50
- -0.50 to -0.20
- -0.20 to -0.10
- -0.10 to -0.05
- -0.05 to -0.02
- -0.02 to -0.01
- __ -0.01 to 0.01
- 0.01 to 0.02
- 0.02 to 0.05
- 0.05 to 0.10
- 0.10 to 0.20
- 0.20 to 0.50
- 0.20 to 0.
- > 0.50
- Was wet now dry
- Was dry now wet



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