

Appendix B

Design Conditions Flood Maps

B01 – Flood Level Change (Afflux) 18% AEP

B02 – Flood Level Change (Afflux) 5% AEP

B03 – Flood Level Change (Afflux) 2% AEP

B04 – Flood Level Change (Afflux) 0.05% AEP

B05 – Flood Velocity Change 18% AEP

B06 – Flood Velocity Change 5% AEP

B07 – Flood Velocity Change 2% AEP

B08 – Flood Velocity Change 0.05% AEP

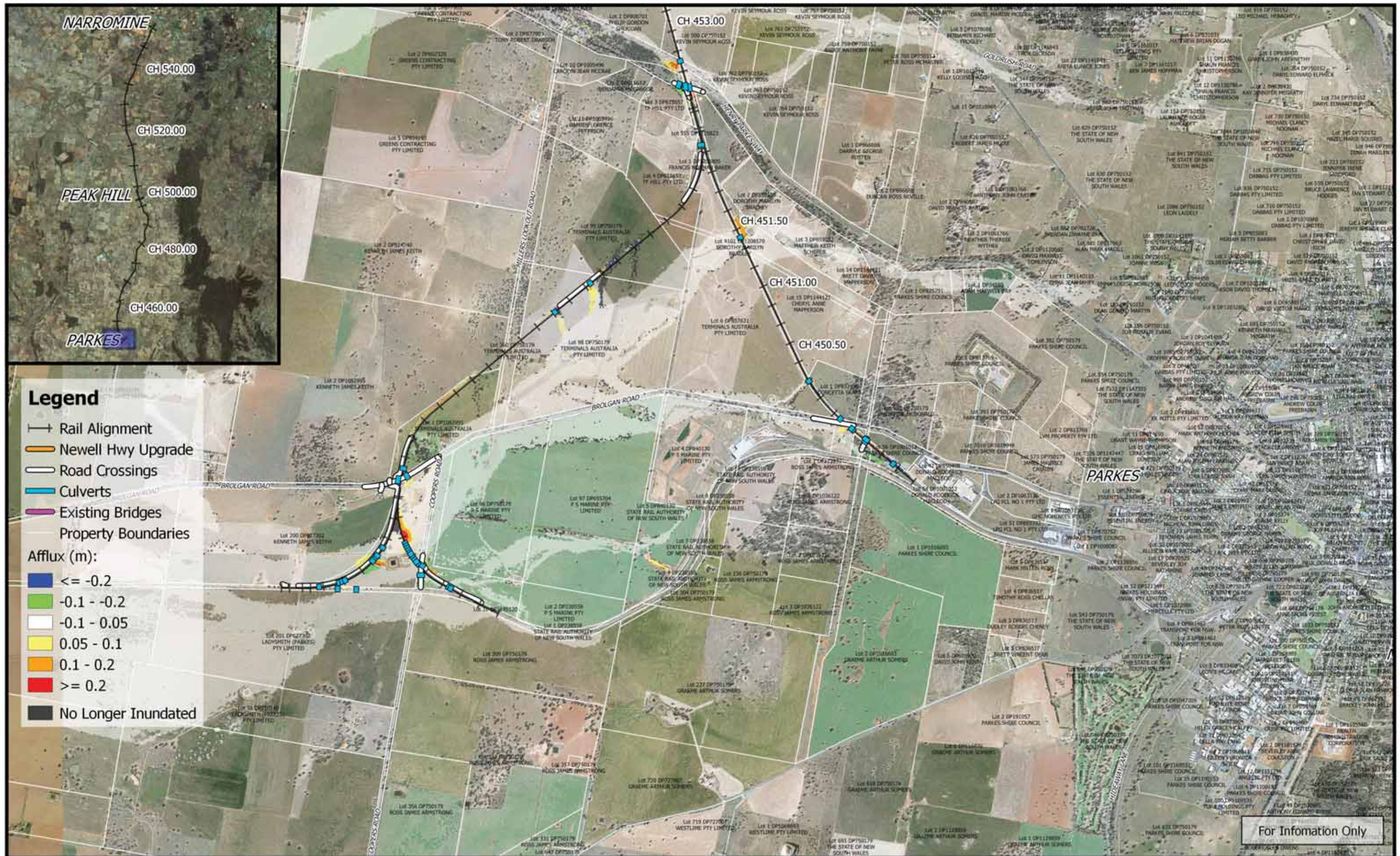
B09 – Flood Duration Change 18% AEP

B10 – Flood Duration Change 5% AEP

B11 – Flood Duration Change 2% AEP

B12 – Flood Duration Change 0.05% AEP





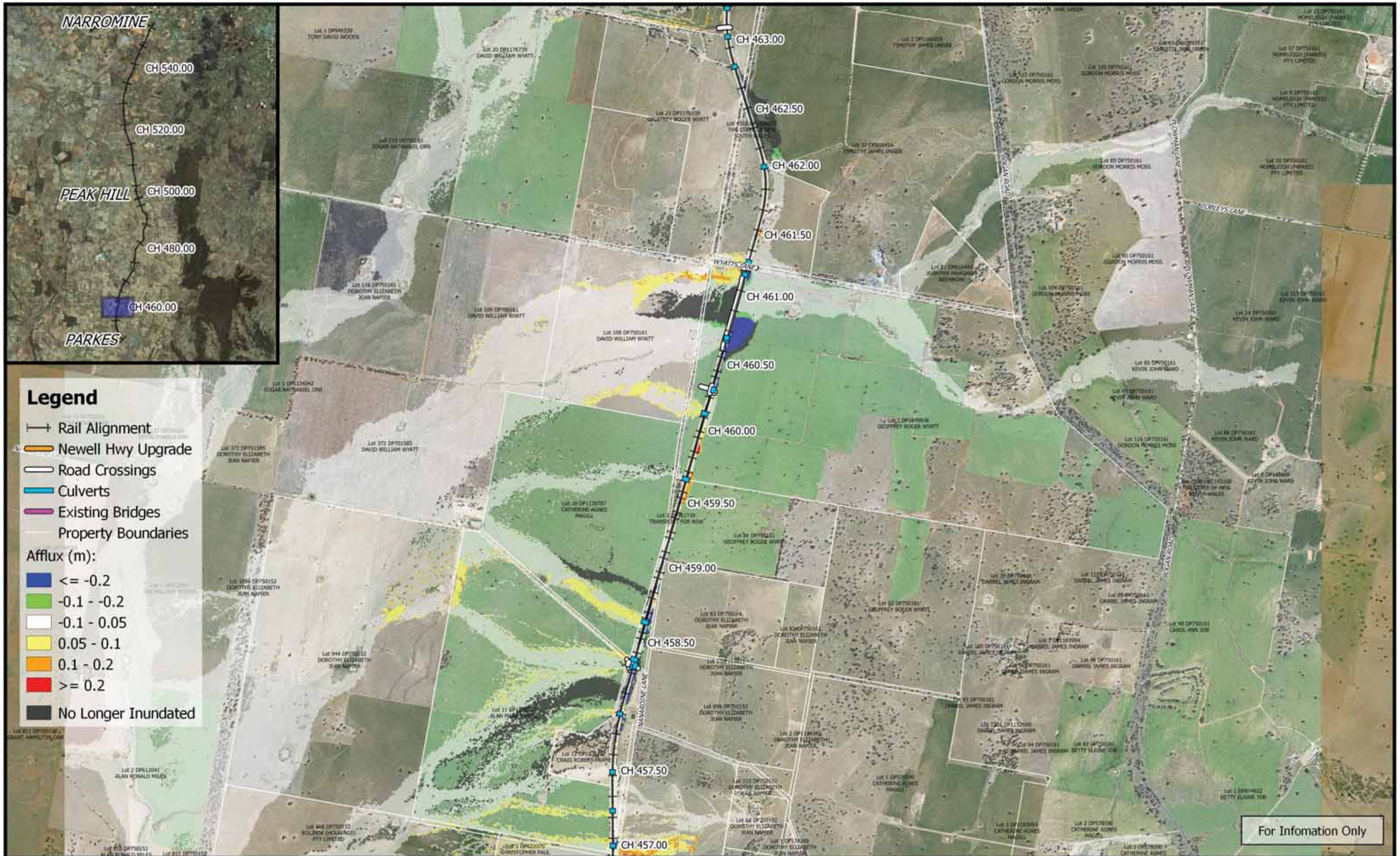
For Information Only

	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 22/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A1 5% AEP Flood Afflux - CH 450.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	



For Information Only

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 22/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A2 5% AEP Flood Afflux - CH 455.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	



Legend

- Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

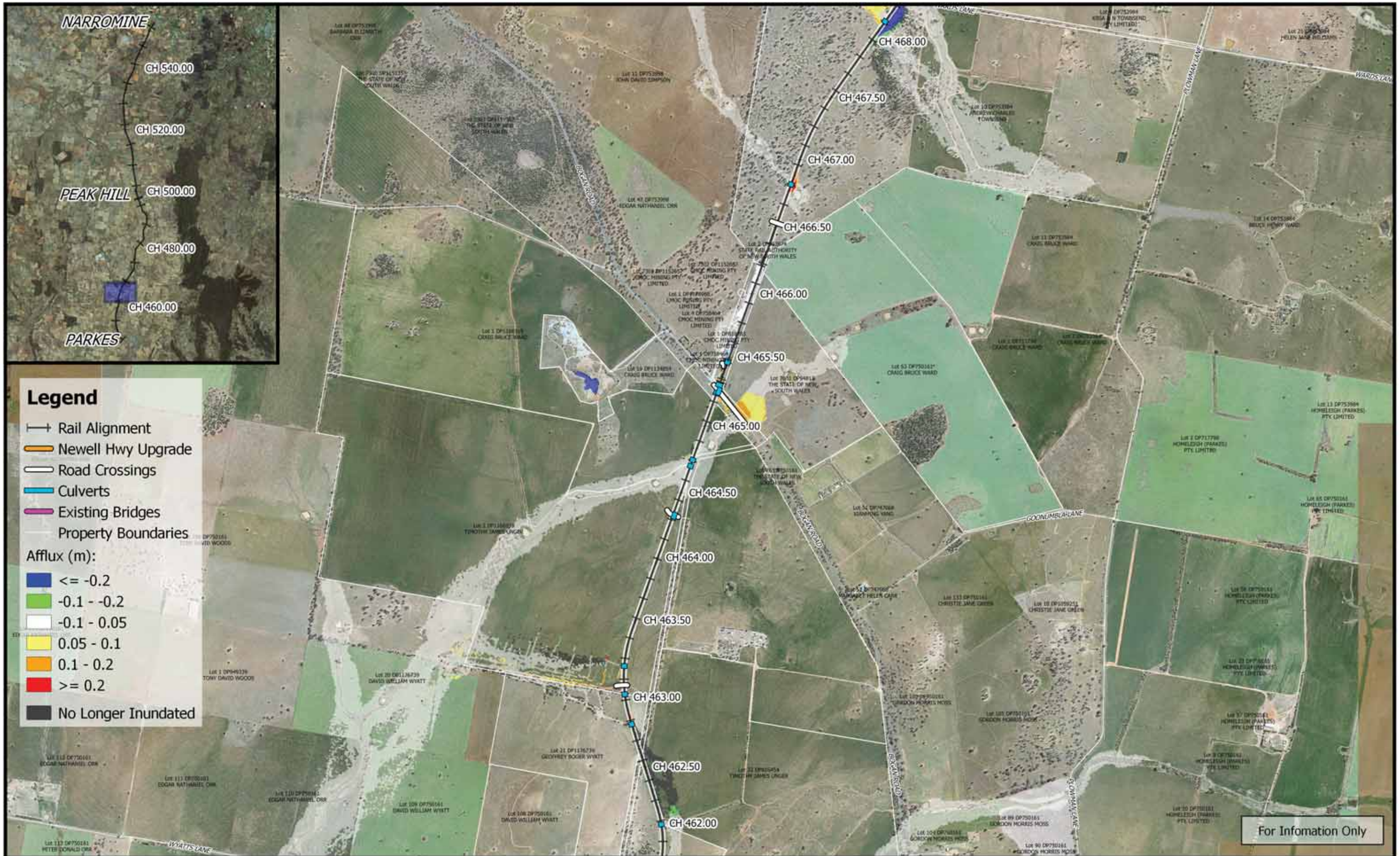
Afflux (m):

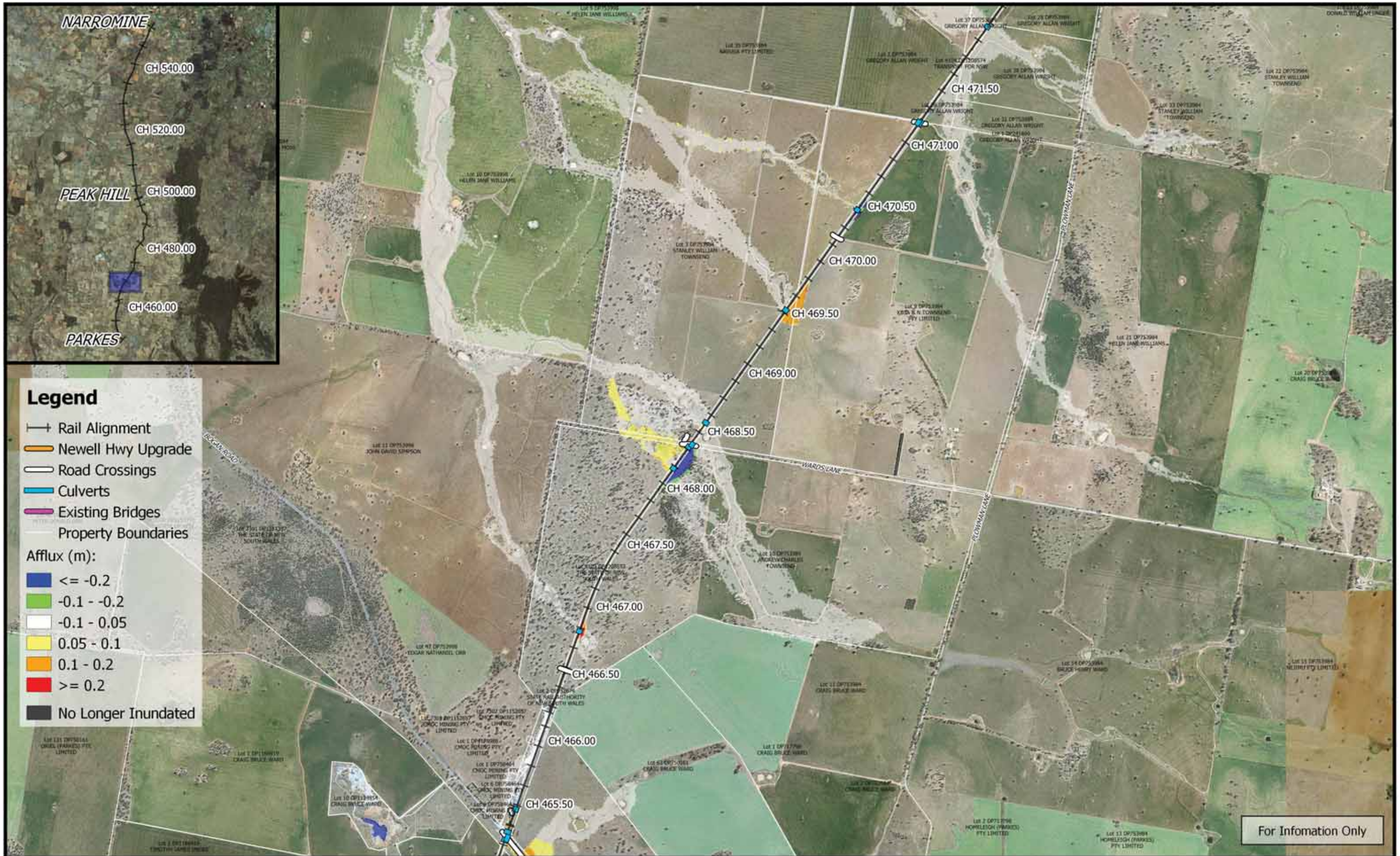
- ≤ -0.2
- $-0.1 - -0.2$
- $-0.1 - 0.05$
- $0.05 - 0.1$
- $0.1 - 0.2$
- ≥ 0.2
- No Longer Inundated

For Information Only


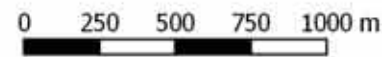

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 28/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A3 5% AEP Flood Afflux - CH 460.00</p>
	Rev: B - For Information Only		Prepared By: YeohM	

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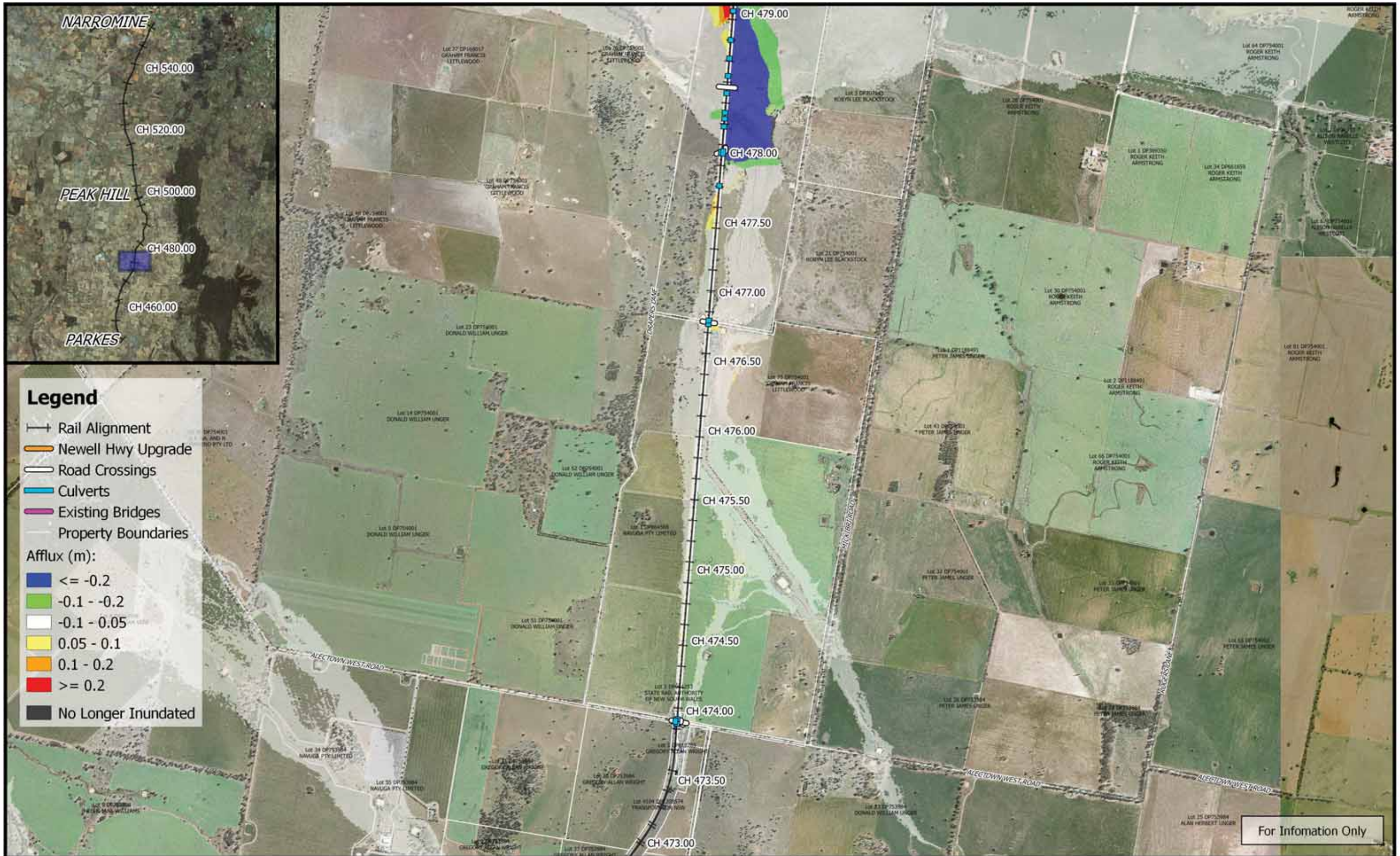
For Information Only

	 1:25,000		Date: 22/3/2019	Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results Figure D5A5 5% AEP Flood Afflux - CH 470.00	
	Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3		Rev: B - For Information Only		
			Prepared By: YeohM		



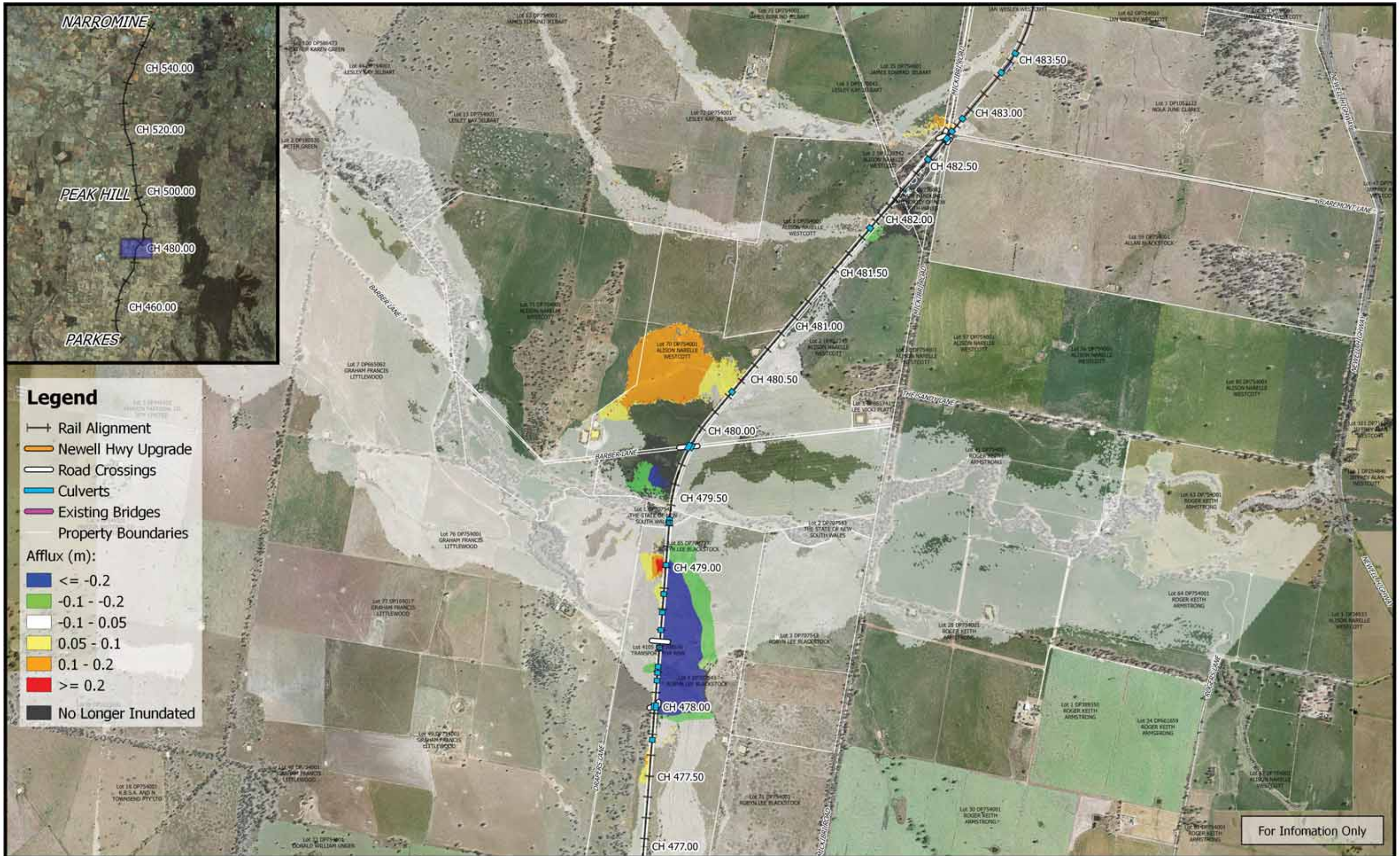
For Information Only

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 22/3/2019	<p align="center">Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p align="right">Figure D5A6 5% AEP Flood Afflux - CH 472.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	



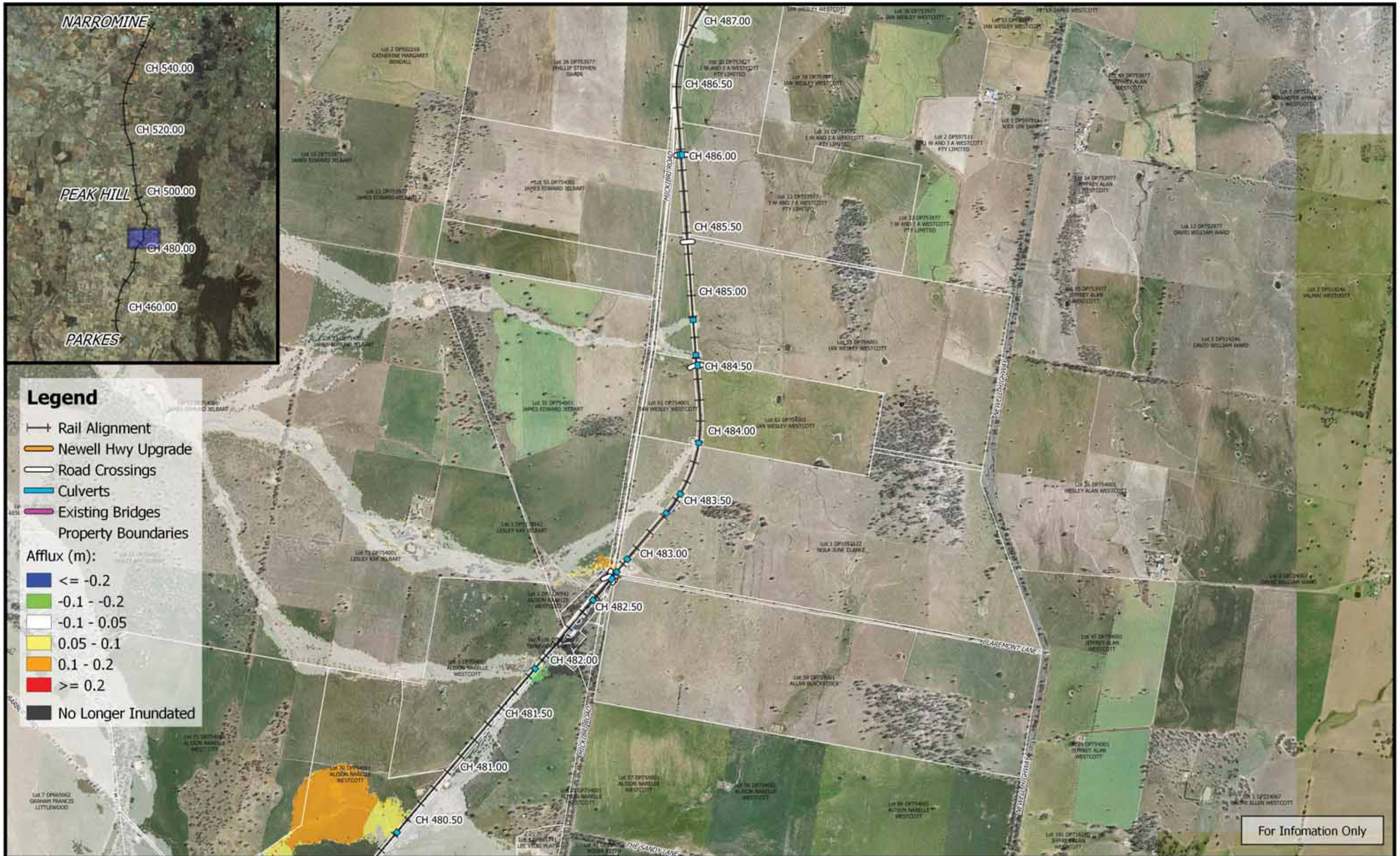
For Information Only

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	<p>Rev: B - For Information Only</p>			
	<p>Prepared By: YeohM</p>			





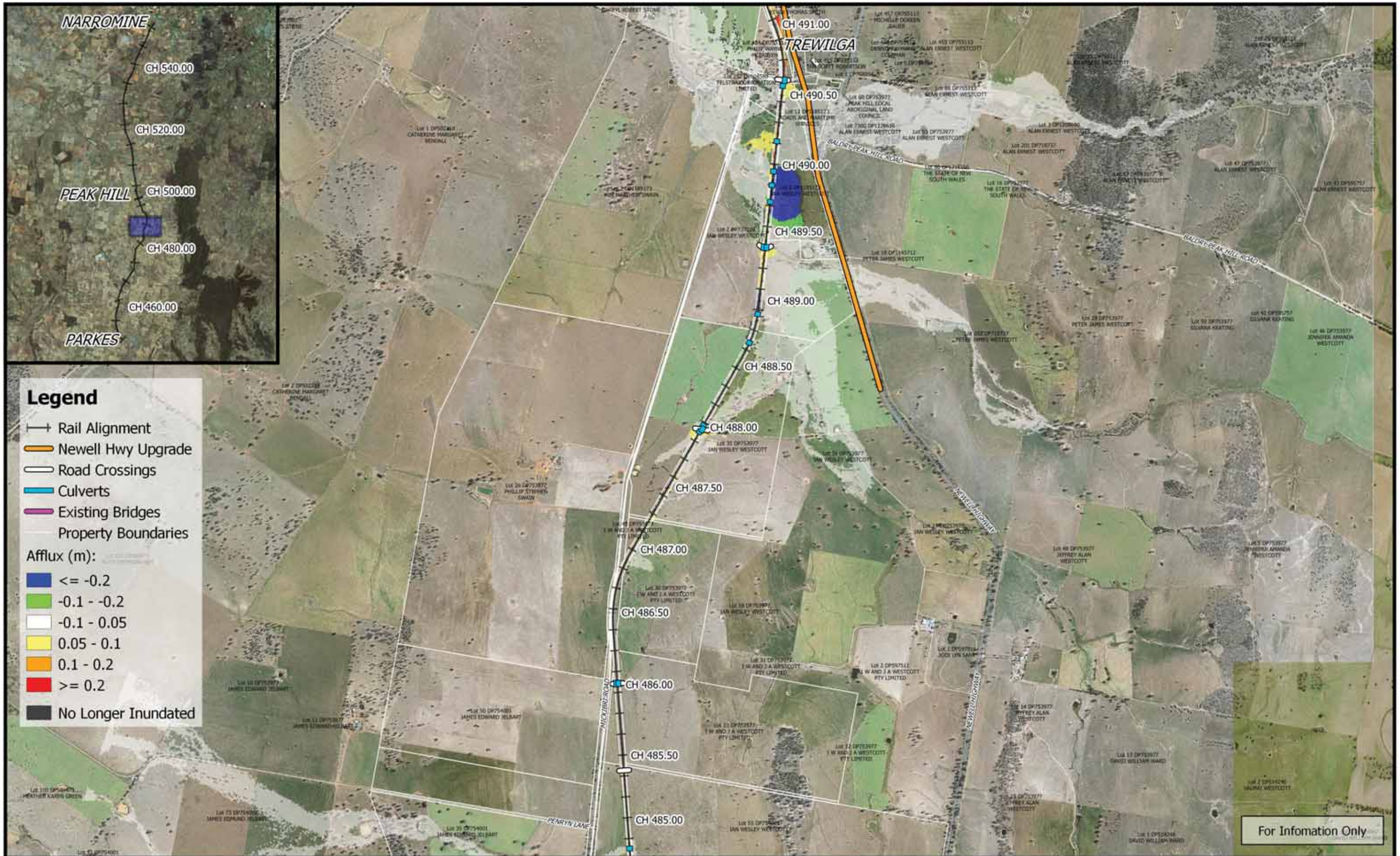
For Information Only

	<p>1:25,000</p>		Date: 22/3/2019	<p align="center">Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p align="right">Figure D5A8 5% AEP Flood Afflux - CH 480.00</p>
	<p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		<p>Rev: B - For Information Only</p>	
	<p>Prepared By: YeohM</p>			

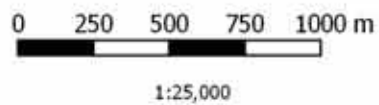


For Information Only

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			Prepared By: YeohM	



For Information Only



Coordinate system: GDA 1994 MGA Zone 55
Aerial Source: NSW Six Map
Scale ratio correct when printed at A3



Date: 28/3/2019

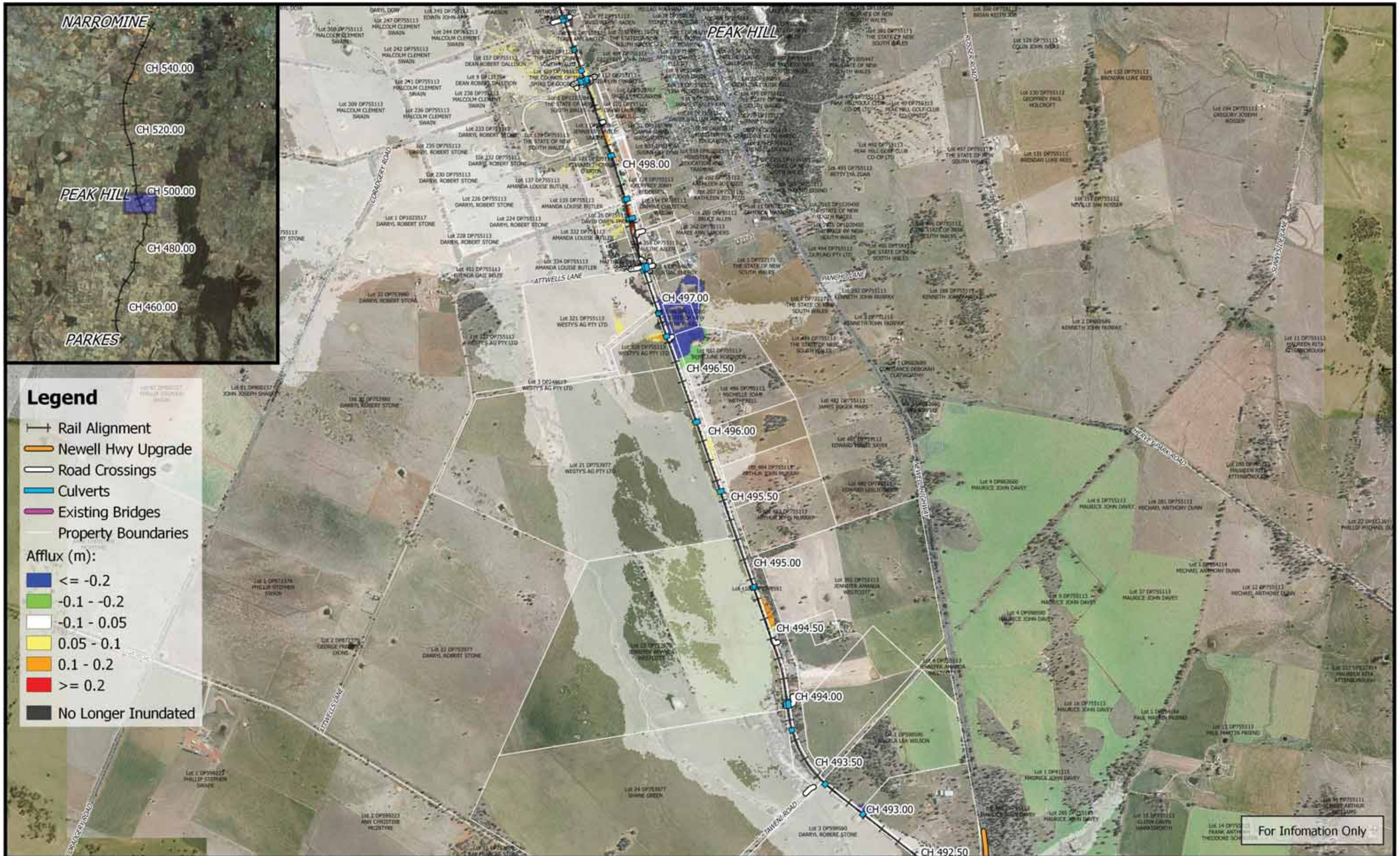
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Prepared By: YeohM

Inland Rail - Parkes to Narromine
IFC - Cross Drainage Flood Impact Assessment Results

Figure D5A10
5% AEP Flood Afflux - CH 490.00





Legend

- Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

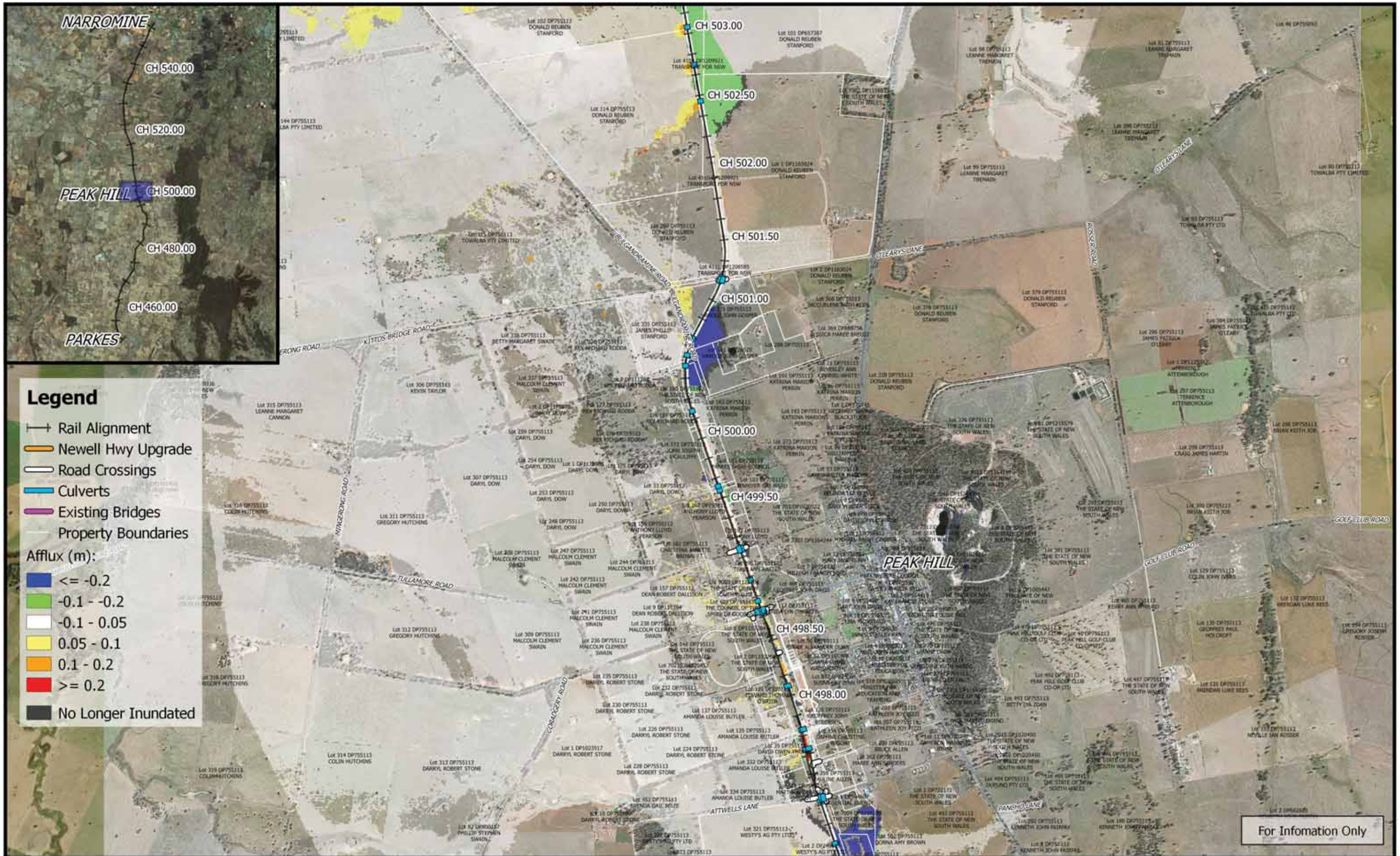
Afflux (m):

- ≤ -0.2
- $-0.1 - -0.2$
- $-0.1 - 0.05$
- $0.05 - 0.1$
- $0.1 - 0.2$
- ≥ 0.2
- No Longer Inundated

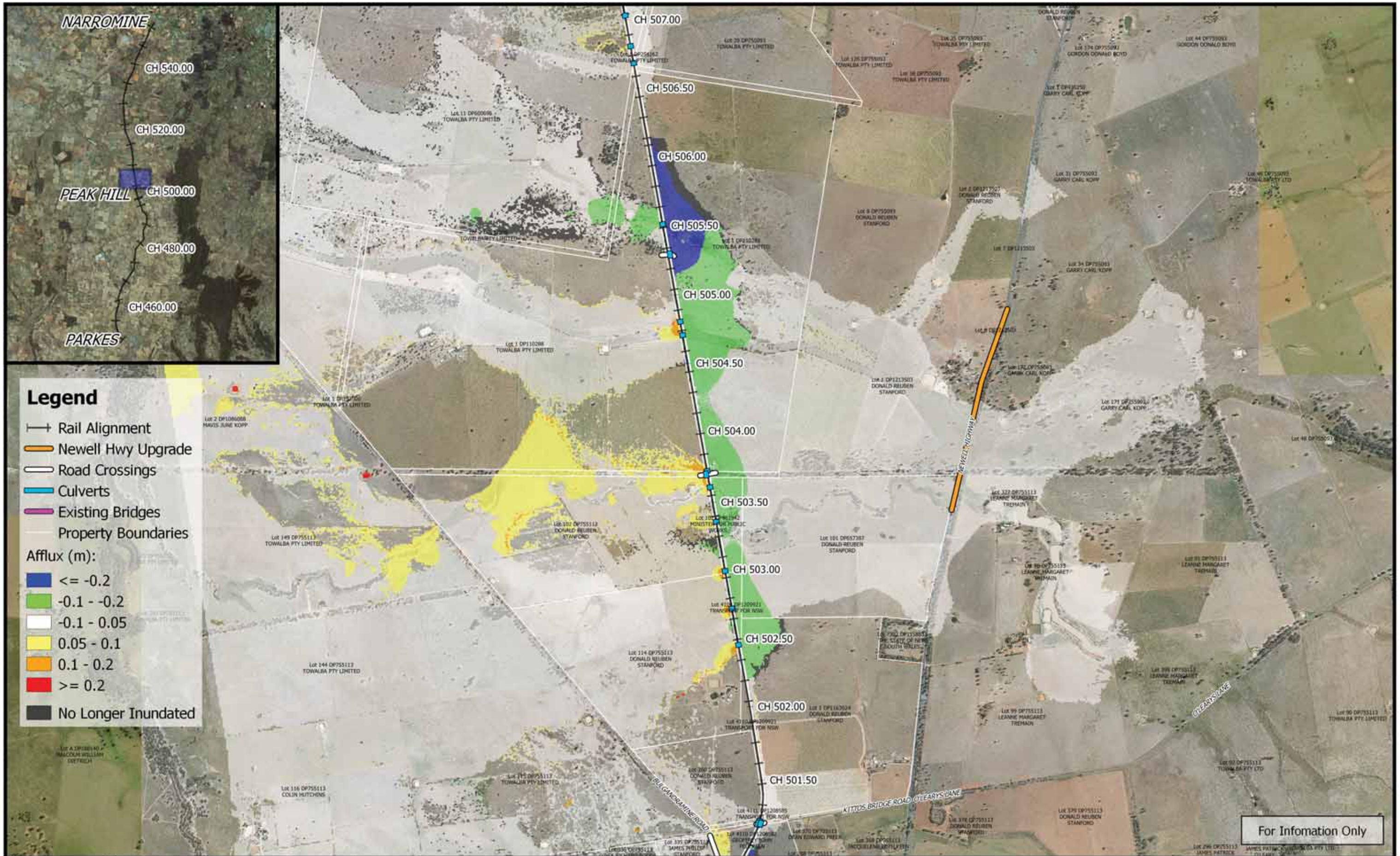
For Information Only

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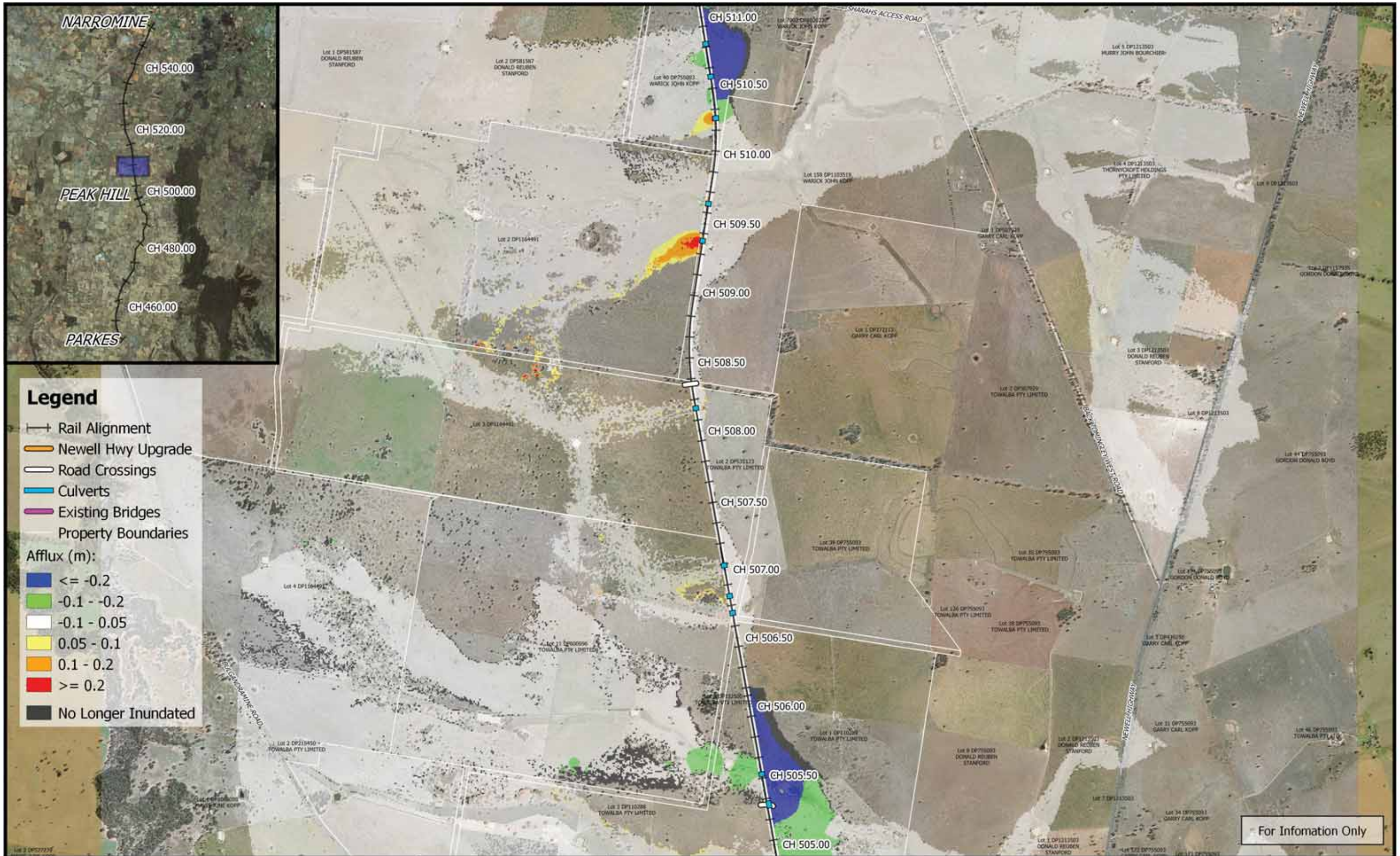


	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A13 5% AEP Flood Afflux - CH 500.00</p>
	Rev: B - For Information Only			
	Prepared By: YeohM			



For Information Only

	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		<p>Date: 22/3/2019</p> <p>Rev: B - For Information Only</p> <p>Prepared By: YeohM</p>	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A14 5% AEP Flood Afflux - CH 505.00</p>
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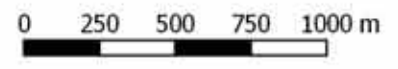


Legend

- Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

- Afflux (m):
- ≤ -0.2
 - $-0.1 - -0.2$
 - $-0.1 - 0.05$
 - $0.05 - 0.1$
 - $0.1 - 0.2$
 - ≥ 0.2
 - No Longer Inundated

For Information Only



1:25,000

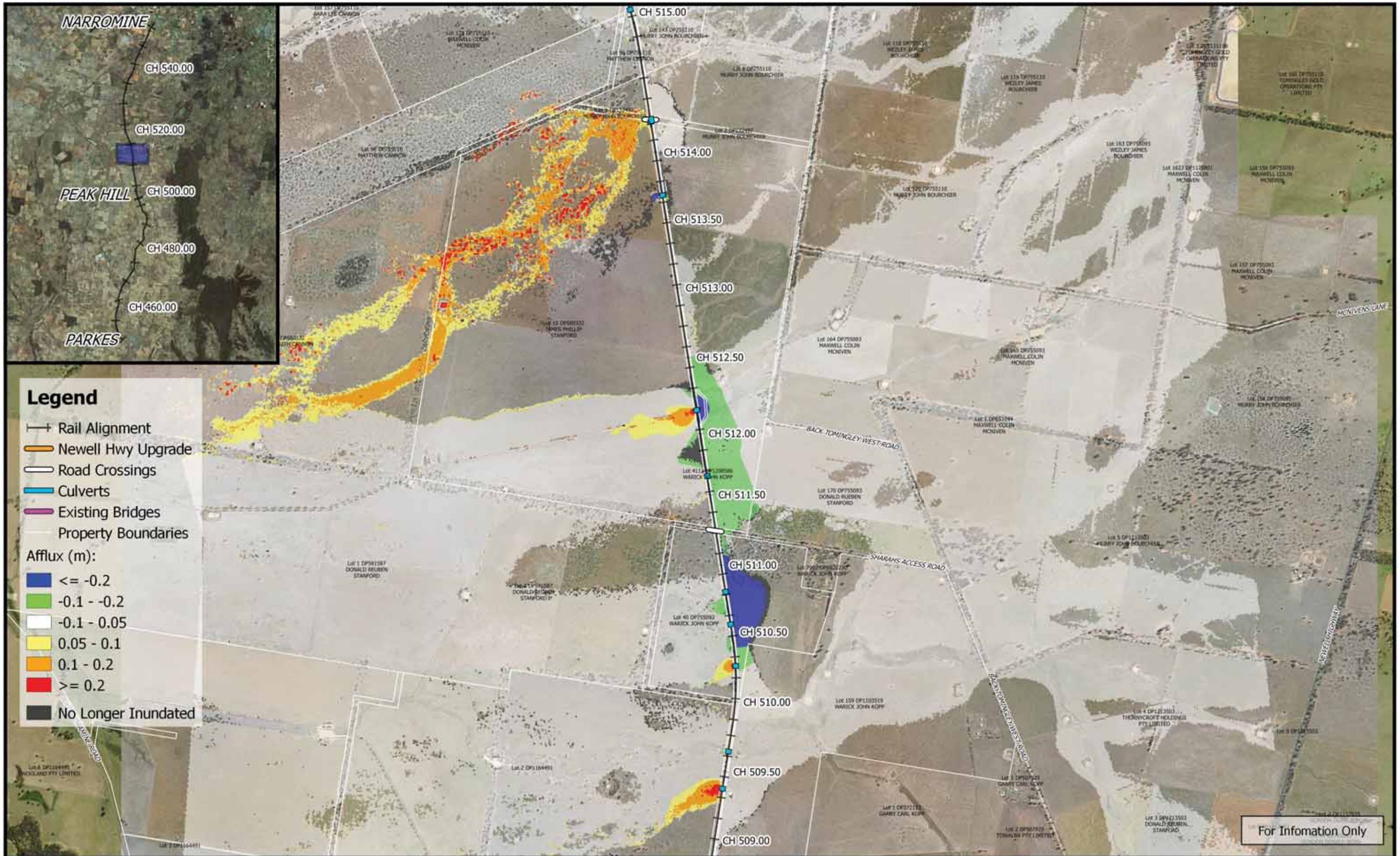
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 Aerial Source: NSW Six Map
 Scale ratio correct when printed at A3



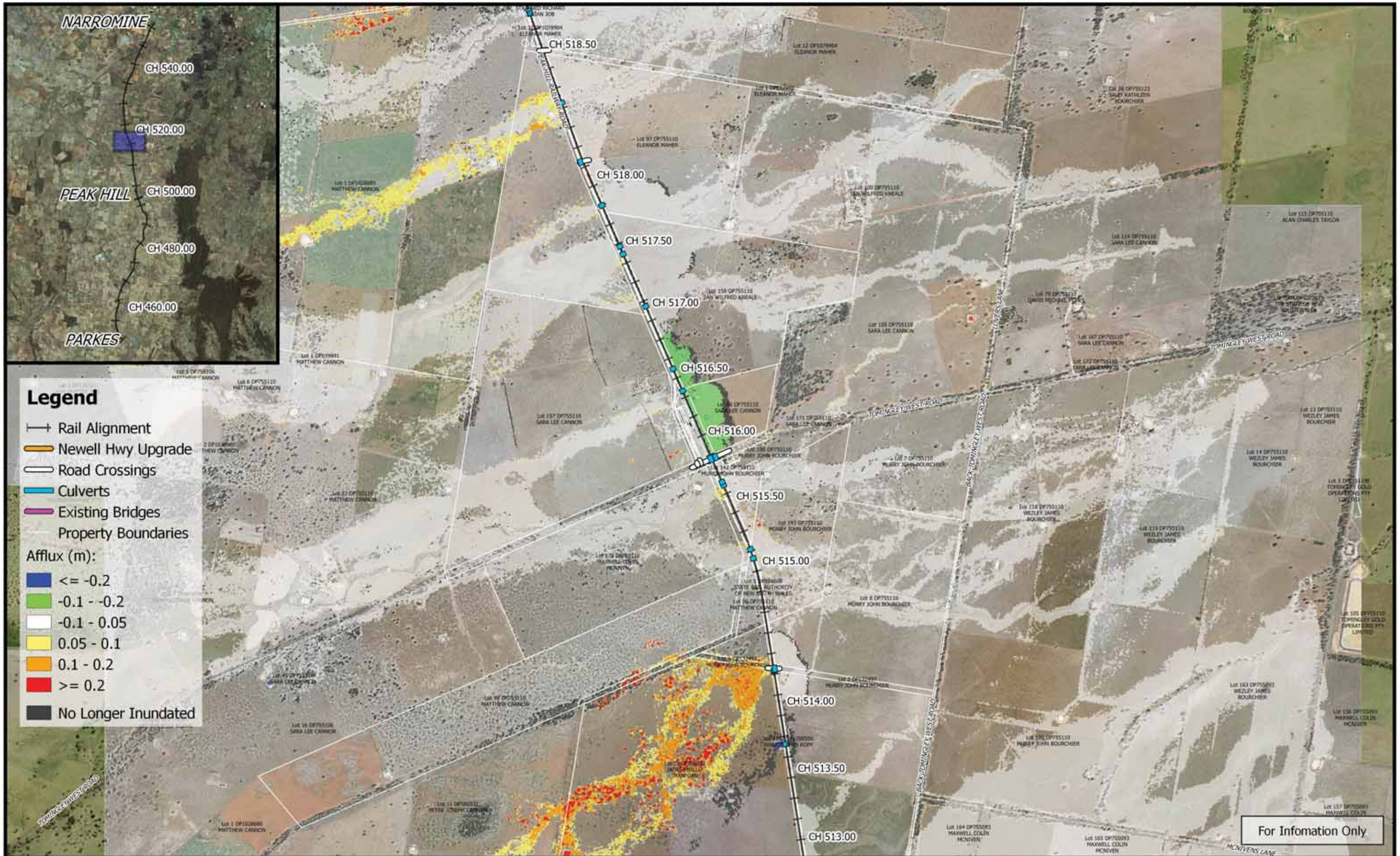
Date: 25/3/2019
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 Prepared By: YeohM

Inland Rail - Parkes to Narromine
 IFC - Cross Drainage Flood Impact Assessment Results

Figure D5A15
 5% AEP Flood Afflux - CH 510.00



	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 25/3/2019	<p align="center">Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p align="right">Figure D5A16 5% AEP Flood Afflux - CH 512.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	



Legend

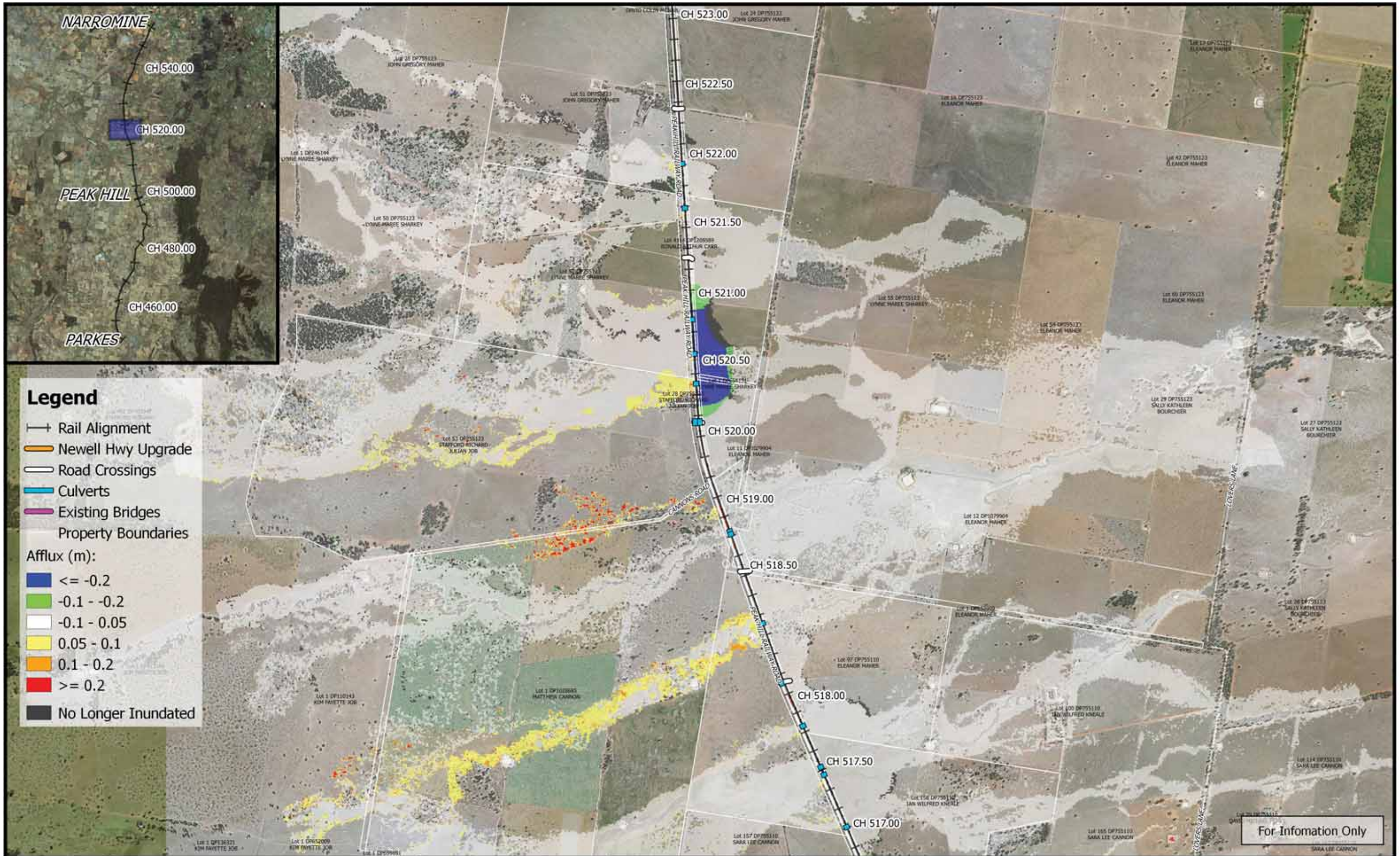
- Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

Afflux (m):

- ≤ -0.2
- $-0.1 - -0.2$
- $-0.1 - 0.05$
- $0.05 - 0.1$
- $0.1 - 0.2$
- ≥ 0.2
- No Longer Inundated

For Information Only

	<p>1:25,000</p>		Date: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A17 5% AEP Flood Afflux - CH 515.00</p>
	<p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Rev: B - For Information Only	
	<p>Prepared By: YeohM</p>			



Legend

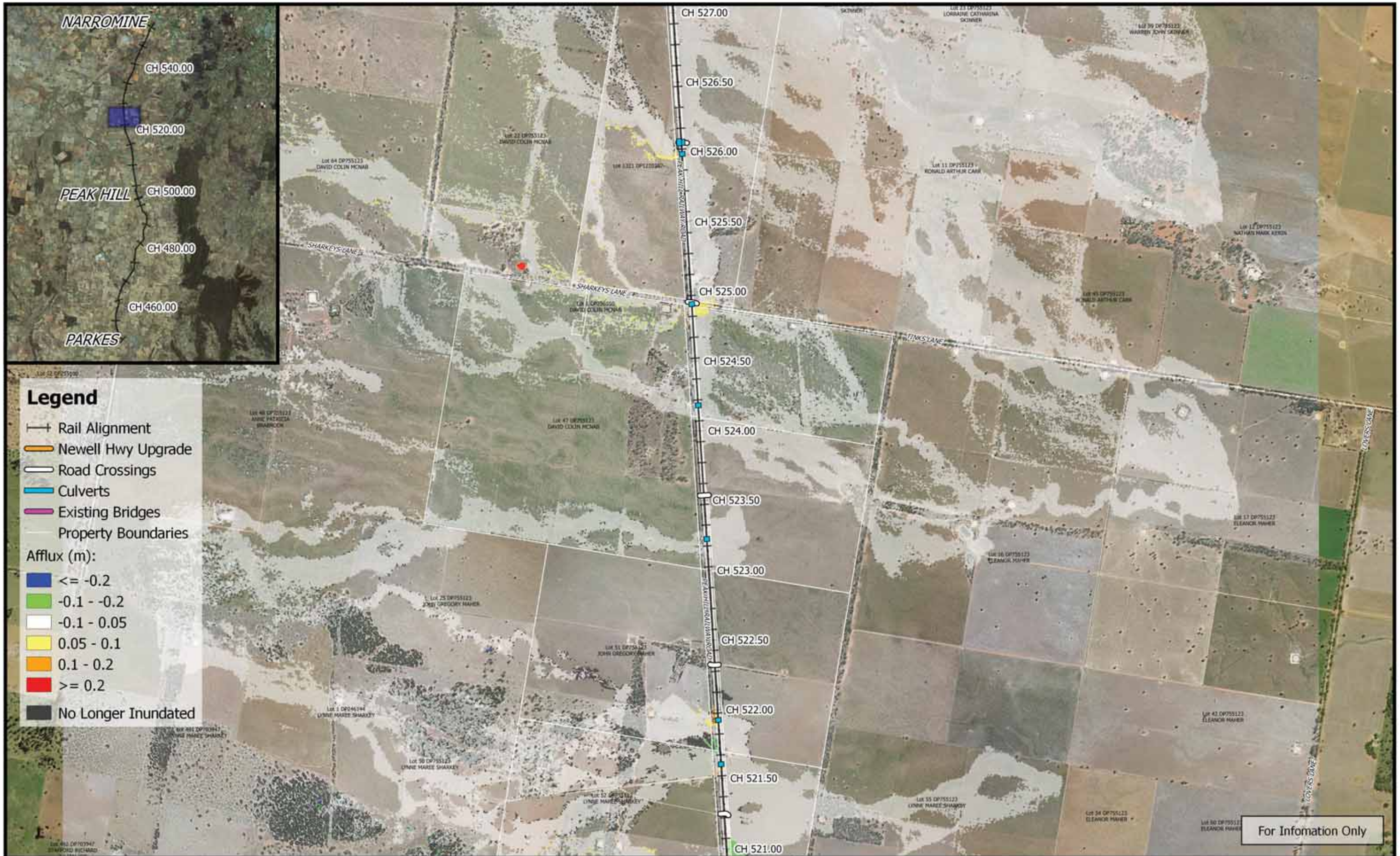
- +— Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

Afflux (m):

- Blue: ≤ -0.2
- Green: $-0.1 - -0.2$
- White: $-0.1 - 0.05$
- Yellow: $0.05 - 0.1$
- Orange: $0.1 - 0.2$
- Red: ≥ 0.2
- Black: No Longer Inundated

For Information Only

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 22/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A18 5% AEP Flood Afflux - CH 520.00</p>
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			Prepared By: YeohM	



Legend

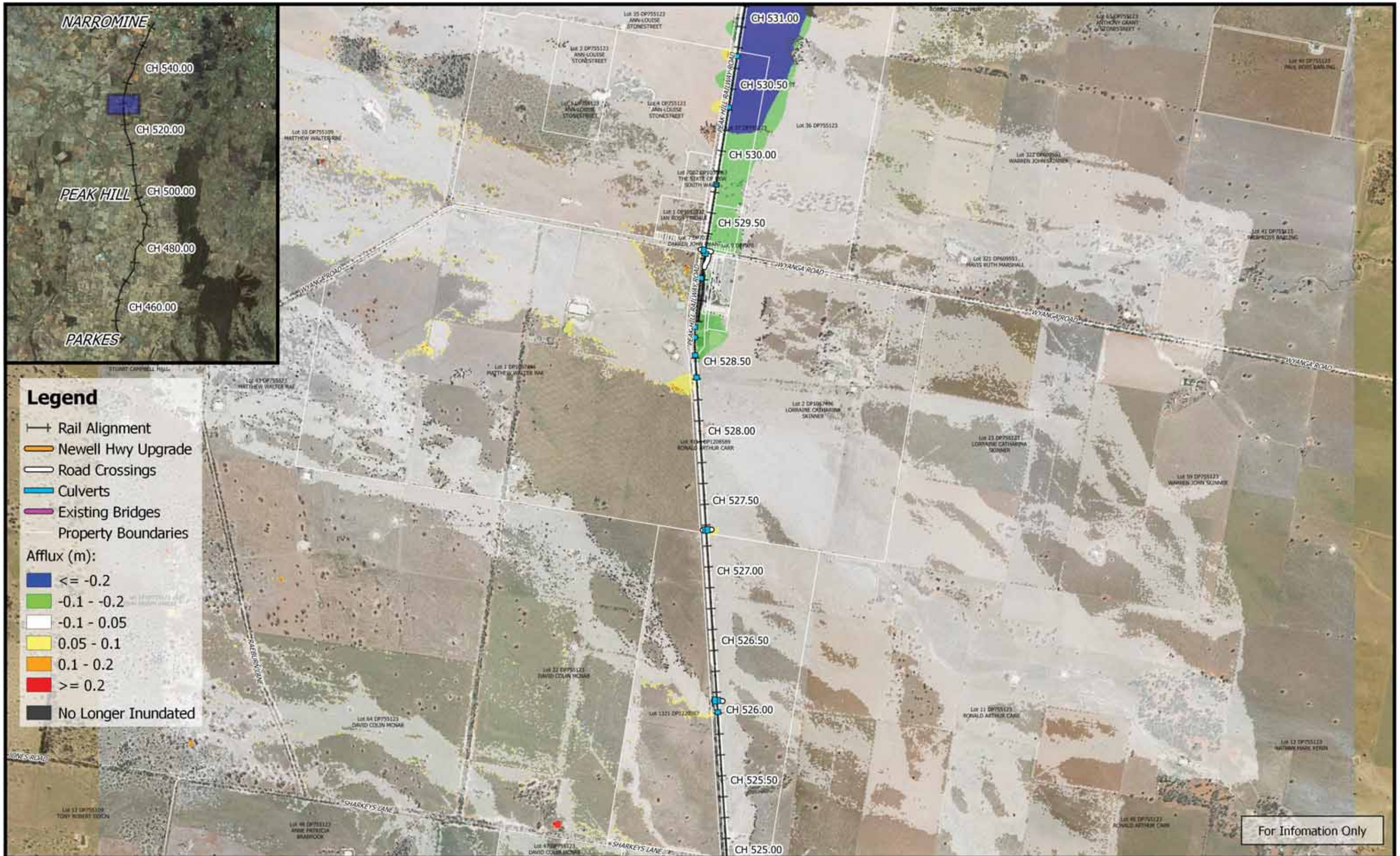
- +— Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

Afflux (m):

- Blue: ≤ -0.2
- Green: $-0.1 - -0.2$
- White: $-0.1 - 0.05$
- Yellow: $0.05 - 0.1$
- Orange: $0.1 - 0.2$
- Red: ≥ 0.2
- Black: No Longer Inundated

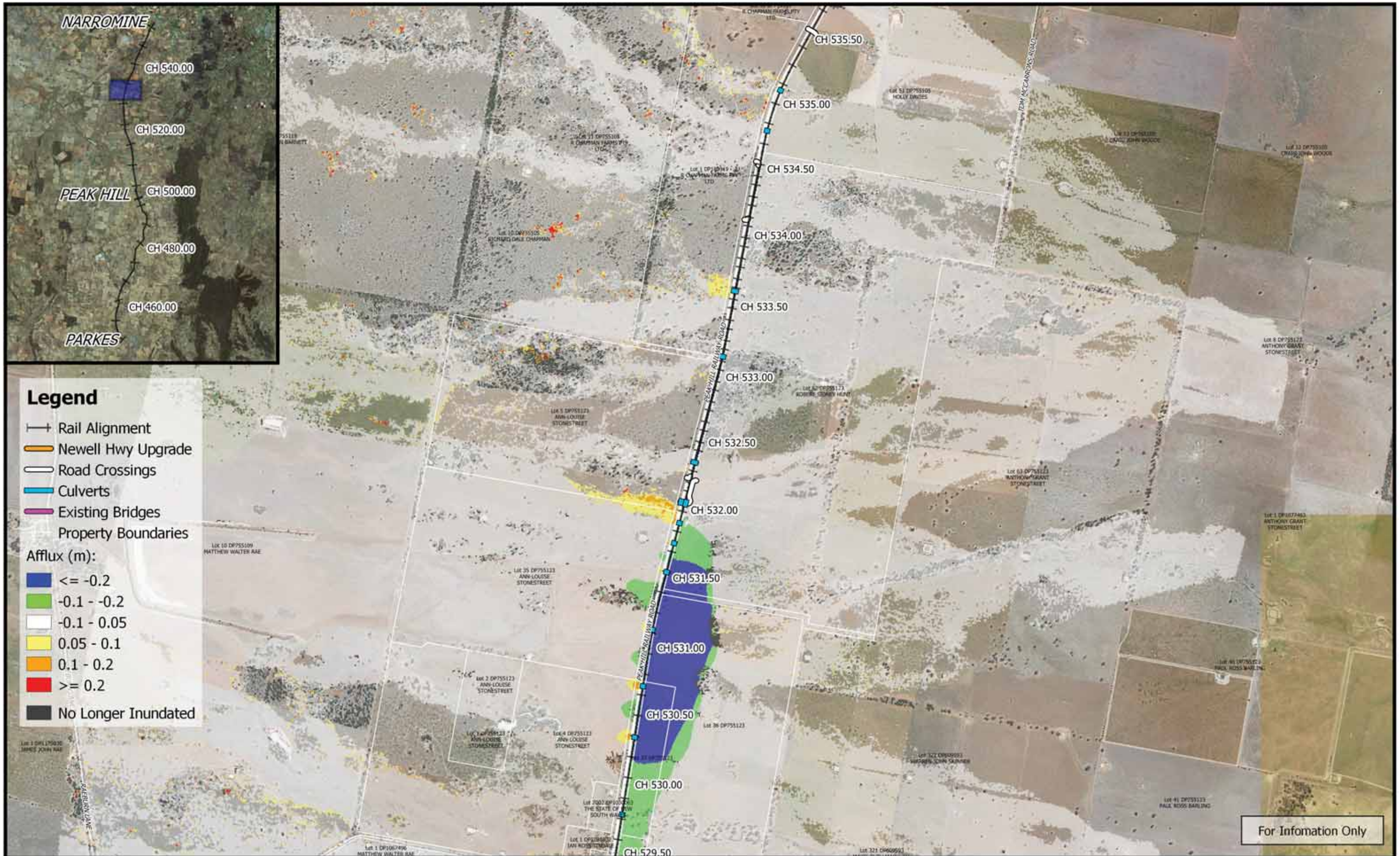
For Information Only

	<p>1:25,000</p>		Date: 22/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A19 5% AEP Flood Afflux - CH 525.00</p>	
	Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3		Rev: B - For Information Only		
			Prepared By: YeohM		



For Information Only

	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 22/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A20 5% AEP Flood Afflux - CH 530.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	



Legend

- +— Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

- Afflux (m):
- Blue: ≤ -0.2
 - Green: $-0.1 - -0.2$
 - White: $-0.1 - 0.05$
 - Yellow: $0.05 - 0.1$
 - Orange: $0.1 - 0.2$
 - Red: ≥ 0.2
 - Black: No Longer Inundated

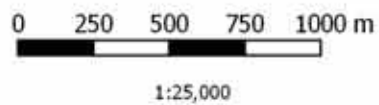
Date: 22/3/2019

Rev: B - For Information Only

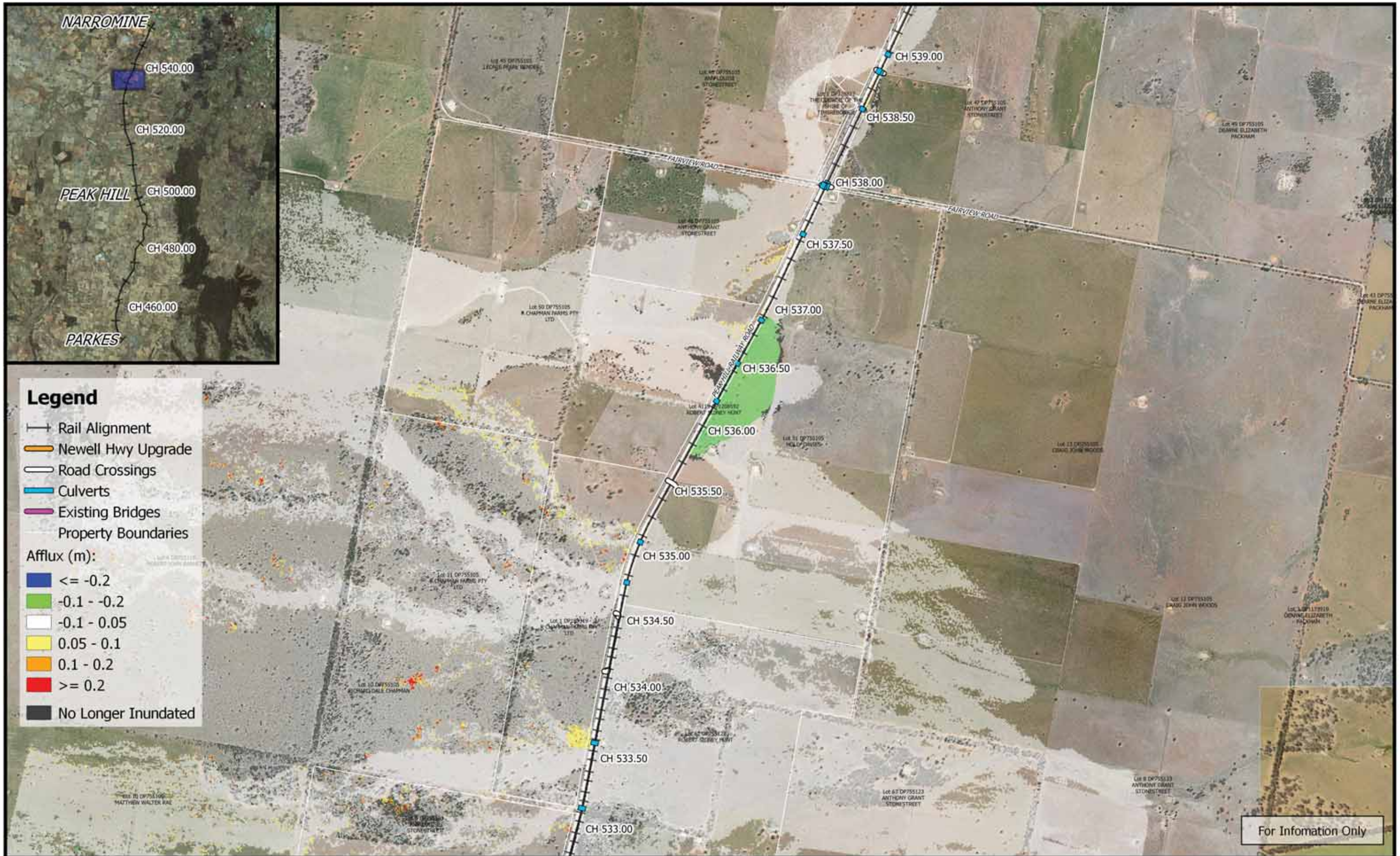
Prepared By: YeohM

Inland Rail - Parkes to Narromine
IFC - Cross Drainage Flood Impact Assessment Results

Figure D5A21
5% AEP Flood Afflux - CH 533.00



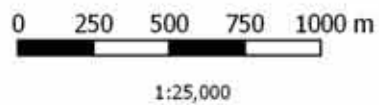
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Aerial Source: NSW Six Map
Scale ratio correct when printed at A3



Legend

- +— Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

- Afflux (m):
- Blue: ≤ -0.2
 - Green: $-0.1 - -0.2$
 - White: $-0.1 - 0.05$
 - Yellow: $0.05 - 0.1$
 - Orange: $0.1 - 0.2$
 - Red: ≥ 0.2
 - Black: No Longer Inundated



Coordinate system: GDA 1994 MGA Zone 55
 Aerial Source: NSW Six Map
 Scale ratio correct when printed at A3



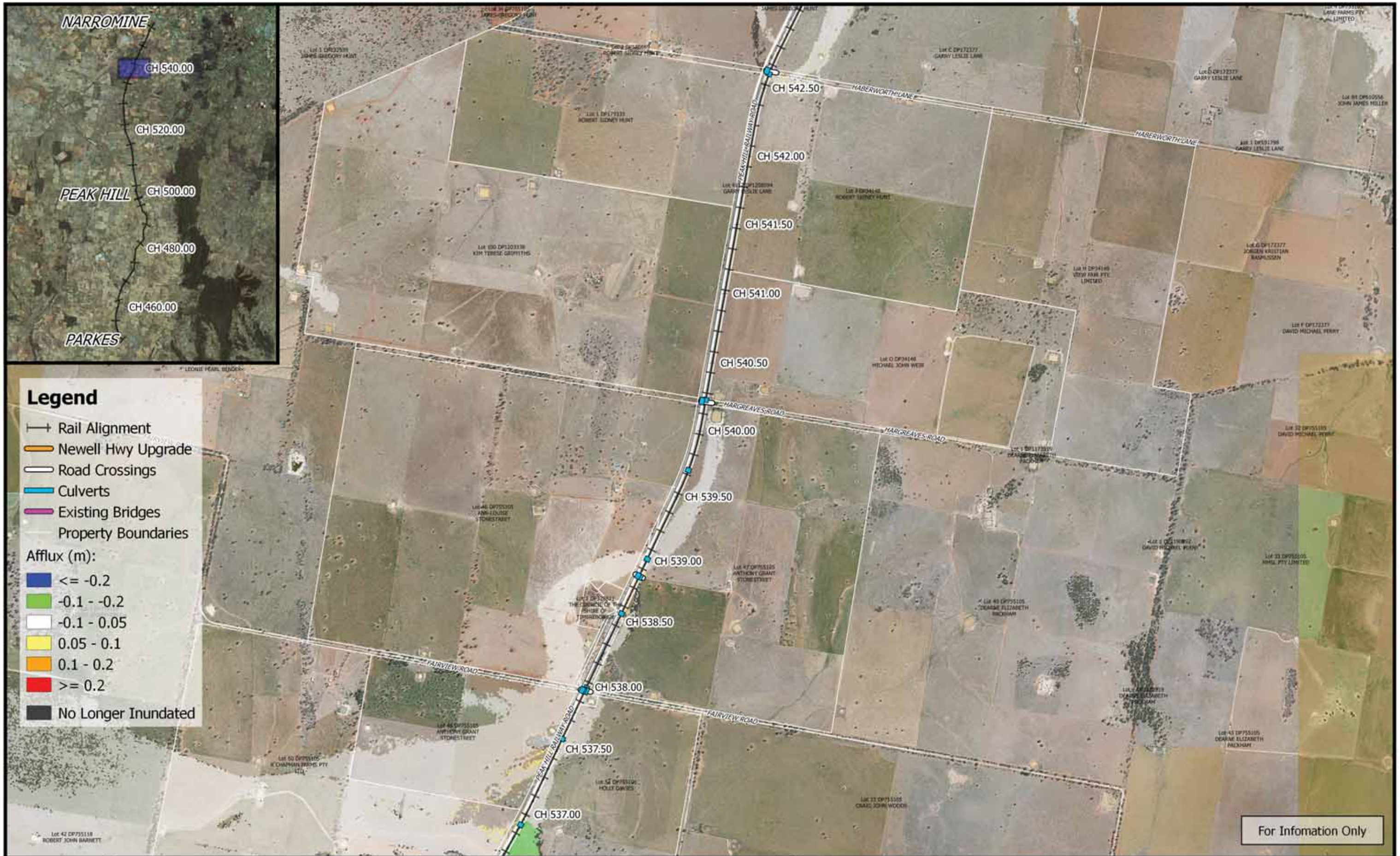
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Rev: B - For Information Only

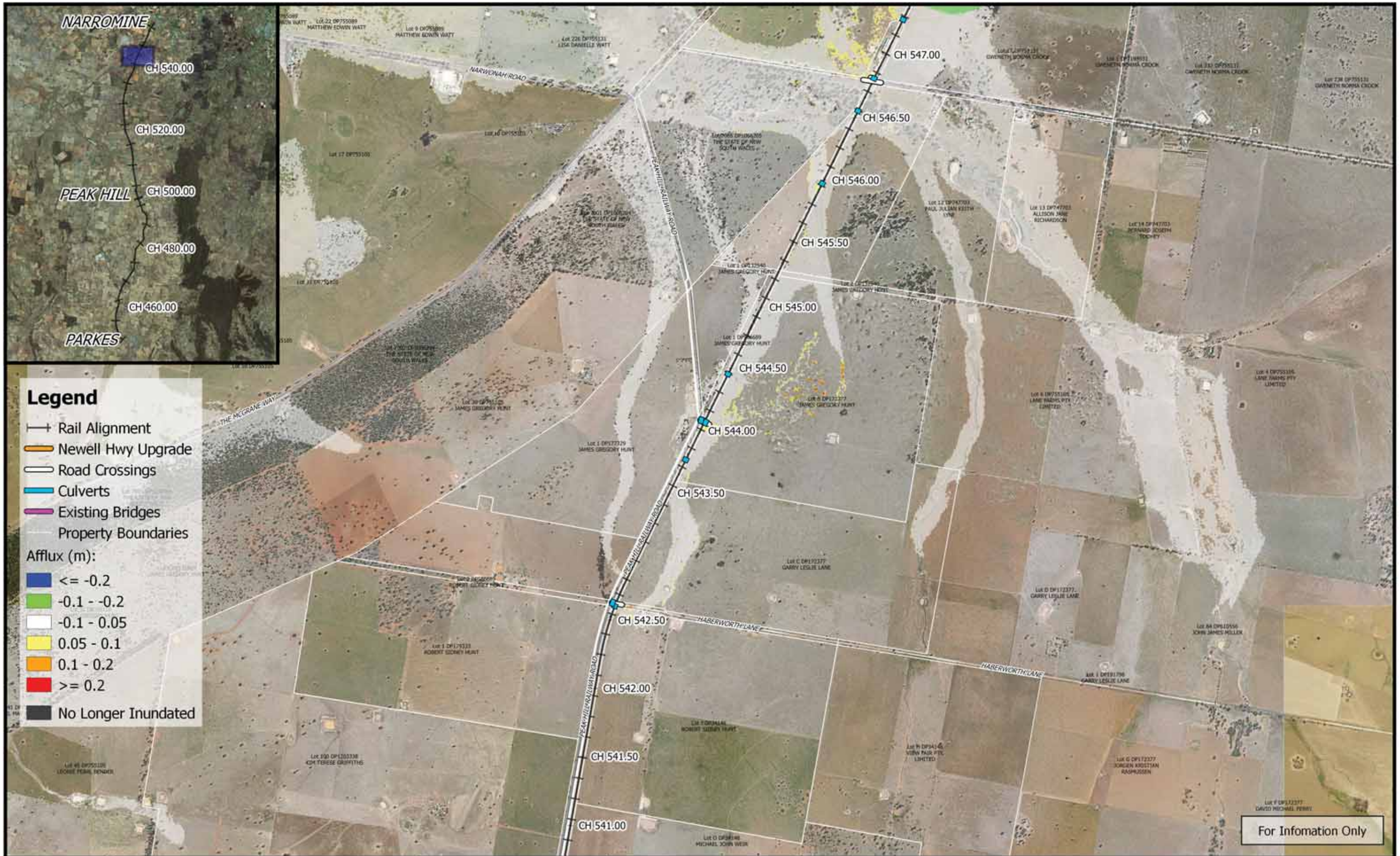
Prepared By: YeohM

Inland Rail - Parkes to Narromine
 IFC - Cross Drainage Flood Impact Assessment Results

Figure D5A22
 5% AEP Flood Afflux - CH 535.00



	<p>1:25,000</p>		Date: 22/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D5A23 5% AEP Flood Afflux - CH 540.00</p>
	<p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		<p>Rev: B - For Information Only</p>	
	<p>Prepared By: YeohM</p>			



Legend

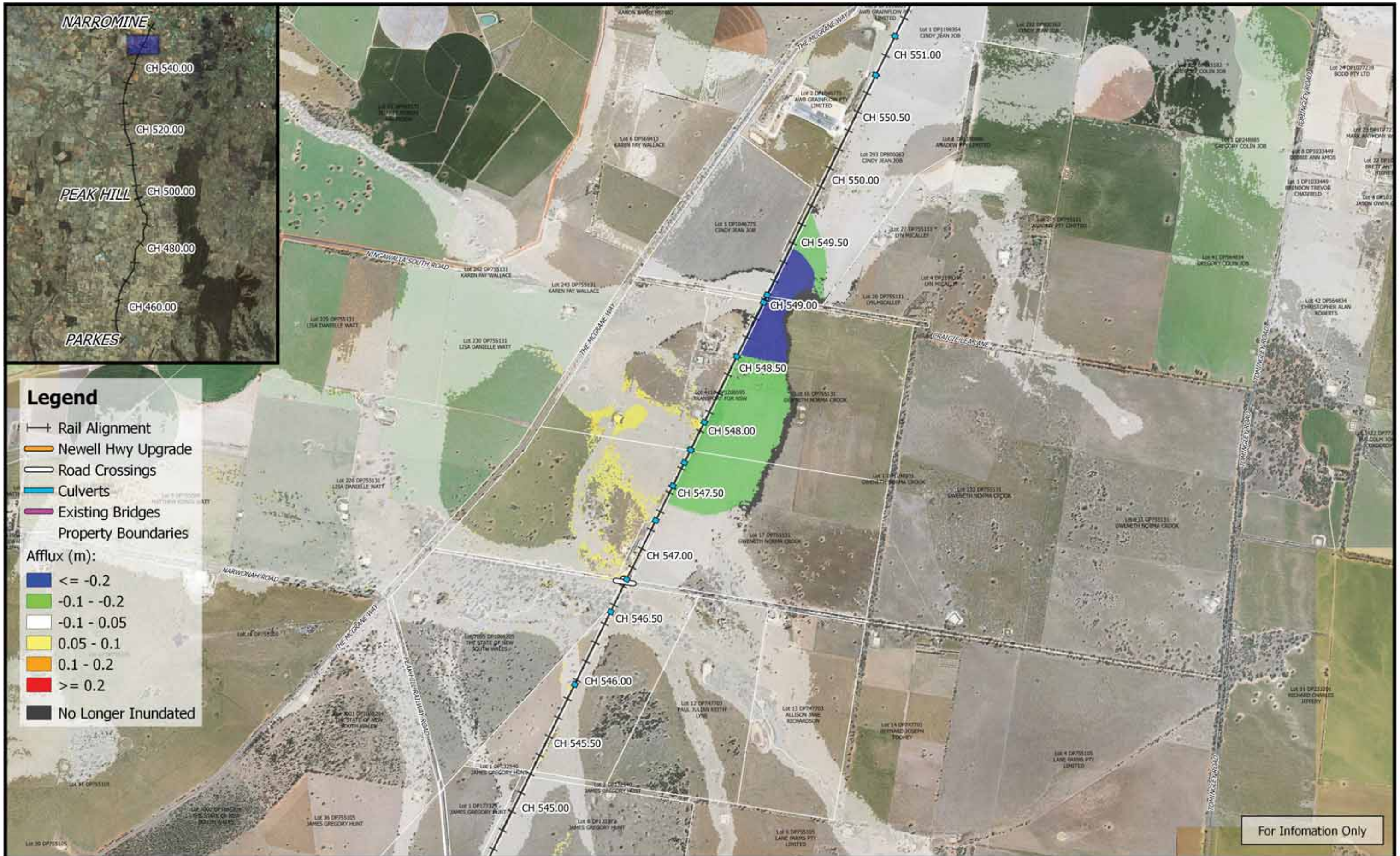
- +— Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries





Afflux (m):

- Blue: ≤ -0.2
- Green: $-0.1 - -0.2$
- White: $-0.1 - 0.05$
- Yellow: $0.05 - 0.1$
- Orange: $0.1 - 0.2$
- Red: ≥ 0.2
- Black: No Longer Inundated

For Information Only

	<p>1:25,000</p>		Date: 22/3/2019	<p style="text-align: center;">Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p style="text-align: center;">Figure D5A24 5% AEP Flood Afflux - CH 545.00</p>	
	Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3		Rev: B - For Information Only		
			Prepared By: YeohM		



	 1:25,000 Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3	 	Date: 22/3/2019 Rev: B - For Information Only Prepared By: YeohM	Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results Figure D5A25 5% AEP Flood Afflux - CH 550.00
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