

# 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*

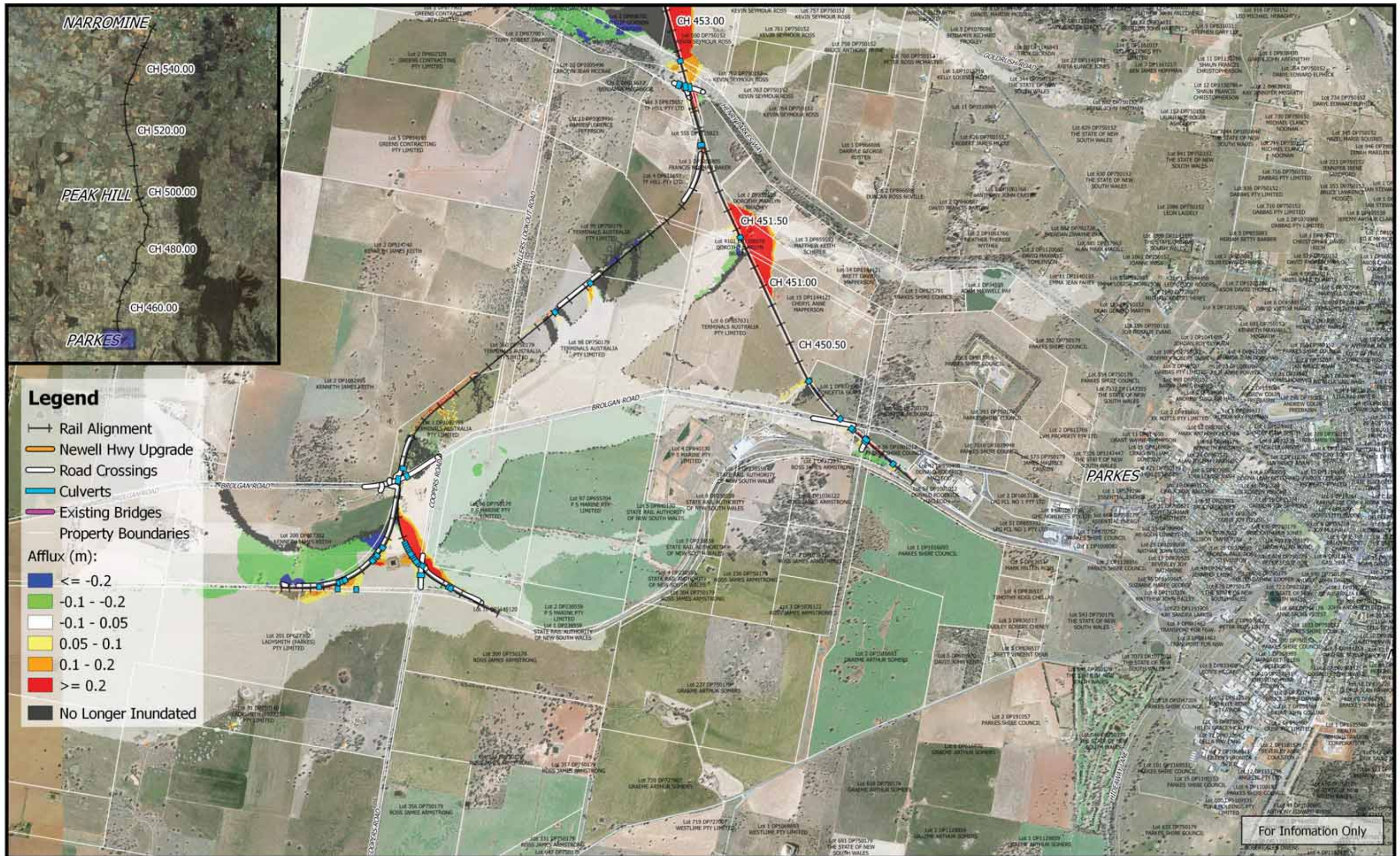
*B10 – Flood Duration Change 5% AEP*

*B11 – Flood Duration Change 2% AEP*

*B12 – Flood Duration Change 0.05% AEP*











For Information Only



0 250 500 750 1000 m  
1:25,000

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



Date: 26/3/2019

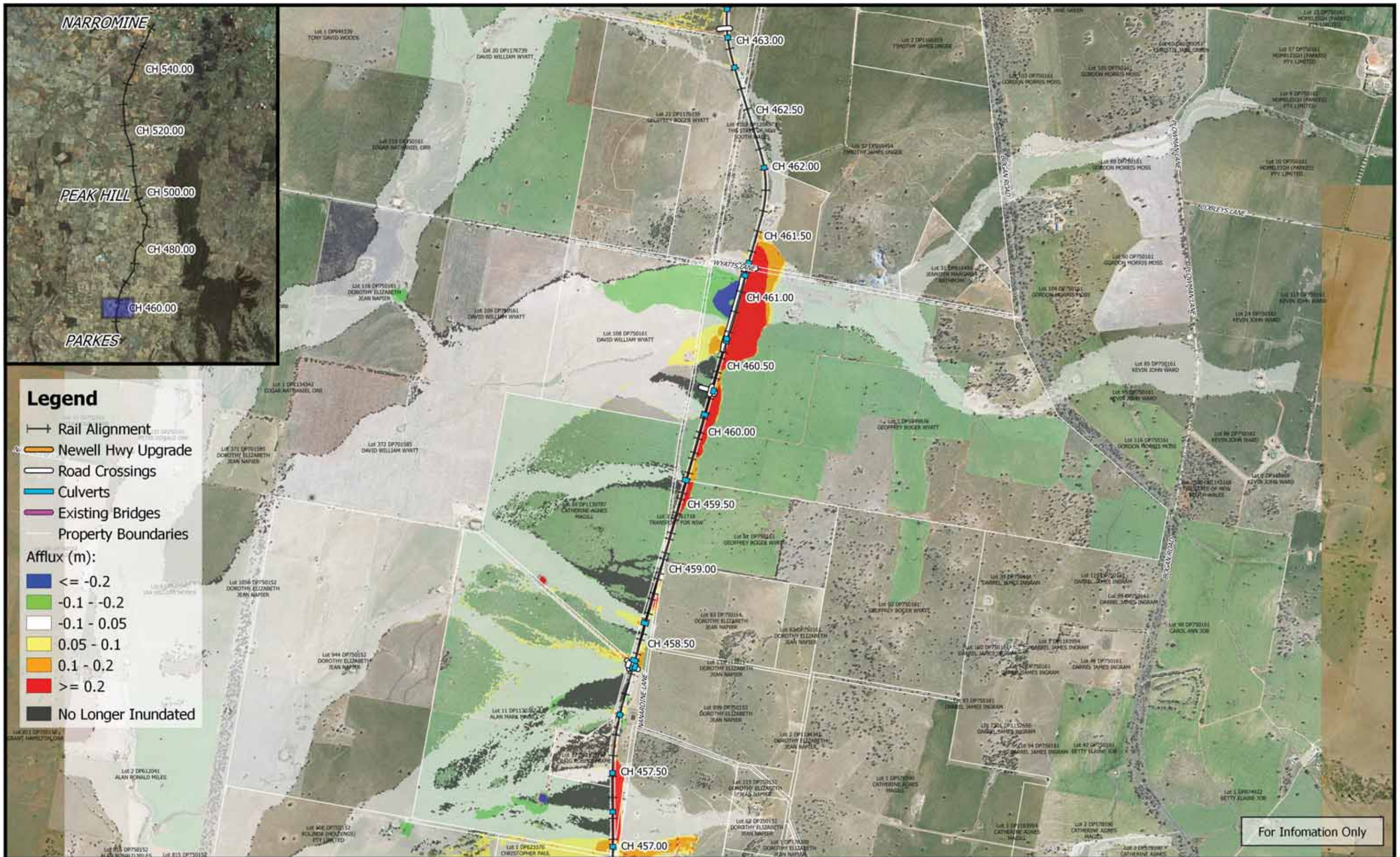
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**Inland Rail - Parkes to Narromine**  
IFC - Cross Drainage Flood Impact Assessment Results

**Figure D0.05A2**  
0.05% AEP Flood Afflux - CH 455.00



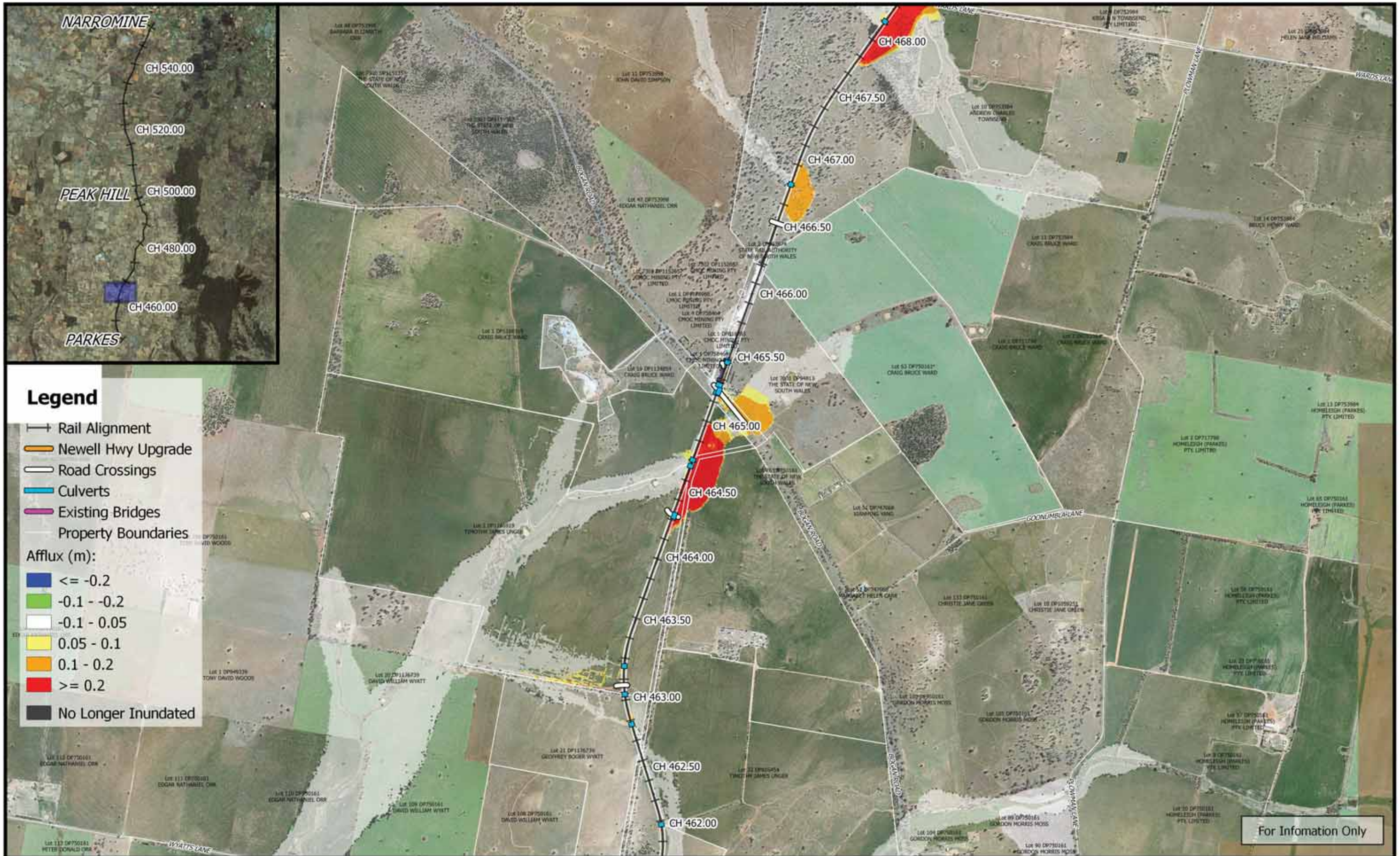


For Information Only

	<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: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A3</b> 0.05% AEP Flood Afflux - CH 460.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	

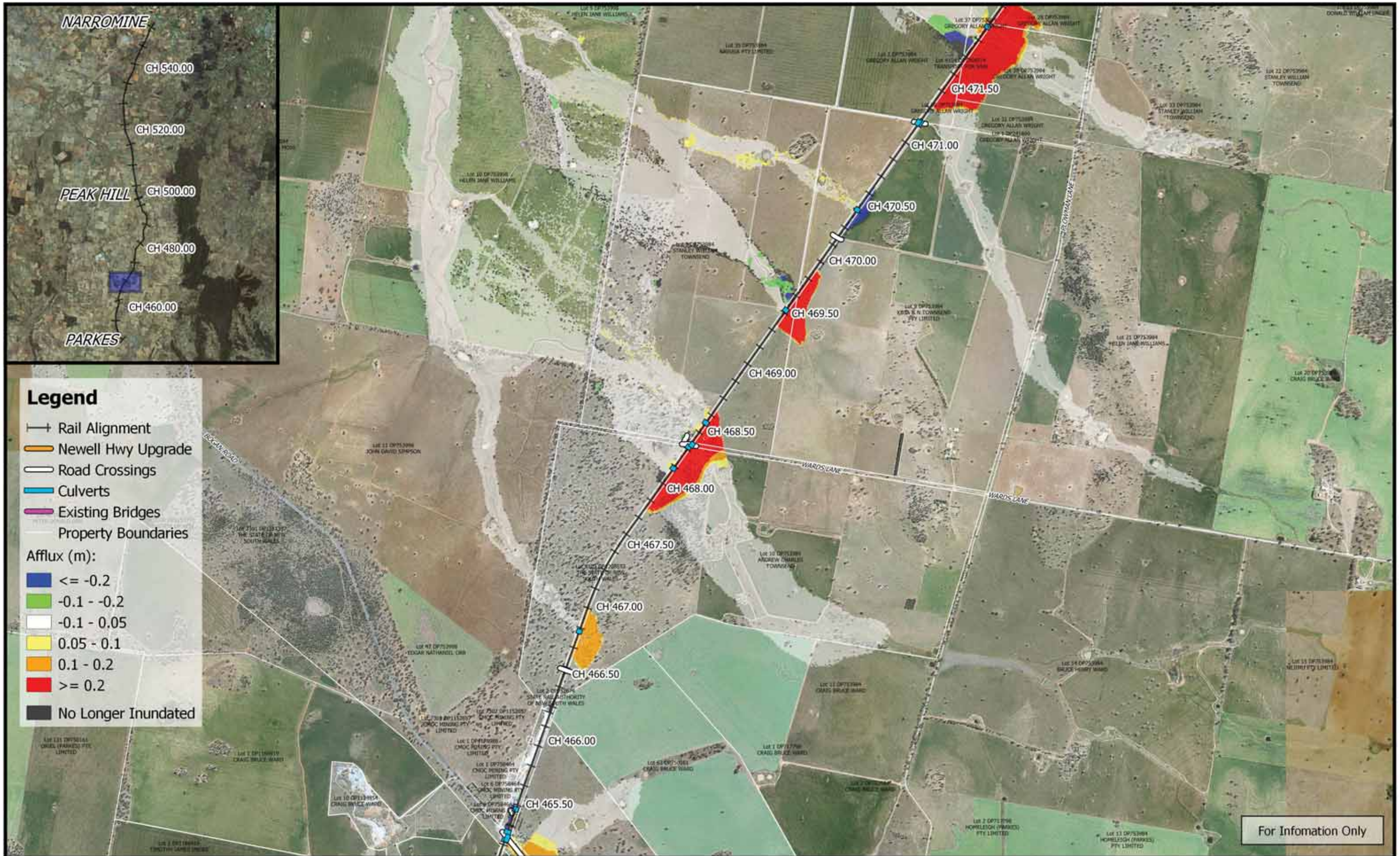
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	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A4</b> 0.05% AEP Flood Afflux - CH 465.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	





For Information Only



0 250 500 750 1000 m  
1:25,000

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



Date: 26/3/2019

Rev: B - For Information Only

Prepared By: YeohM



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

**Figure D0.05A5**  
0.05% AEP Flood Afflux - CH 470.00

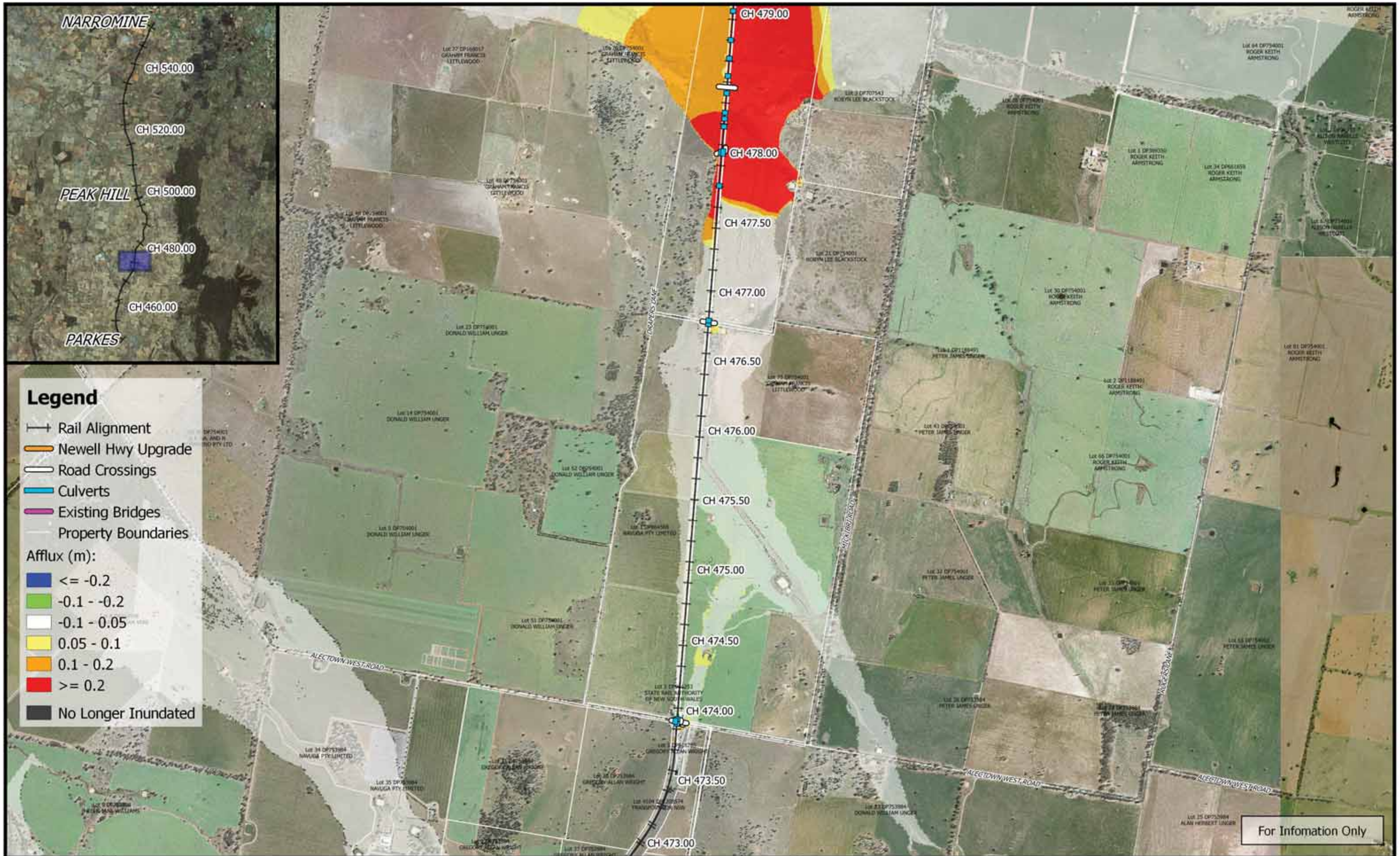




For Information Only

	<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: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A6</b> 0.05% AEP Flood Afflux - CH 472.00</p>
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			Prepared By: YeohM	





**Legend**

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

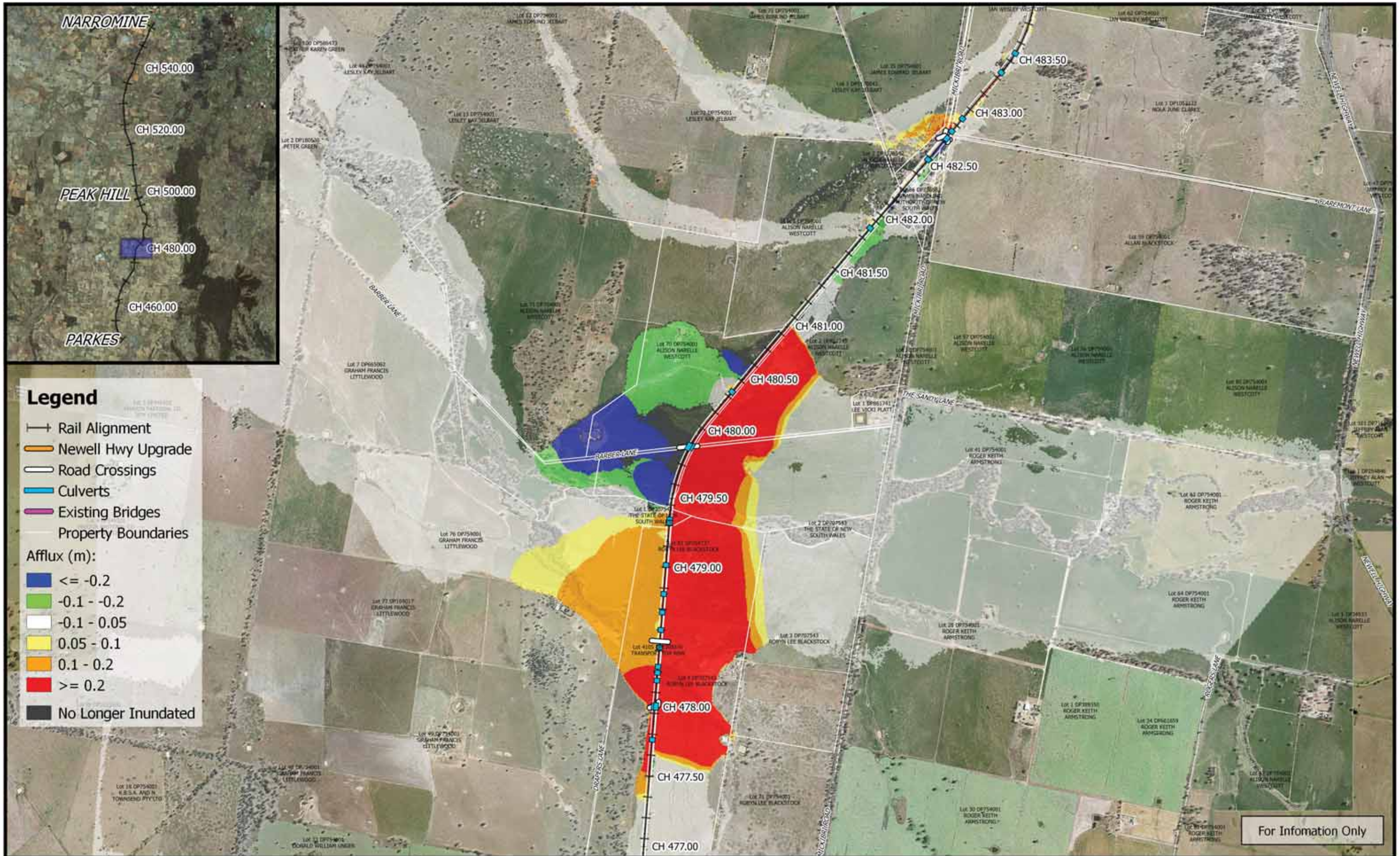
**Afflux (m):**

- <= -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: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A7</b> 0.05% AEP Flood Afflux - CH 475.00</p>
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**Legend**

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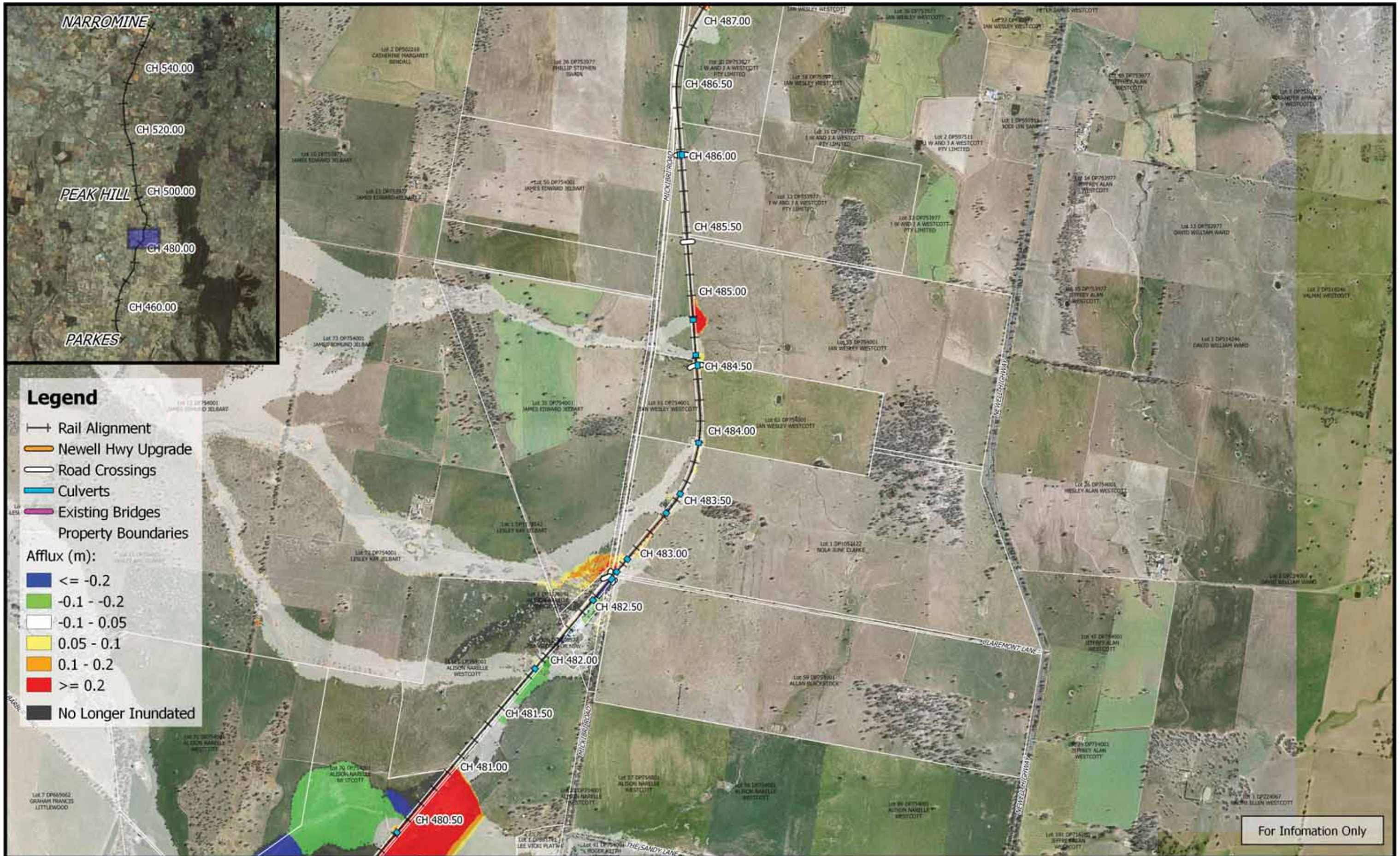
- Afflux (m):**
- $\le -0.2$
  - $-0.1 - -0.2$
  - $-0.1 - 0.05$
  - $0.05 - 0.1$
  - $0.1 - 0.2$
  - $\ge 0.2$
  - No Longer Inundated

For Information Only

	<p>1:25,000</p>		Date: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A8</b> 0.05% AEP Flood Afflux - CH 480.00</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		

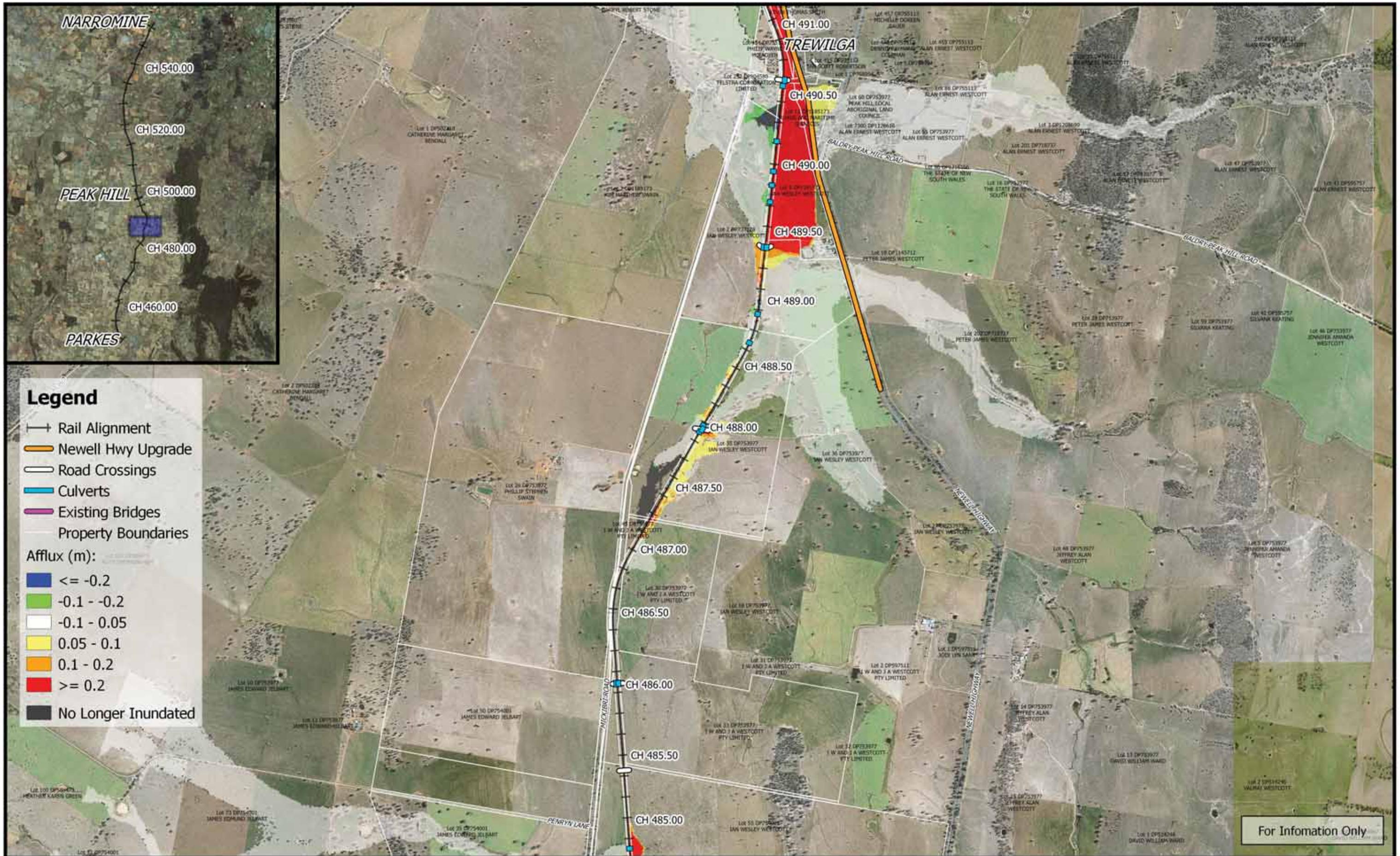
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			Rev: B - For Information Only	
			Prepared By: YeohM	





**Legend**

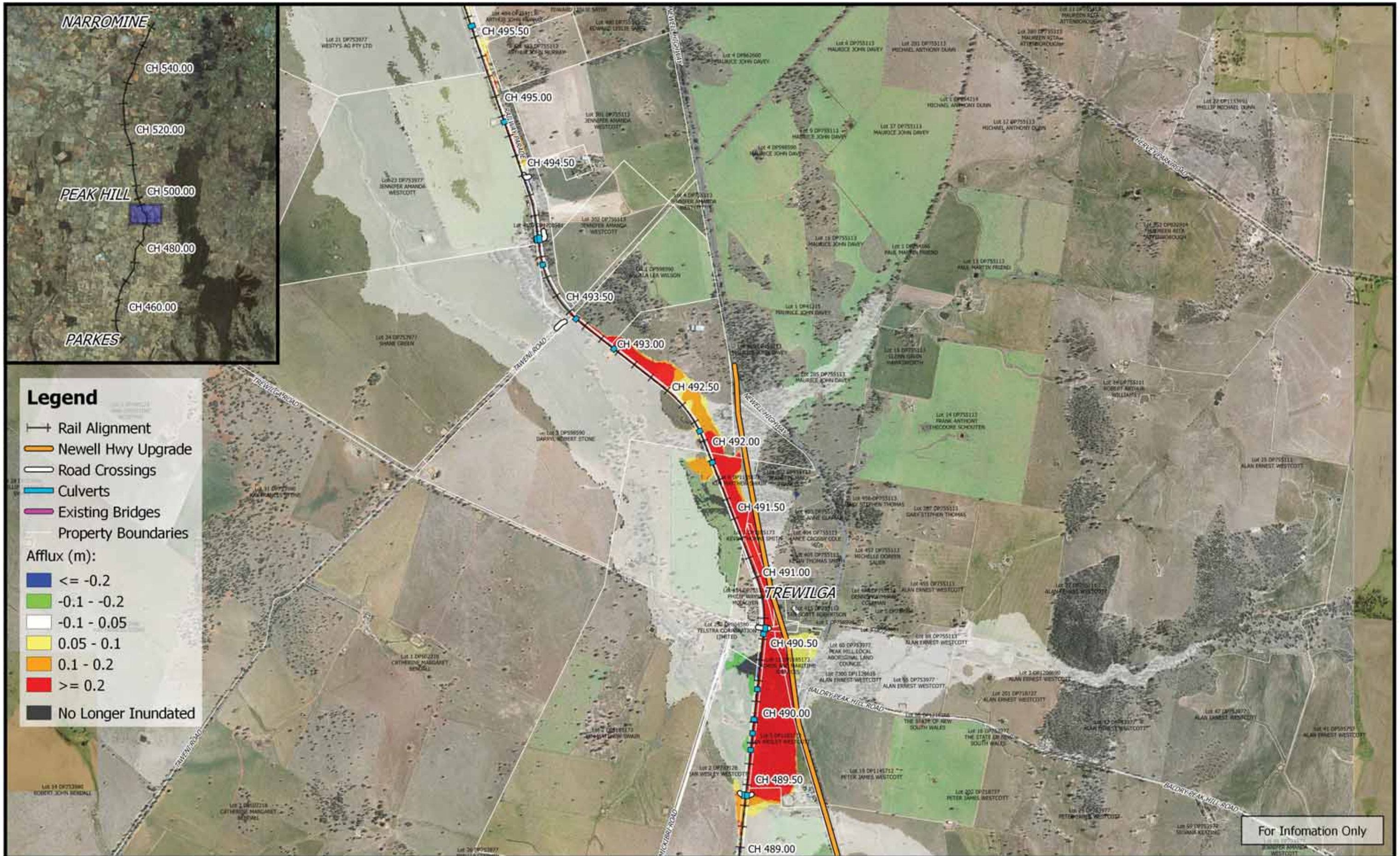
- Rail Alignment
- Newell Hwy Upgrade
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- Existing Bridges
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- Afflux (m):**
- <= -0.2
  - 0.1 - -0.2
  - 0.1 - 0.05
  - 0.05 - 0.1
  - 0.1 - 0.2
  - >= 0.2
  - No Longer Inundated



For Information Only

	<p>1:25,000</p>		Date: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A10</b> 0.05% AEP Flood Afflux - CH 490.00</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	





For Information Only

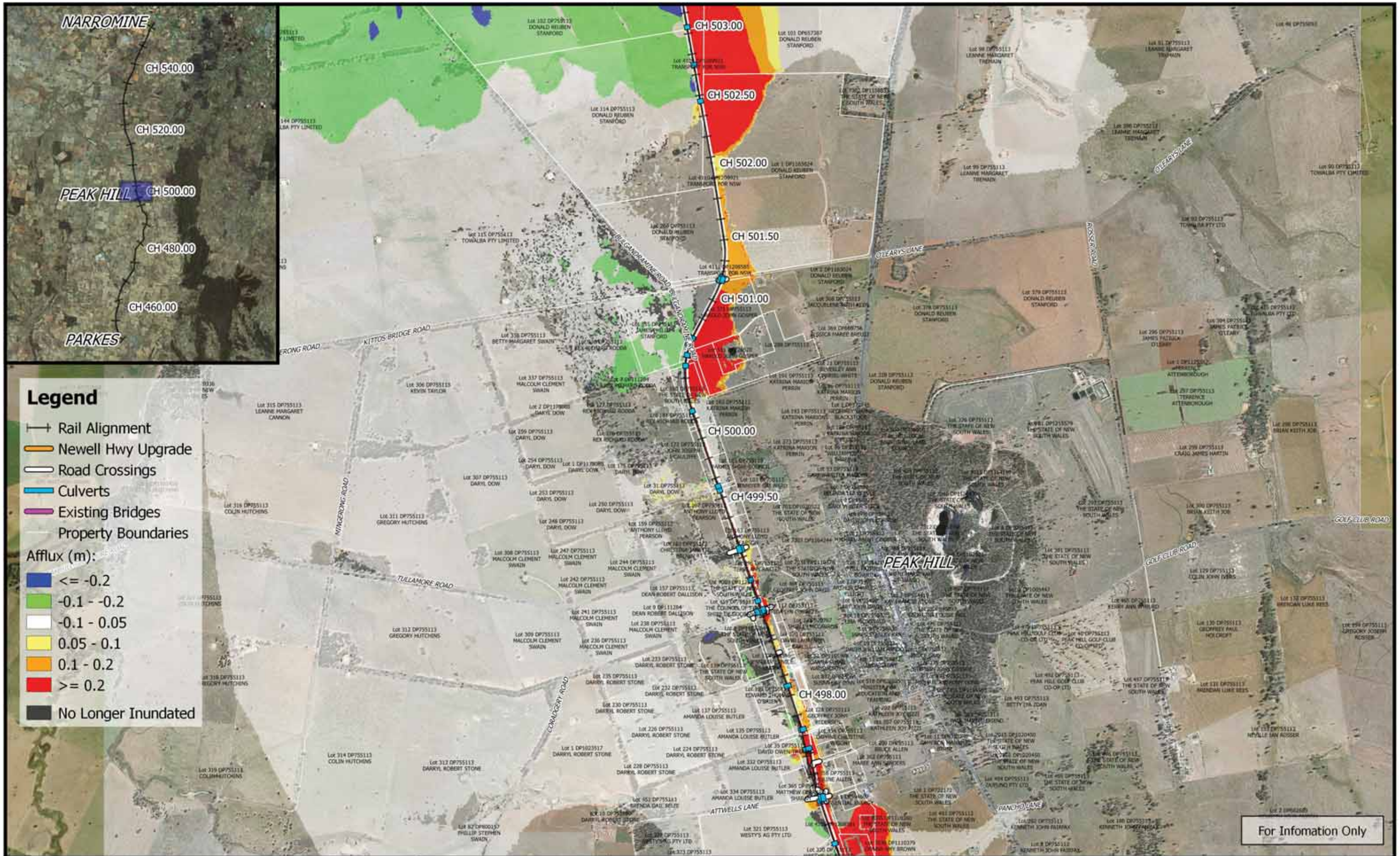
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			Rev: B - For Information Only	
			Prepared By: YeohM	





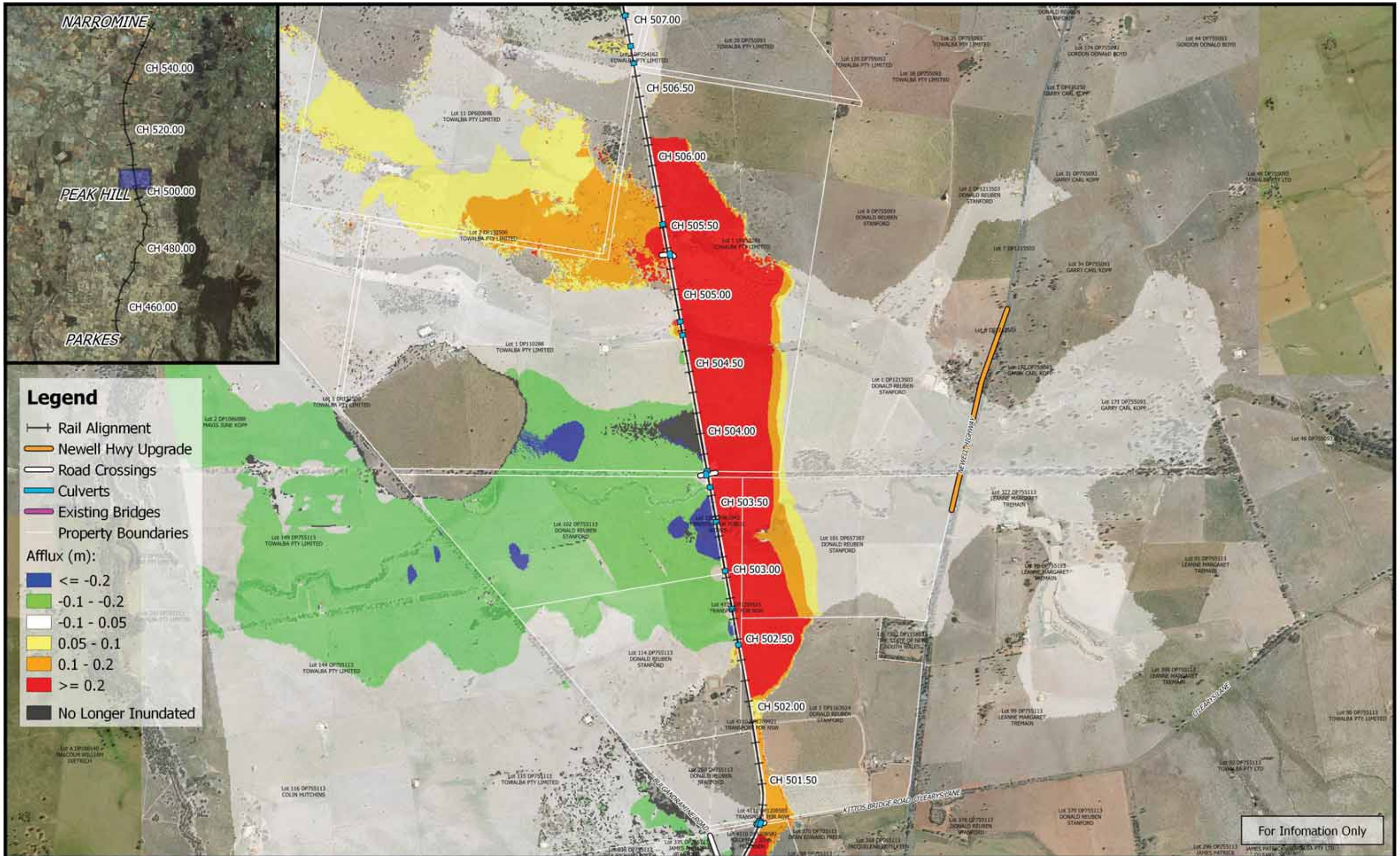
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	Rev: B - For Information Only			
	Prepared By: YeohM			





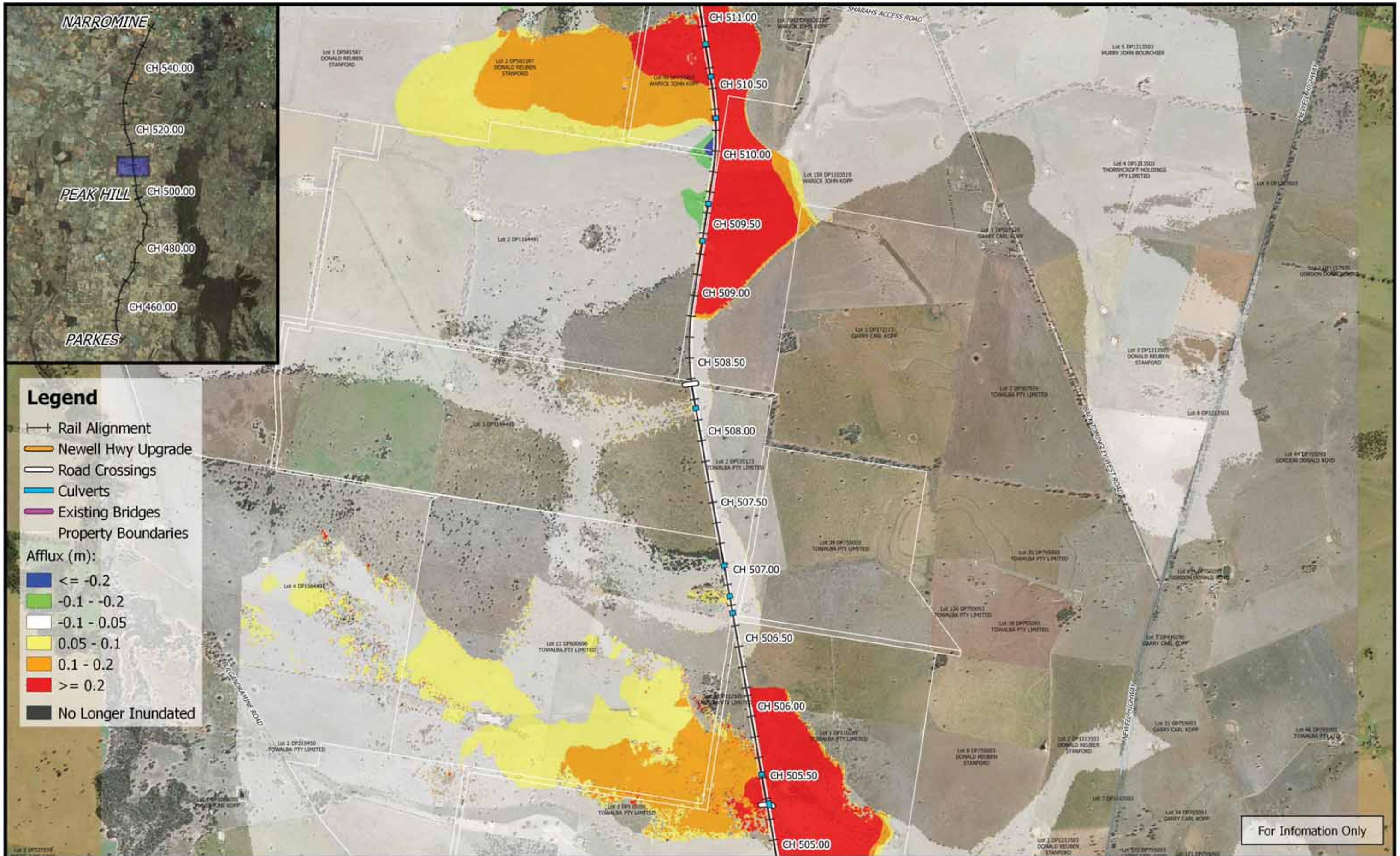
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			Rev: B - For Information Only	
			Prepared By: YeohM	





	<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: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A14</b> 0.05% AEP Flood Afflux - CH 505.00</p>
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			Prepared By: YeohM	





**Legend**

- Rail Alignment
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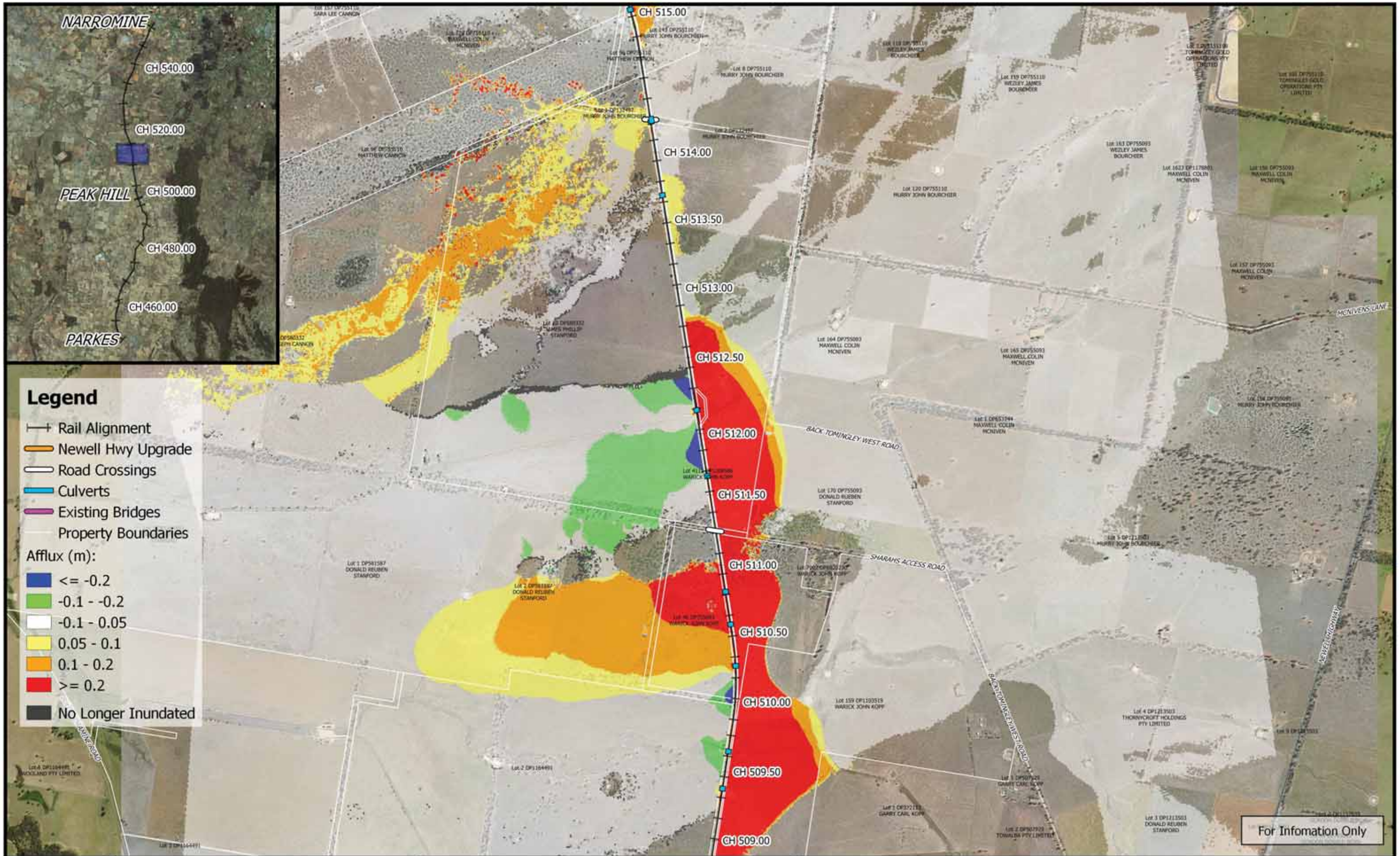
**Afflux (m):**

- <= -0.2
- 0.1 - -0.2
- 0.1 - 0.05
- 0.05 - 0.1
- 0.1 - 0.2
- >= 0.2
- No Longer Inundated


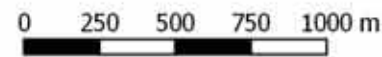

For Information Only

	<p>1:25,000</p>		Date: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A15</b> 0.05% AEP Flood Afflux - CH 510.00</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		

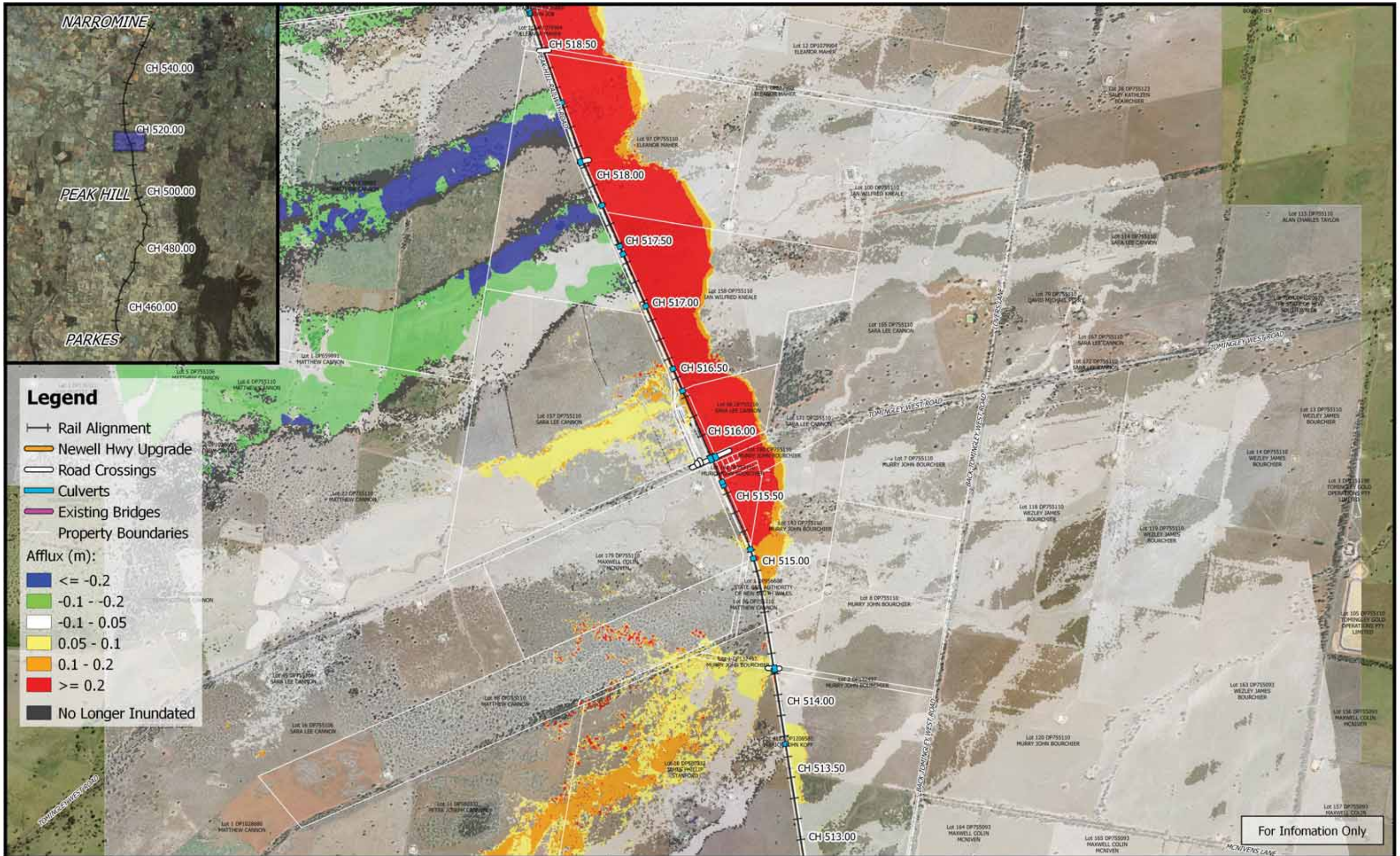




For Information Only

	 1:25,000		Date: 28/3/2019	<b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results  <b>Figure D0.05A16</b> <i>0.05% AEP Flood Afflux - CH 512.00</i>
	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			





**Legend**

- Rail Alignment
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**Afflux (m):**

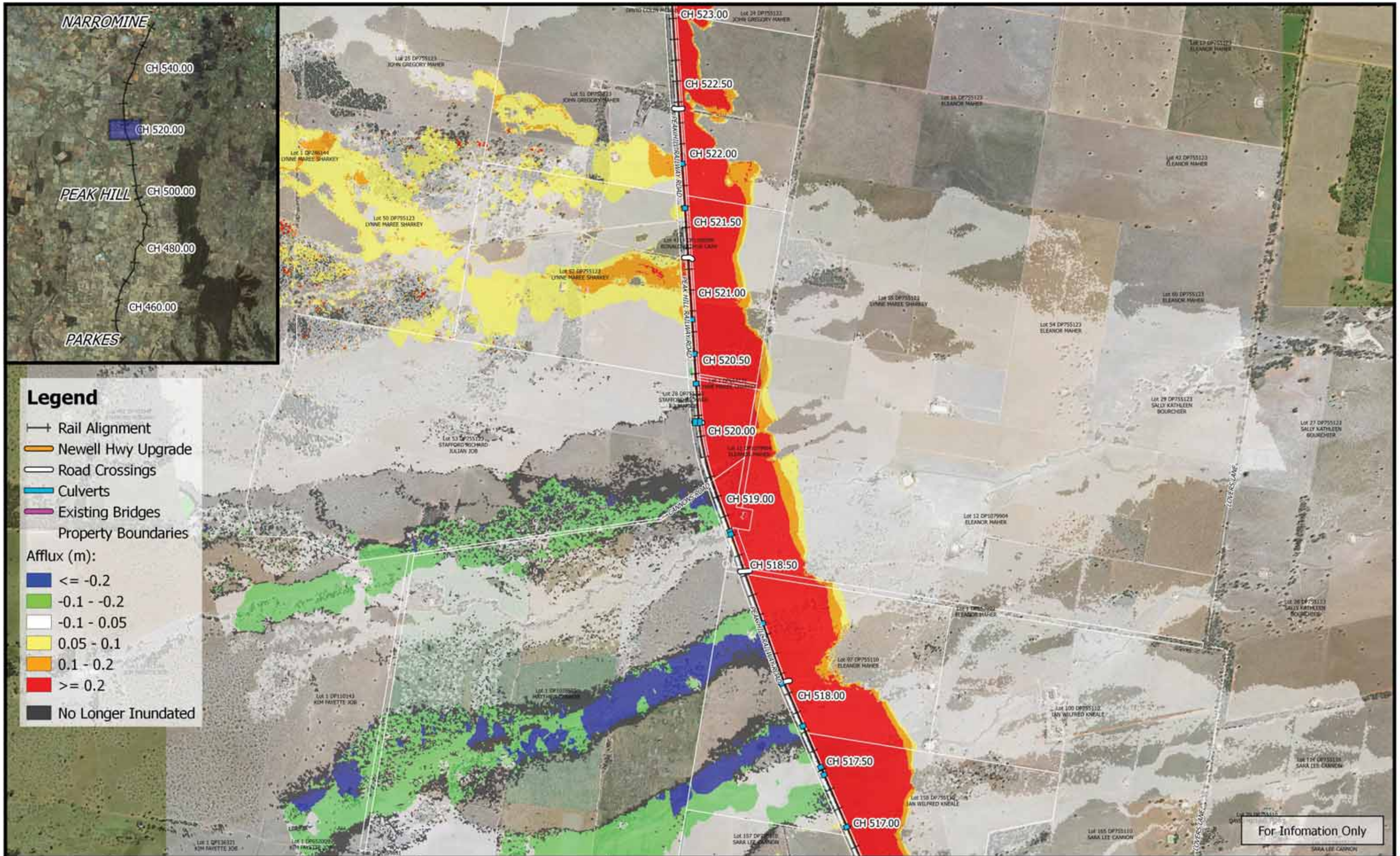
- Blue:  $\leq -0.2$
- Green:  $-0.1 - -0.2$
- White:  $-0.1 - 0.05$
- Yellow:  $0.05 - 0.1$
- Orange:  $0.1 - 0.2$
- Red:  $\geq 0.2$
- Black: No Longer Inundated

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>		<p>Date: 28/3/2019</p> <p>Rev: B - For Information Only</p> <p>Prepared By: YeohM</p>	<p><b>Inland Rail - Parkes to Narromine</b></p> <p>IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A17</b></p> <p><i>0.05% AEP Flood Afflux - CH 515.00</i></p>
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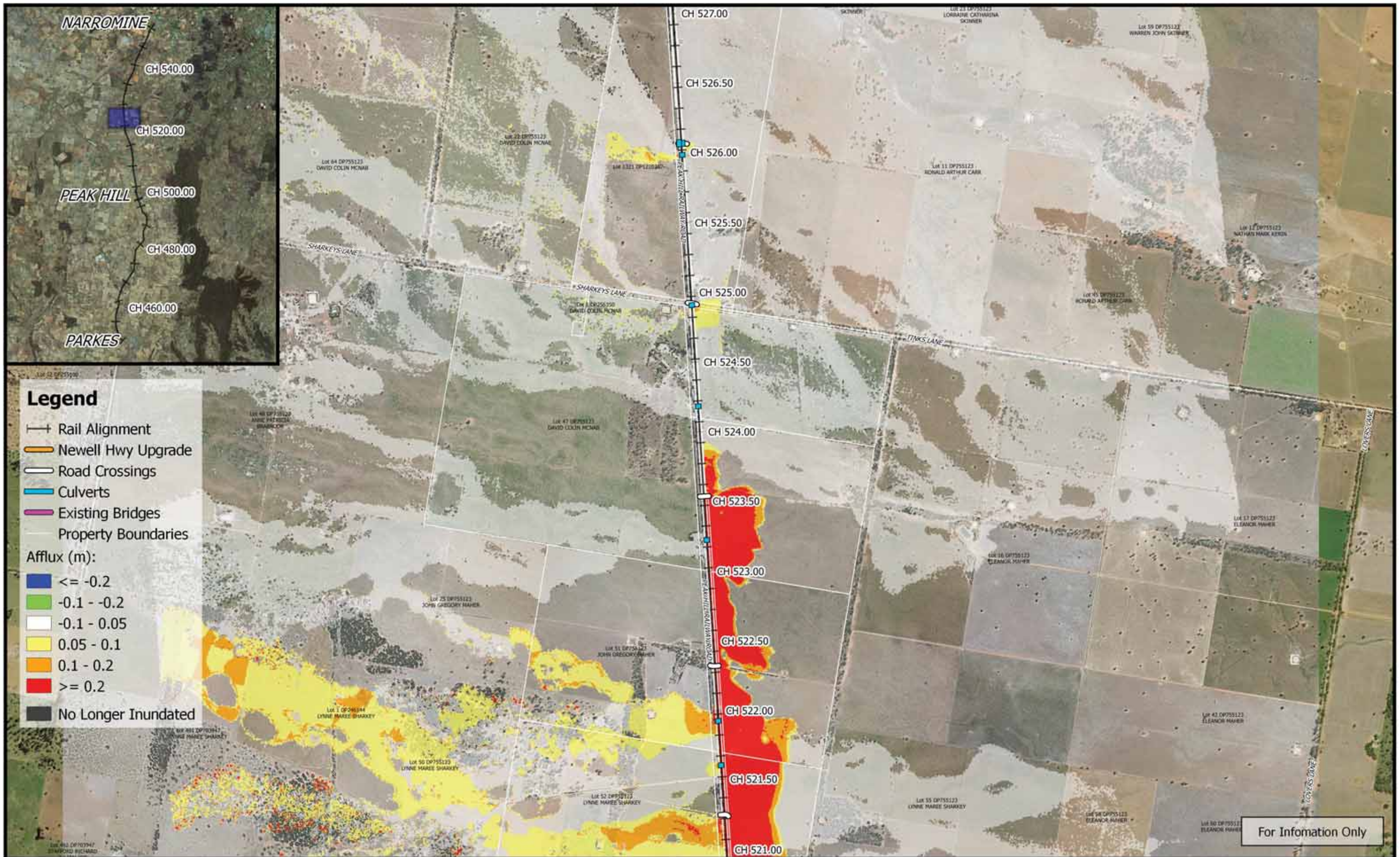


For Information Only

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			Rev: B - For Information Only	
			Prepared By: YeohM	

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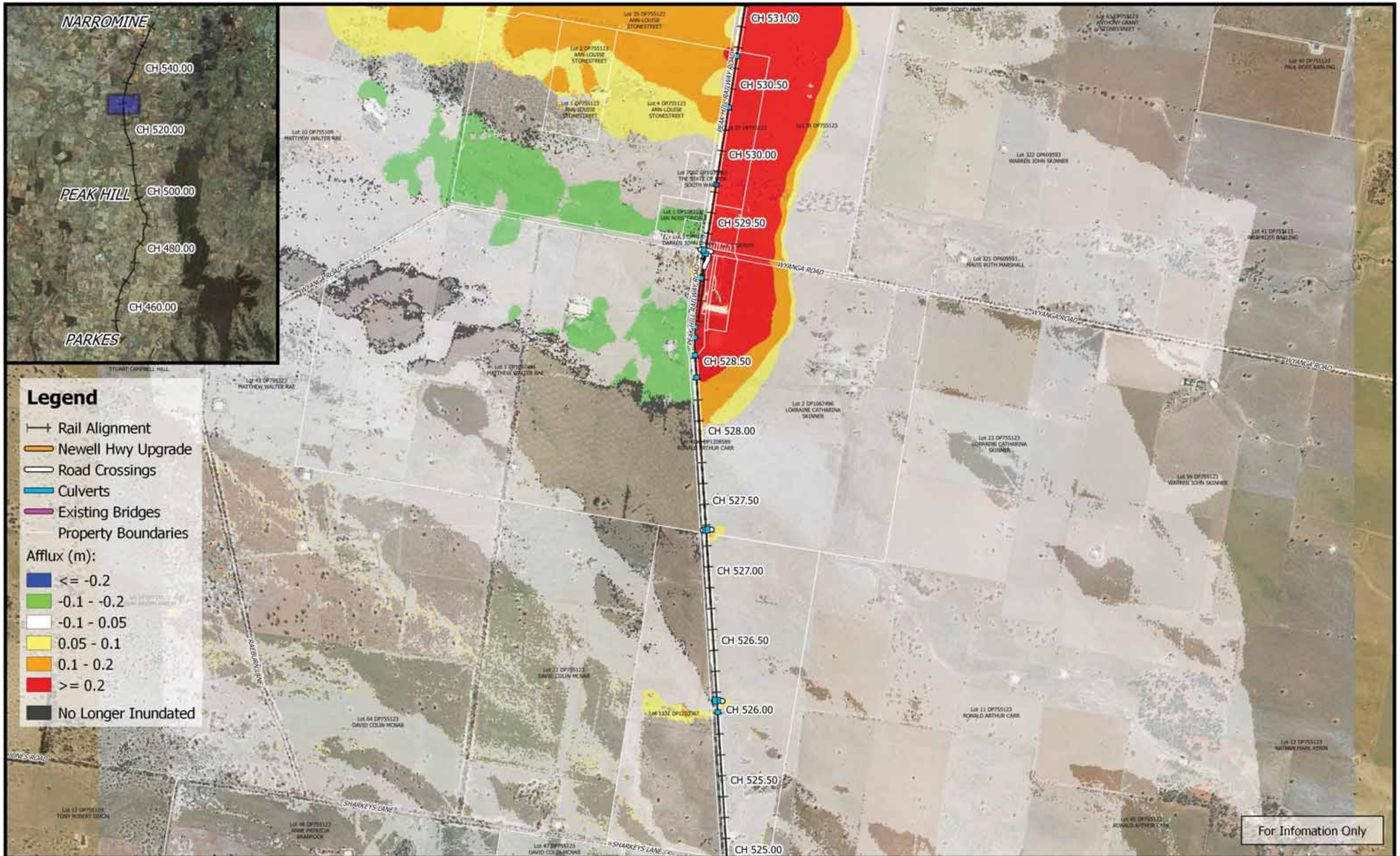




For Information Only

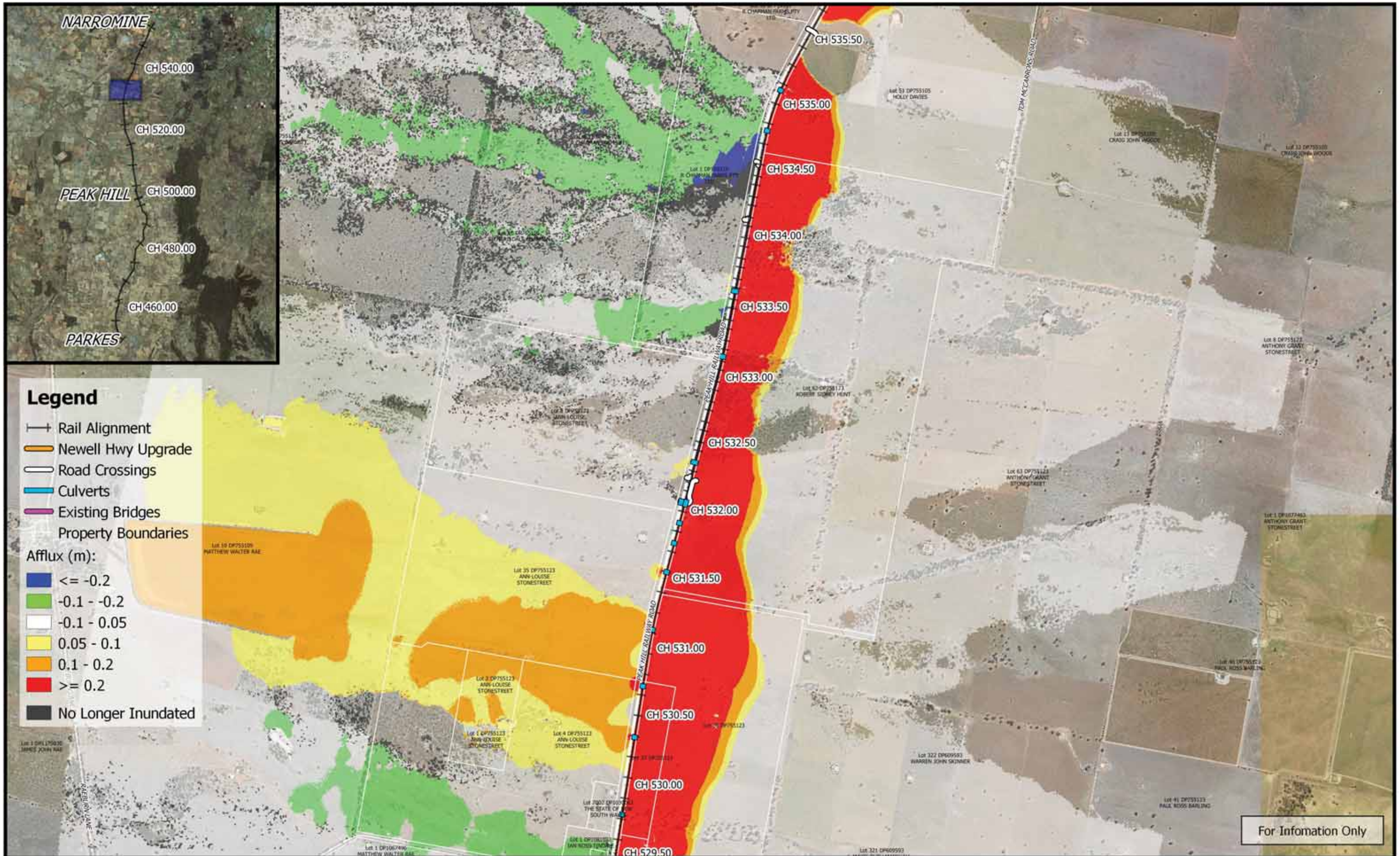
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			Rev: B - For Information Only	
			Prepared By: YeohM	





	<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: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A20</b> 0.05% AEP Flood Afflux - CH 530.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	





### Legend

- Rail Alignment
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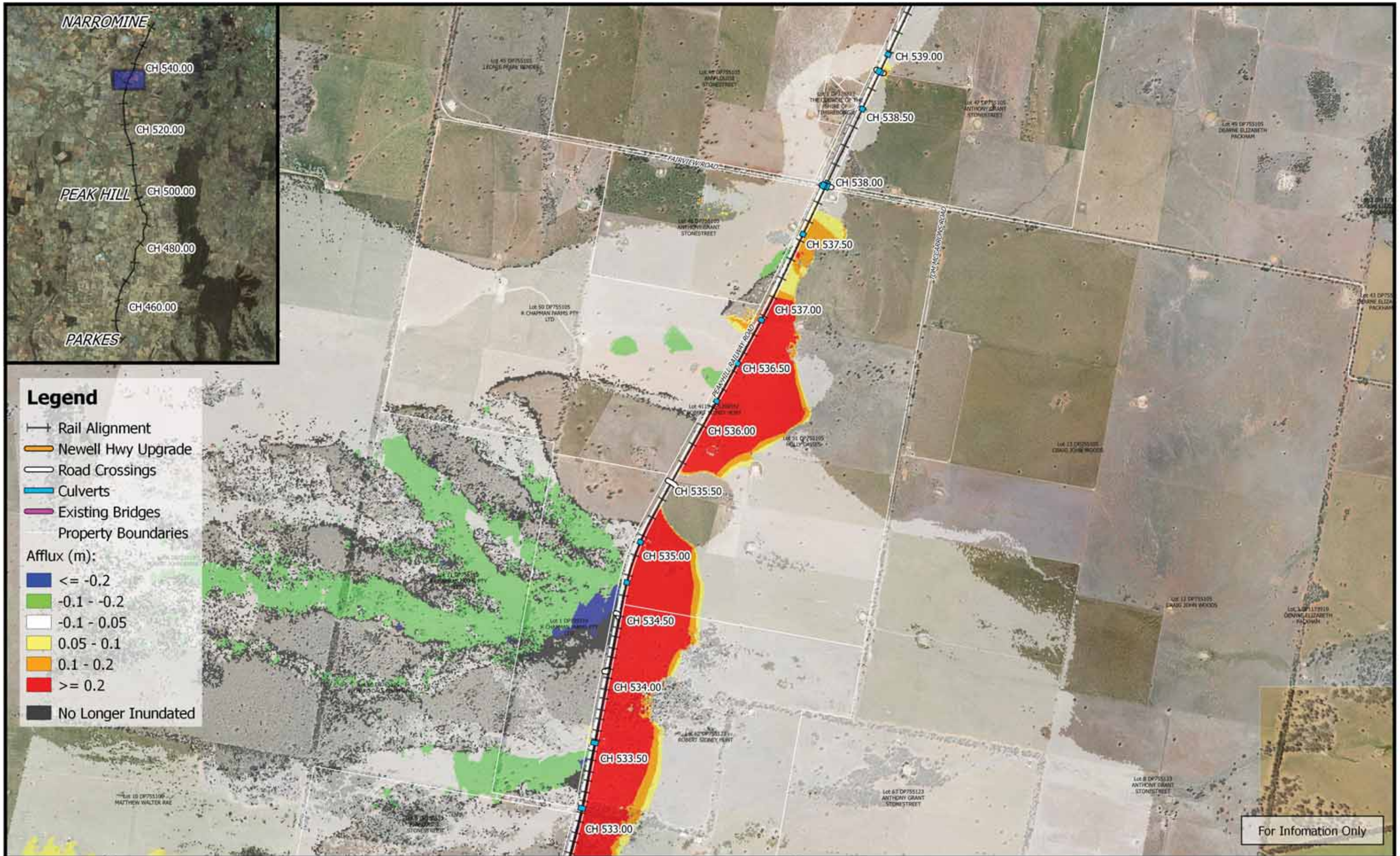
Afflux (m):

- $\le -0.2$
- 0.1 - -0.2
- 0.1 - 0.05
- 0.05 - 0.1
- 0.1 - 0.2
- $\ge 0.2$
- No Longer Inundated

For Information Only

	 1:25,000		Date: 26/3/2019	<b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results  <b>Figure D0.05A21</b> <i>0.05% AEP Flood Afflux - CH 533.00</i>
	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	





**Legend**

- +— Rail Alignment
- Newell Hwy Upgrade
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- Culverts
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- Afflux (m):
- Blue:  $\le -0.2$
  - Green:  $-0.1 - -0.2$
  - White:  $-0.1 - 0.05$
  - Yellow:  $0.05 - 0.1$
  - Orange:  $0.1 - 0.2$
  - Red:  $\ge 0.2$
  - Black: No Longer Inundated



0 250 500 750 1000 m  
1:25,000

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



Date: 26/3/2019

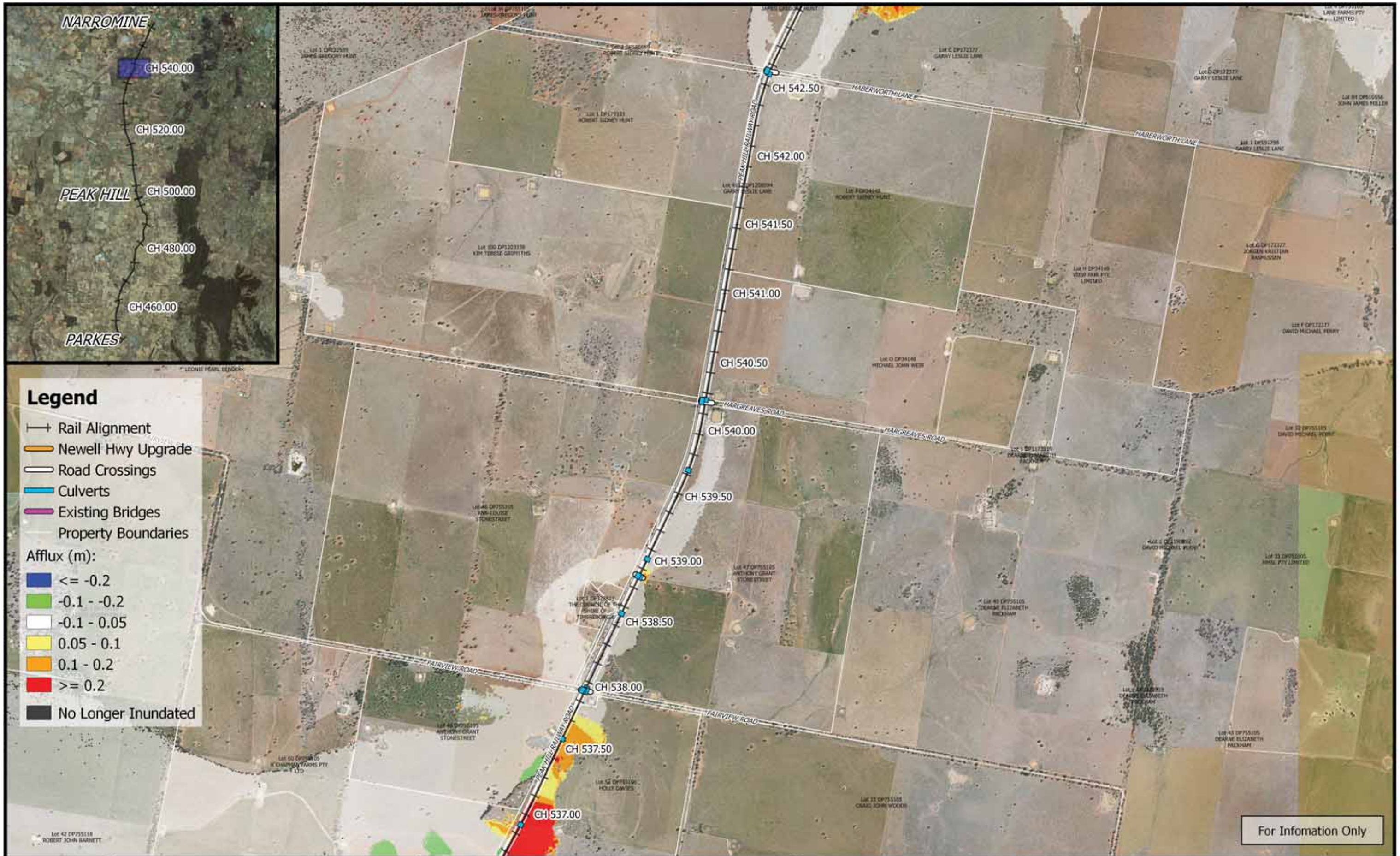
Rev: B - For Information Only

Prepared By: YeohM

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

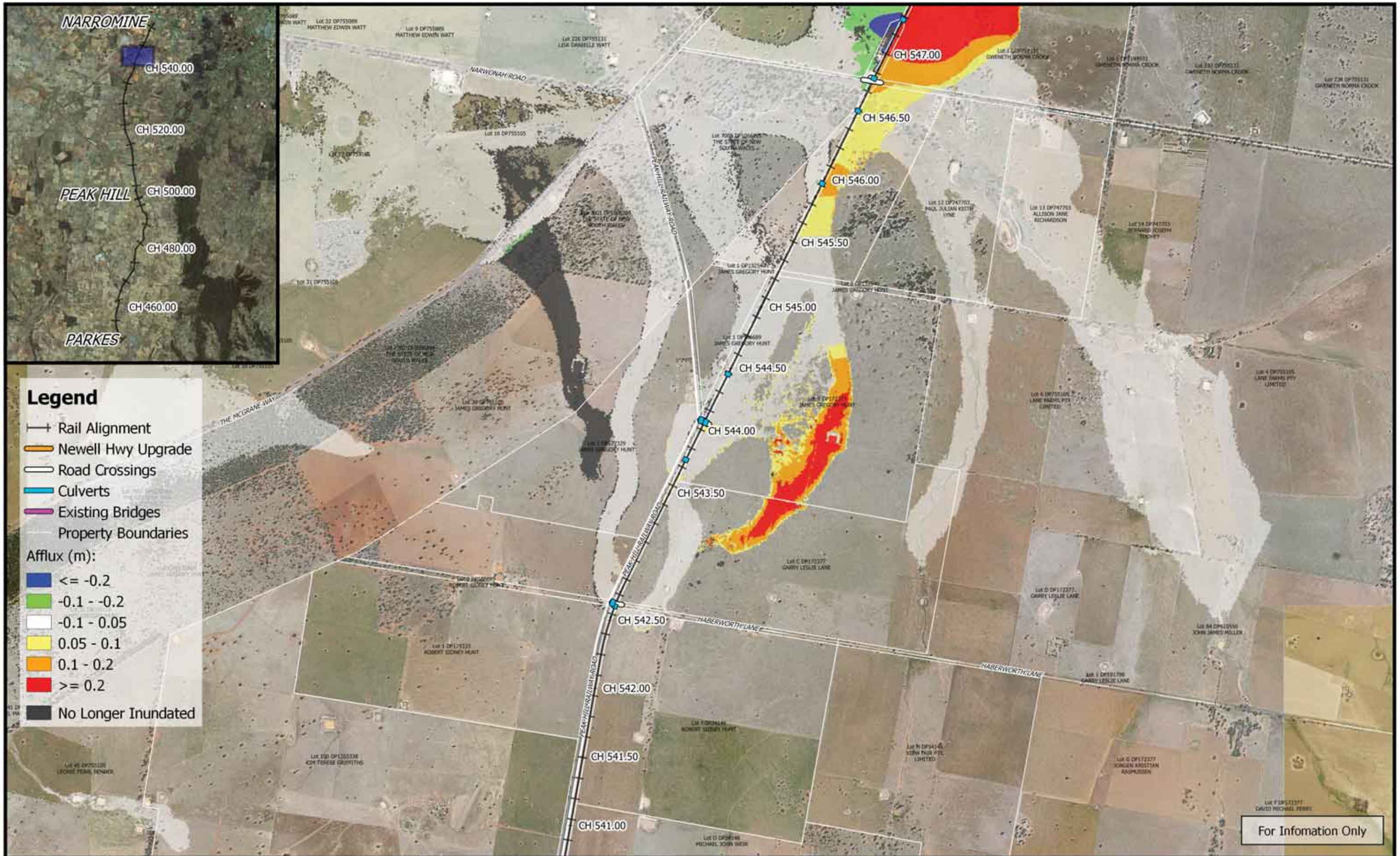
**Figure D0.05A22**  
0.05% AEP Flood Afflux - CH 535.00







	<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: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A23</b> 0.05% AEP Flood Afflux - CH 540.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	

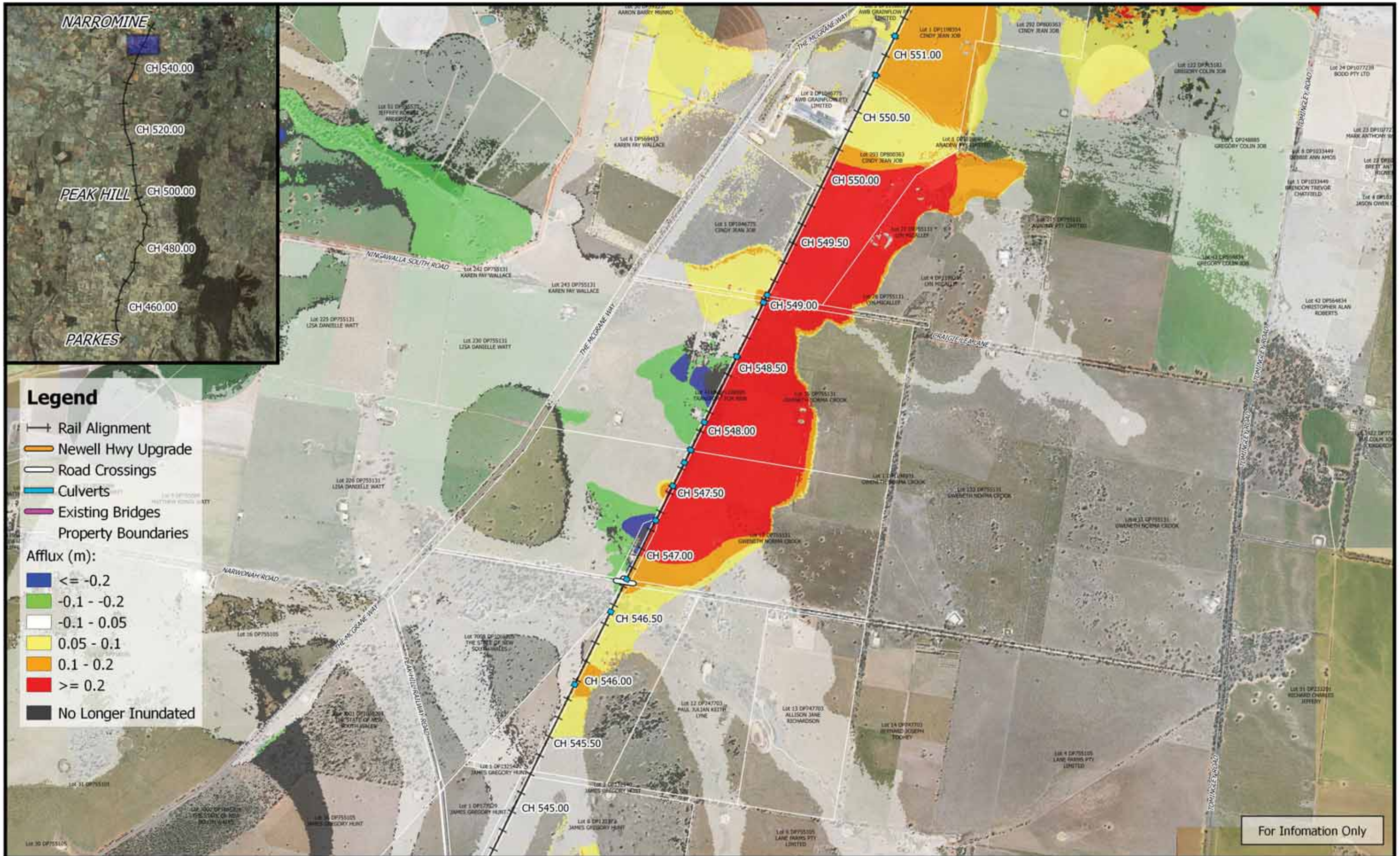






For Information Only

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			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: 26/3/2019	<p><b>Inland Rail - Parkes to Narromine</b> IFC - Cross Drainage Flood Impact Assessment Results</p> <p><b>Figure D0.05A25</b> 0.05% AEP Flood Afflux - CH 550.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	