

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

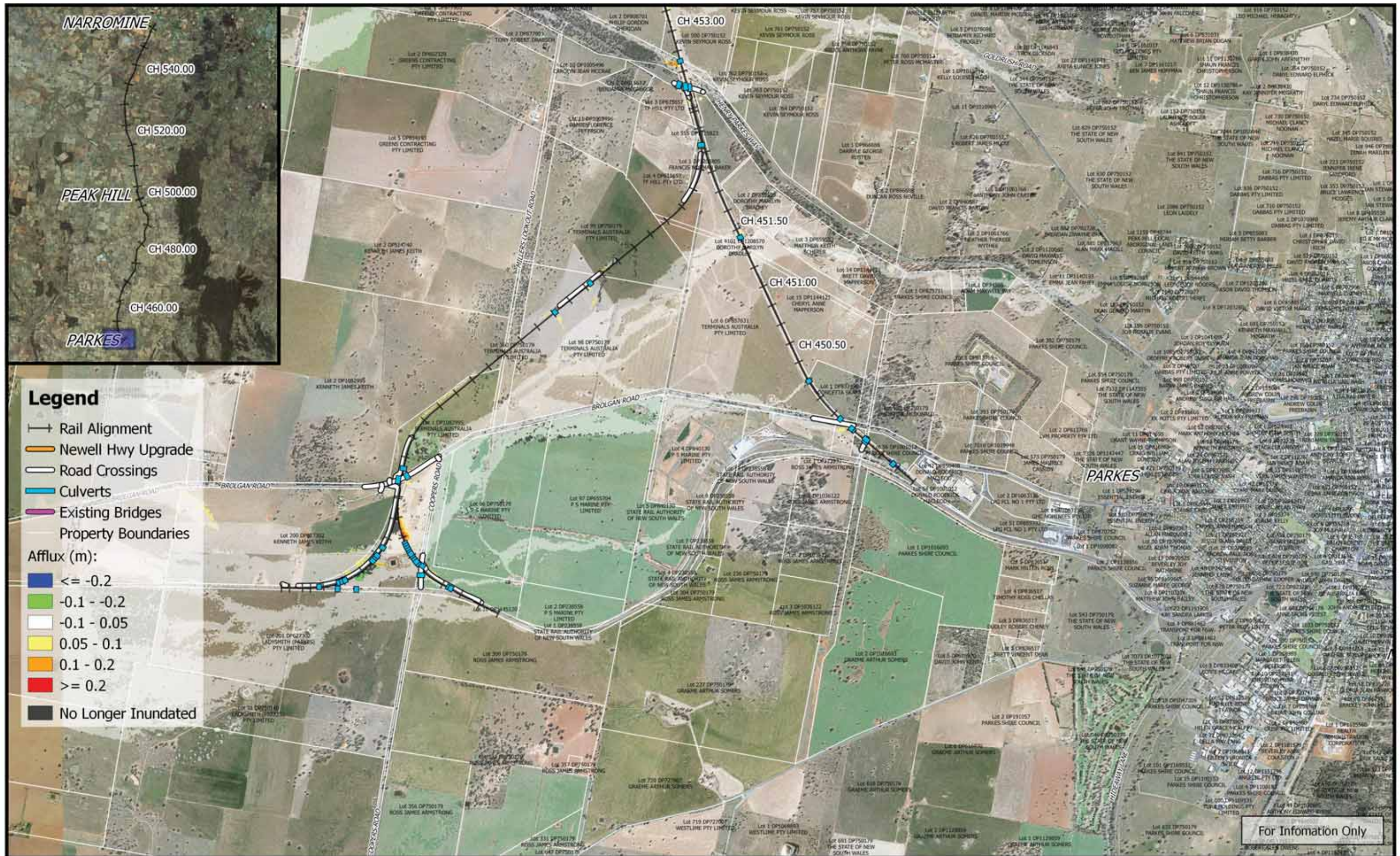
B09 – Flood Duration Change 18% AEP

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: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A1 18% AEP Flood Afflux - CH 450.00</p>
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			Prepared By: YeohM	



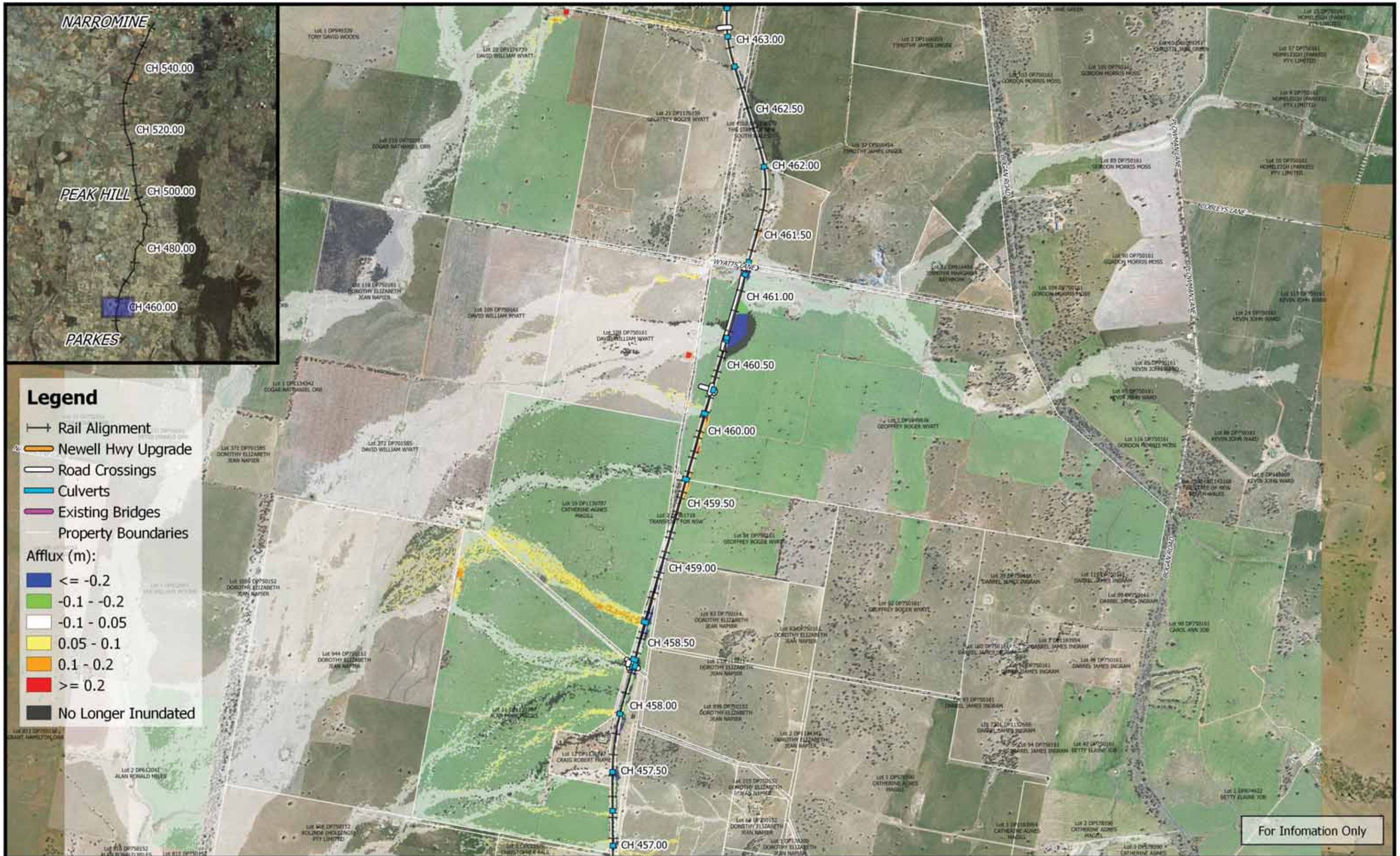
Legend

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


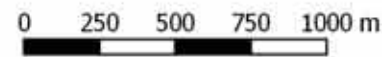

- Afflux (m):**
- ≤ -0.2
 - $-0.1 - -0.2$
 - $-0.1 - 0.05$
 - $0.05 - 0.1$
 - $0.1 - 0.2$
 - ≥ 0.2
 - No Longer Inundated

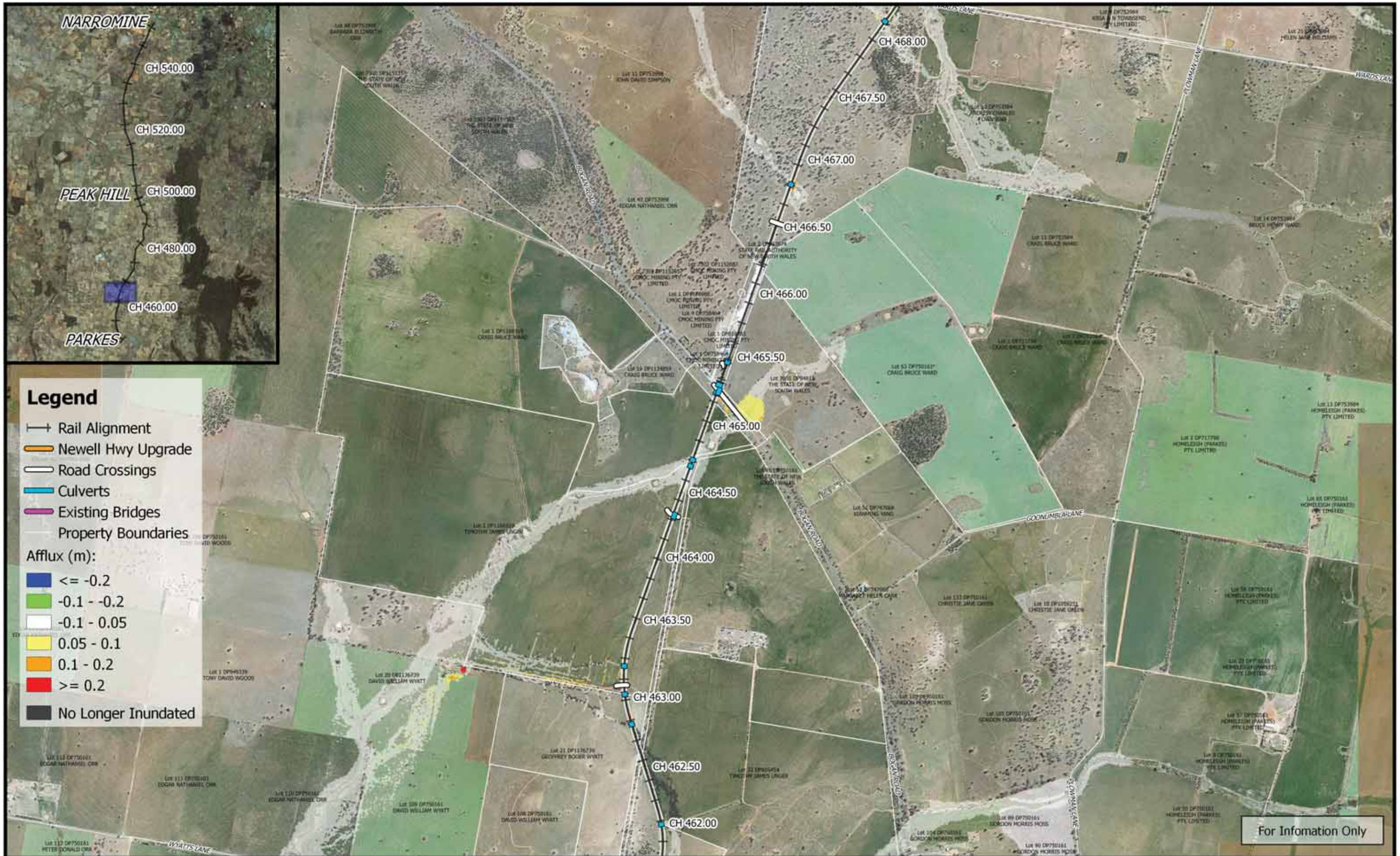
For Information Only

	<p>1:25,000</p>		Date: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A2 18% AEP Flood Afflux - CH 455.00</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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	 1:25,000 Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3		Date: 25/3/2019	Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results Figure D18A3 18% AEP Flood Afflux - CH 460.00
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			Prepared By: YeohM	



Legend

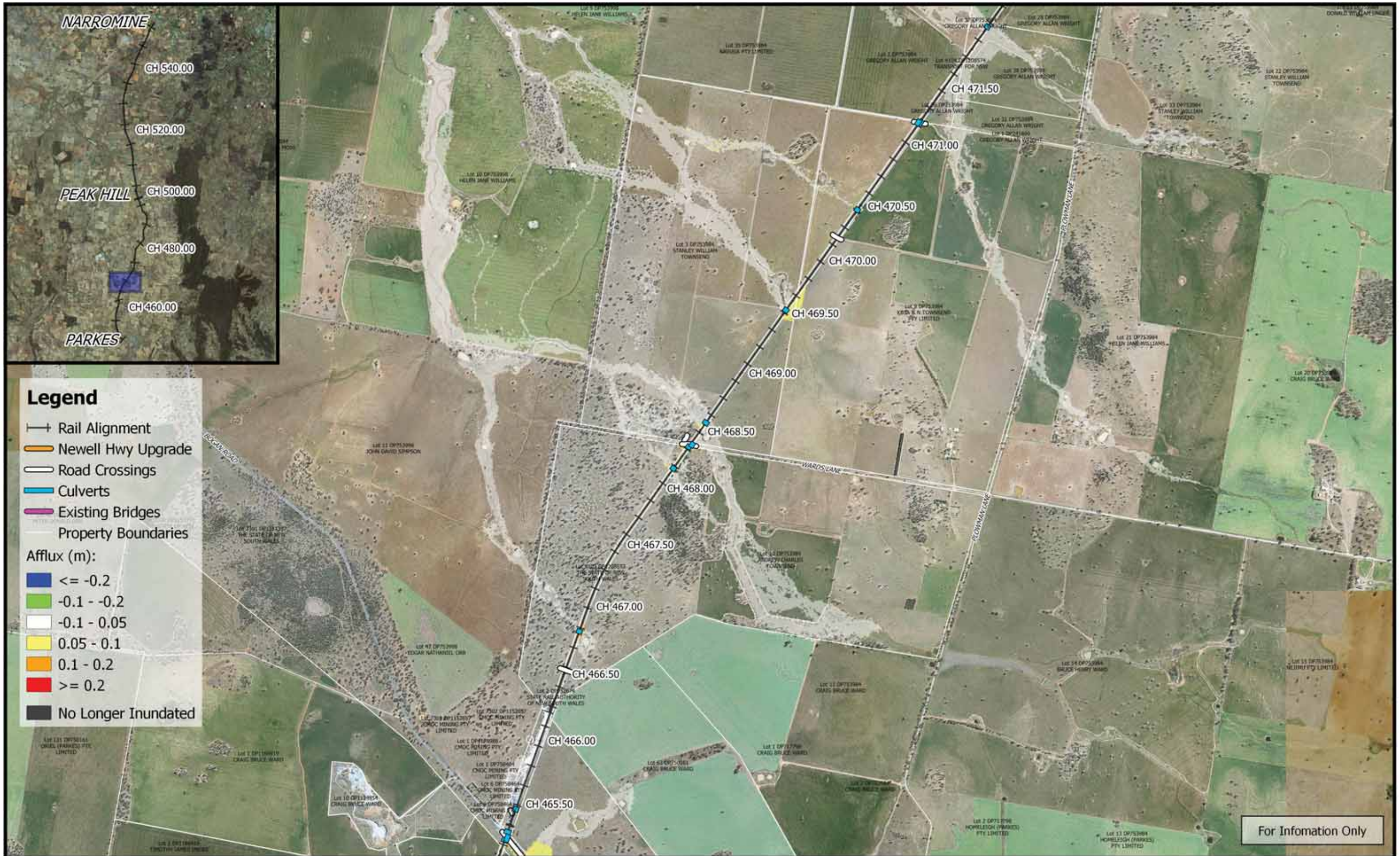
- Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

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>		Date: 25/3/2019	<p style="text-align: center;">Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p style="text-align: center;">Figure D18A4 18% AEP Flood Afflux - CH 465.00</p>
	1:25,000		Rev: B - For Information Only	
	<p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		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

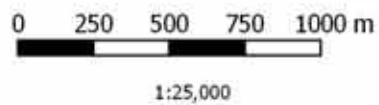
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	Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3		Rev: B - For Information Only		
			Prepared By: YeohM		



Legend

- Rail Alignment
- Newell Hwy Upgrade
- 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



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



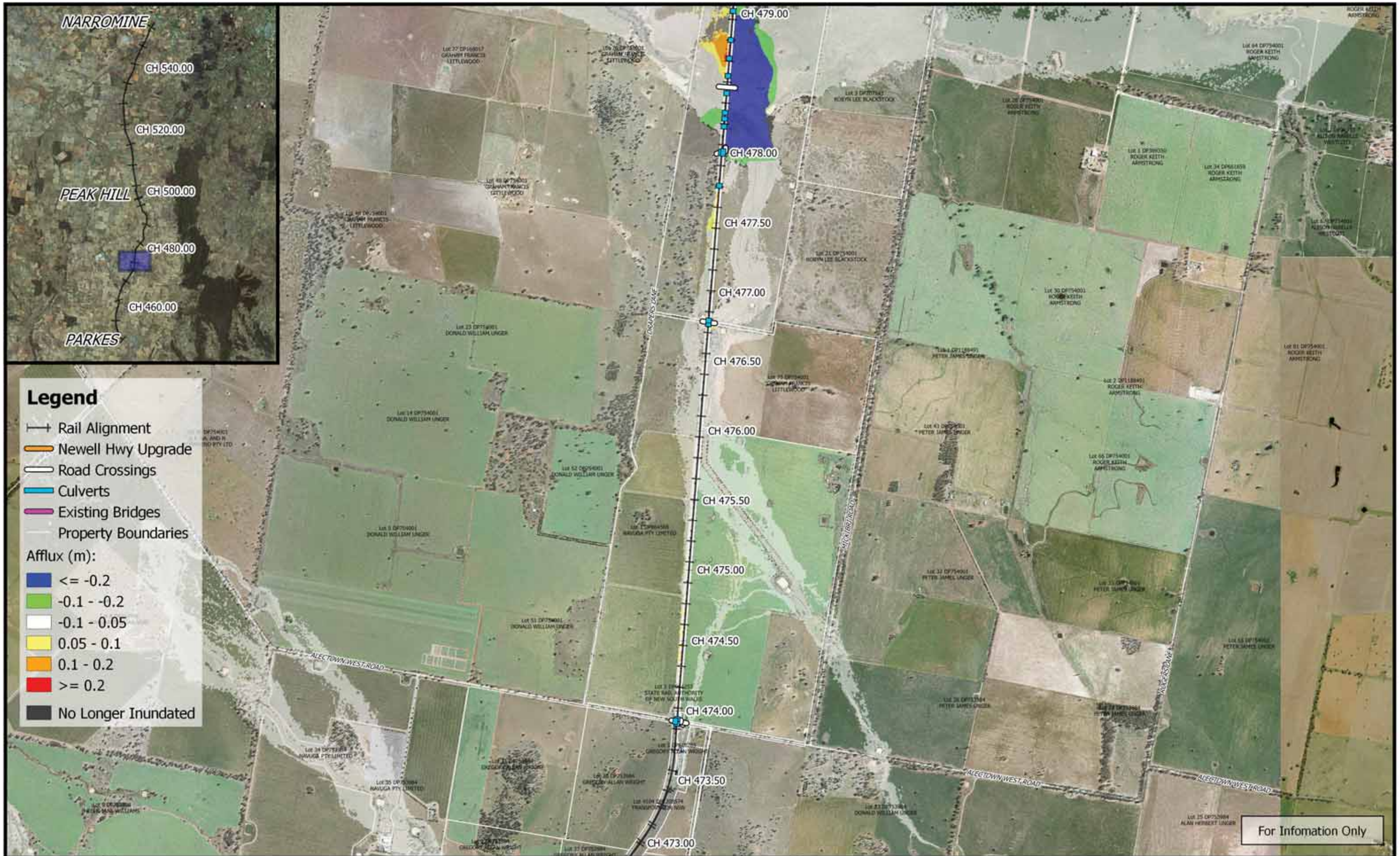
Date: 25/3/2019

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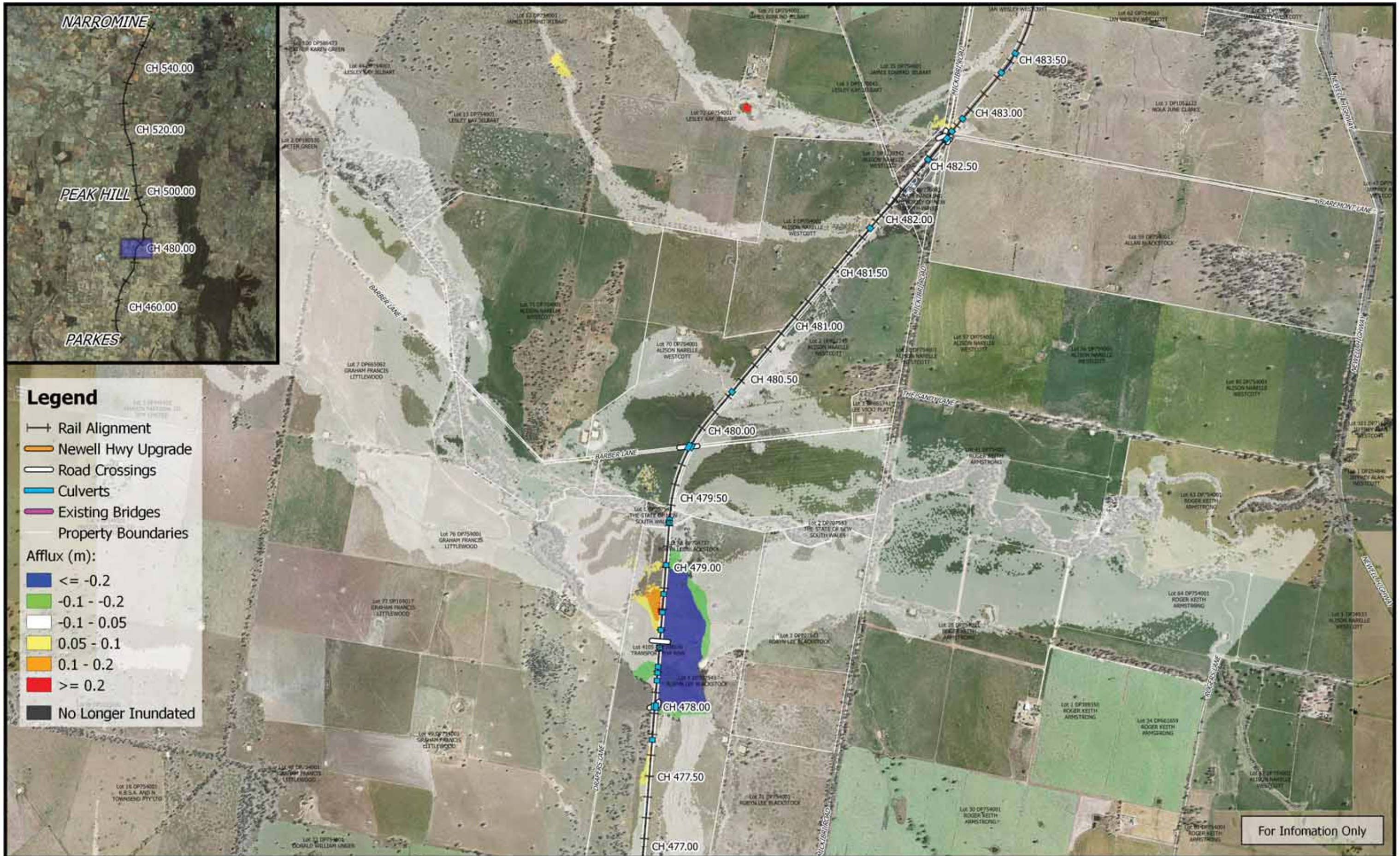
Inland Rail - Parkes to Narromine
 IFC - Cross Drainage Flood Impact Assessment Results

Figure D18A6
 18% AEP Flood Afflux - CH 472.00



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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: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A7 18% AEP Flood Afflux - CH 475.00</p>
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			Prepared By: YeohM	



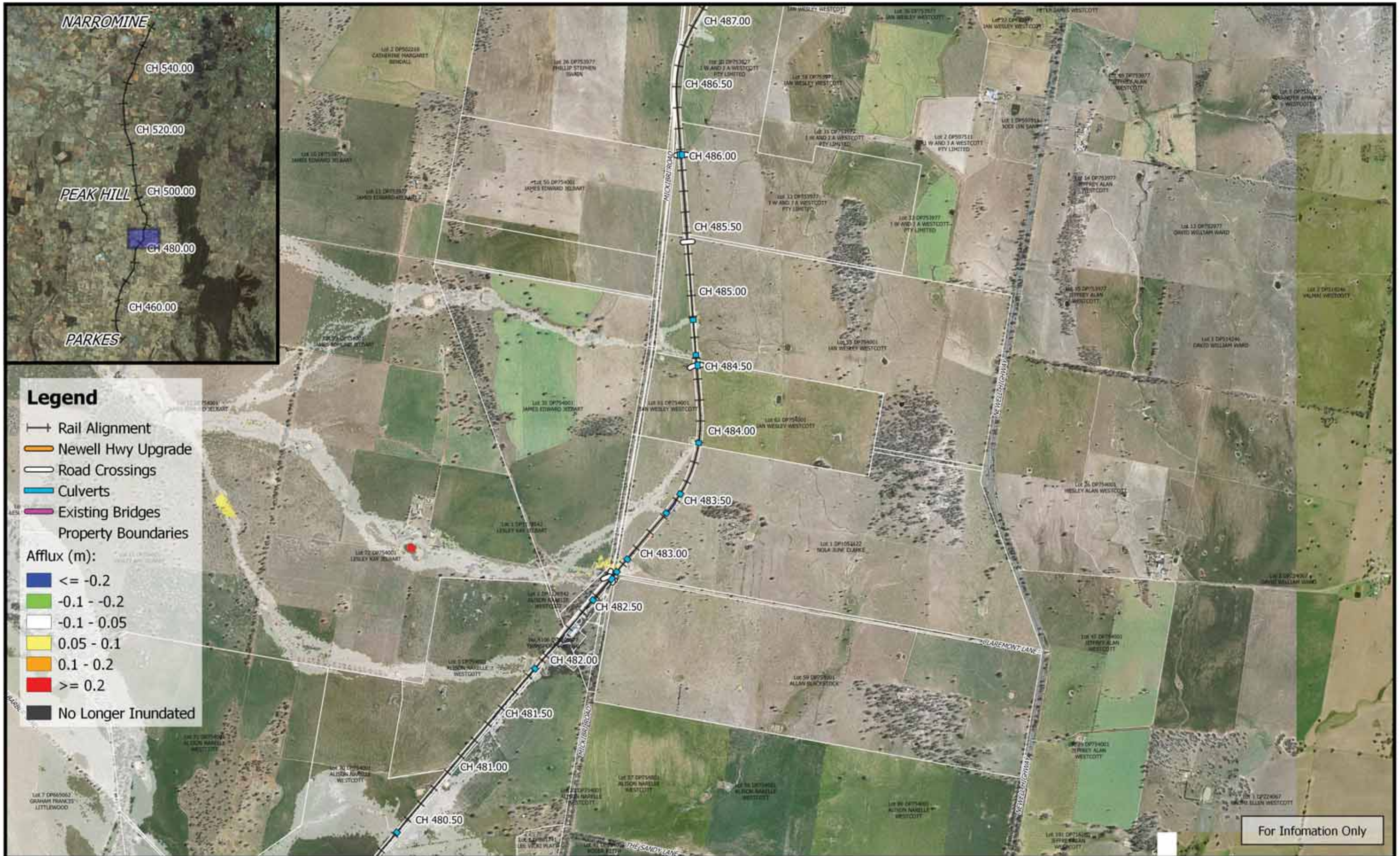
Legend

- 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

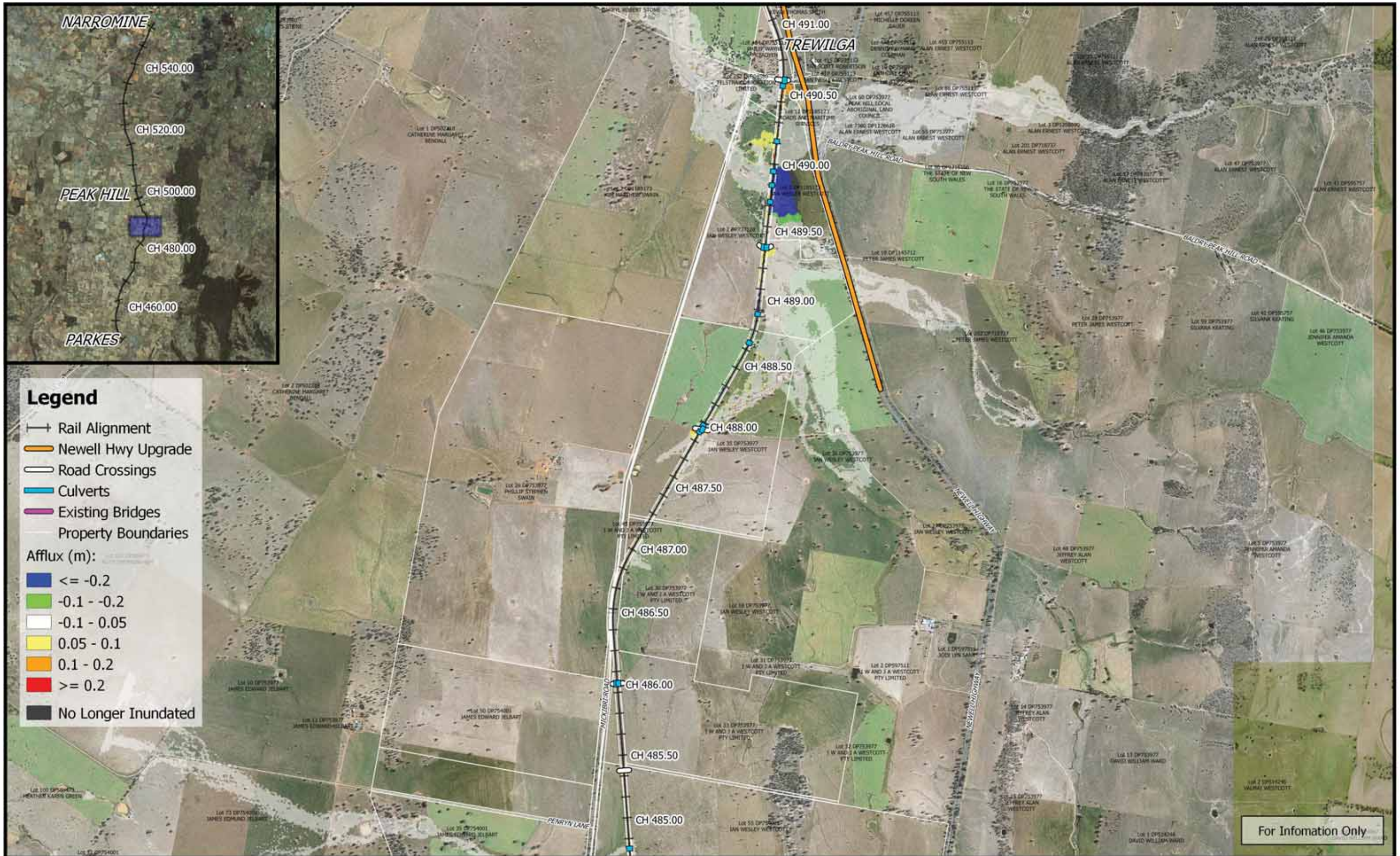
For Information Only

	<p>1:25,000</p>		Date: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A8 18% 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		

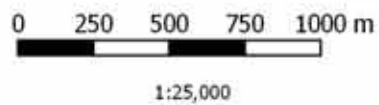


For Information Only

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



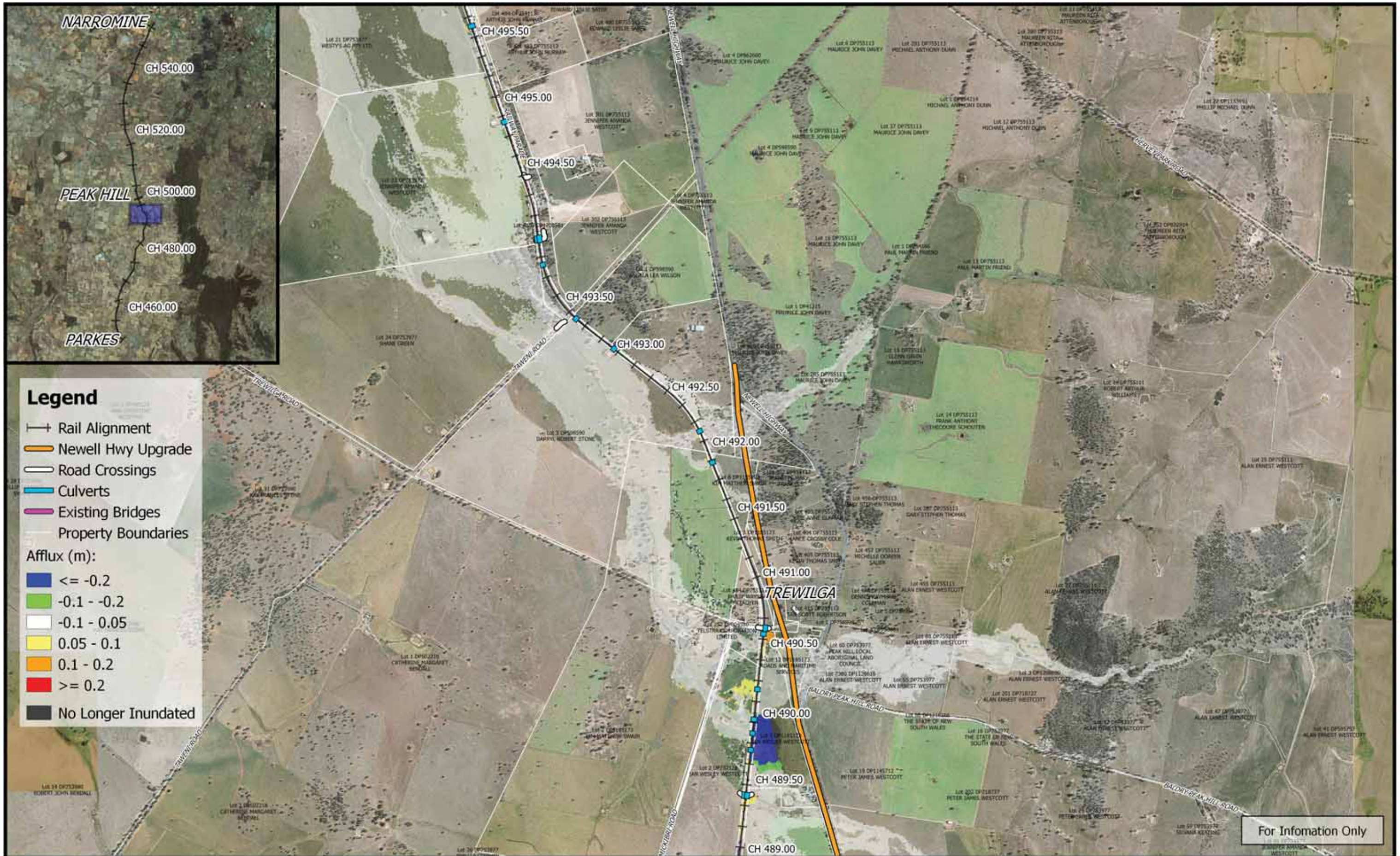
Date: 25/3/2019

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

Figure D18A10
 18% AEP Flood Afflux - CH 490.00



Legend

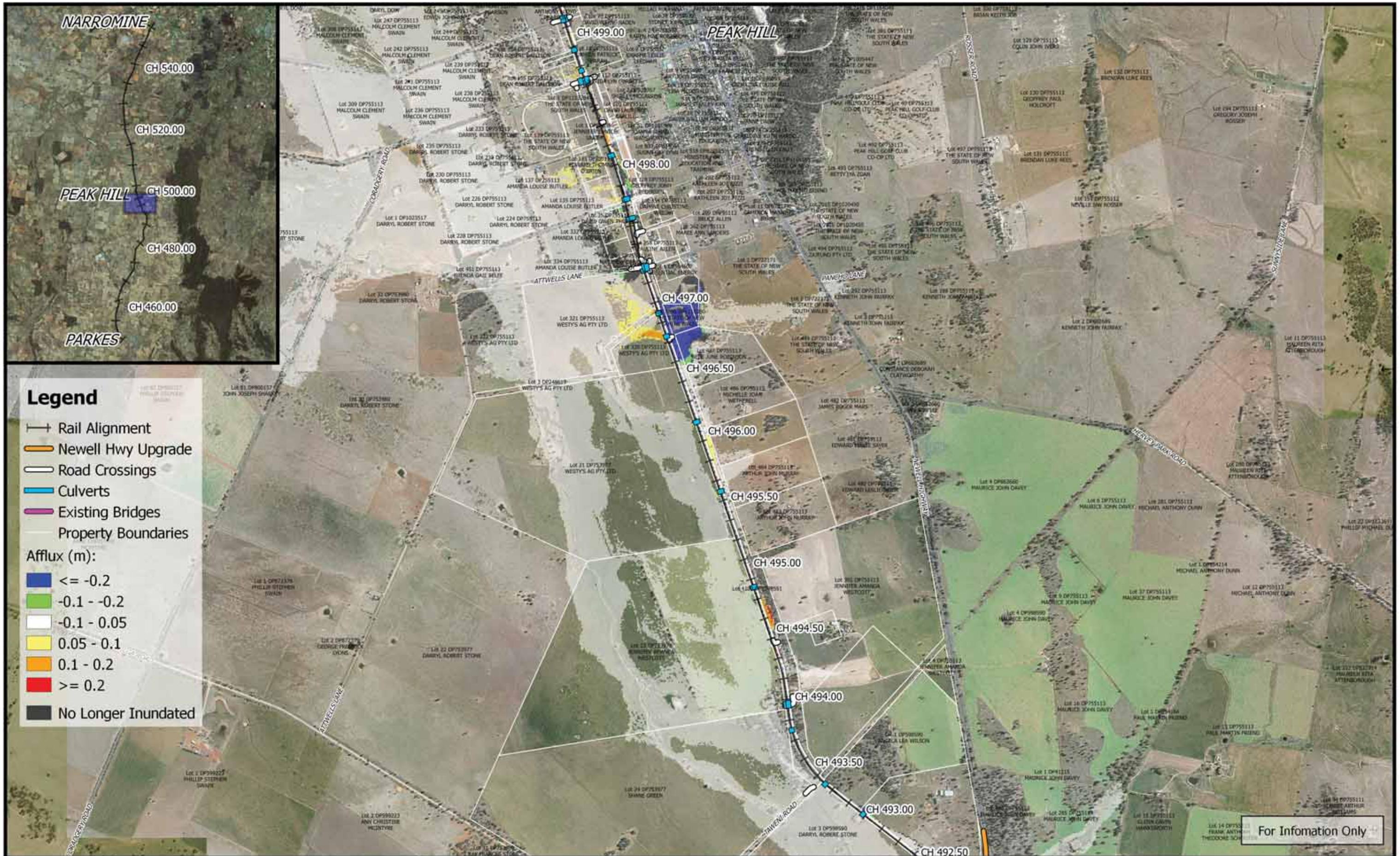
- +— Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

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: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A11 18% AEP Flood Afflux - CH 492.00</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



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



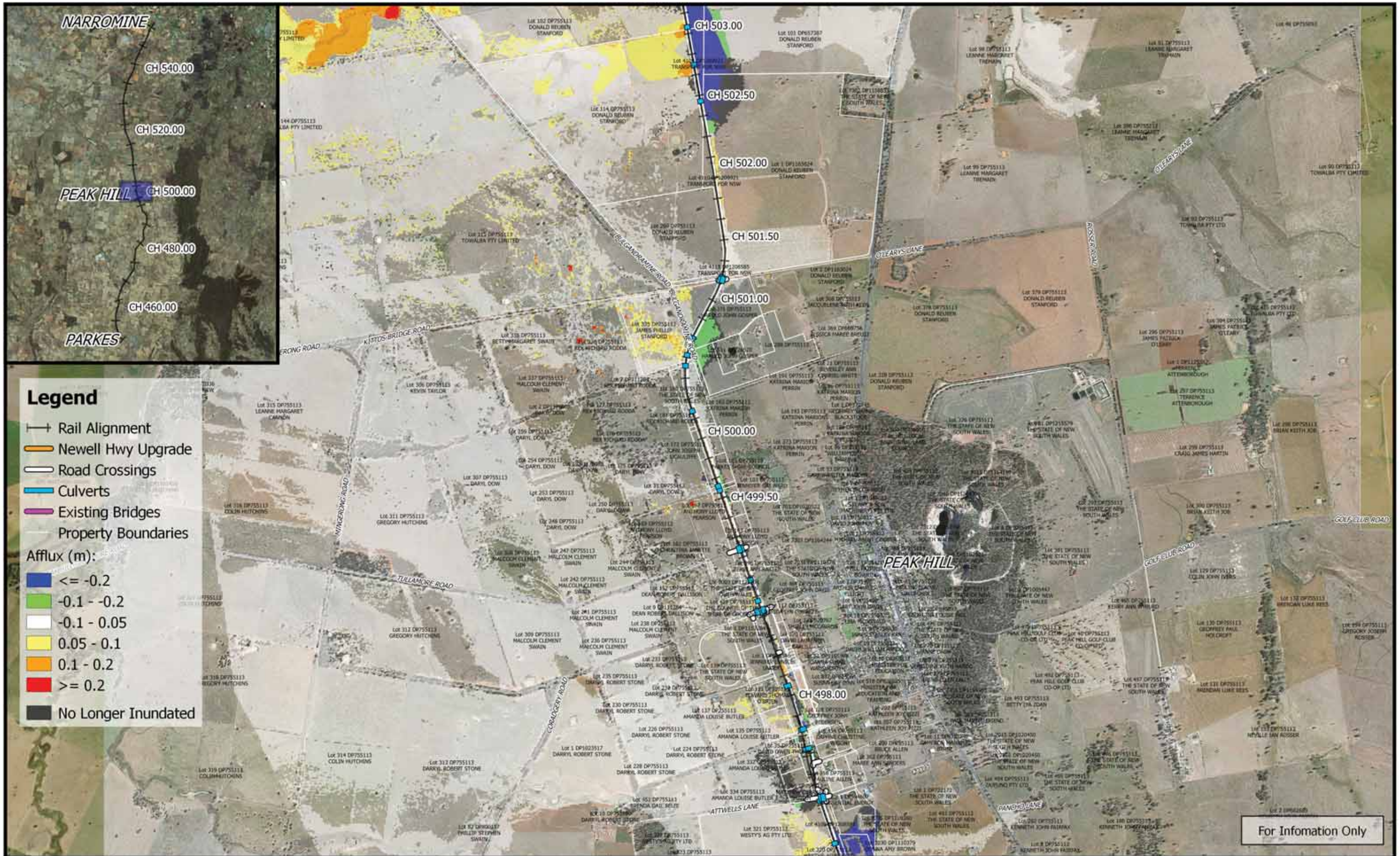
Date: 25/3/2019

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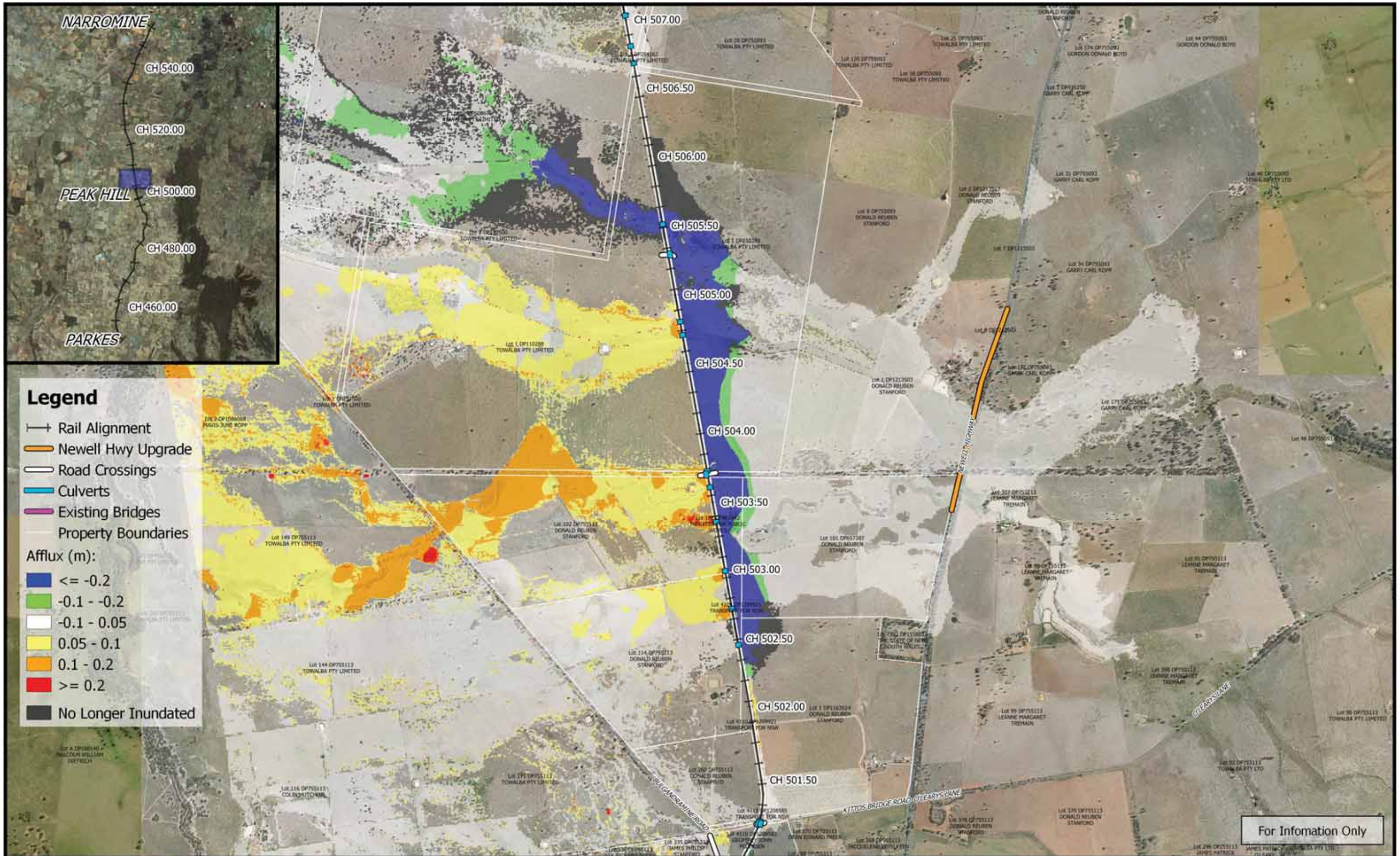
Inland Rail - Parkes to Narromine
 IFC - Cross Drainage Flood Impact Assessment Results

Figure D18A12
 18% AEP Flood Afflux - CH 495.00



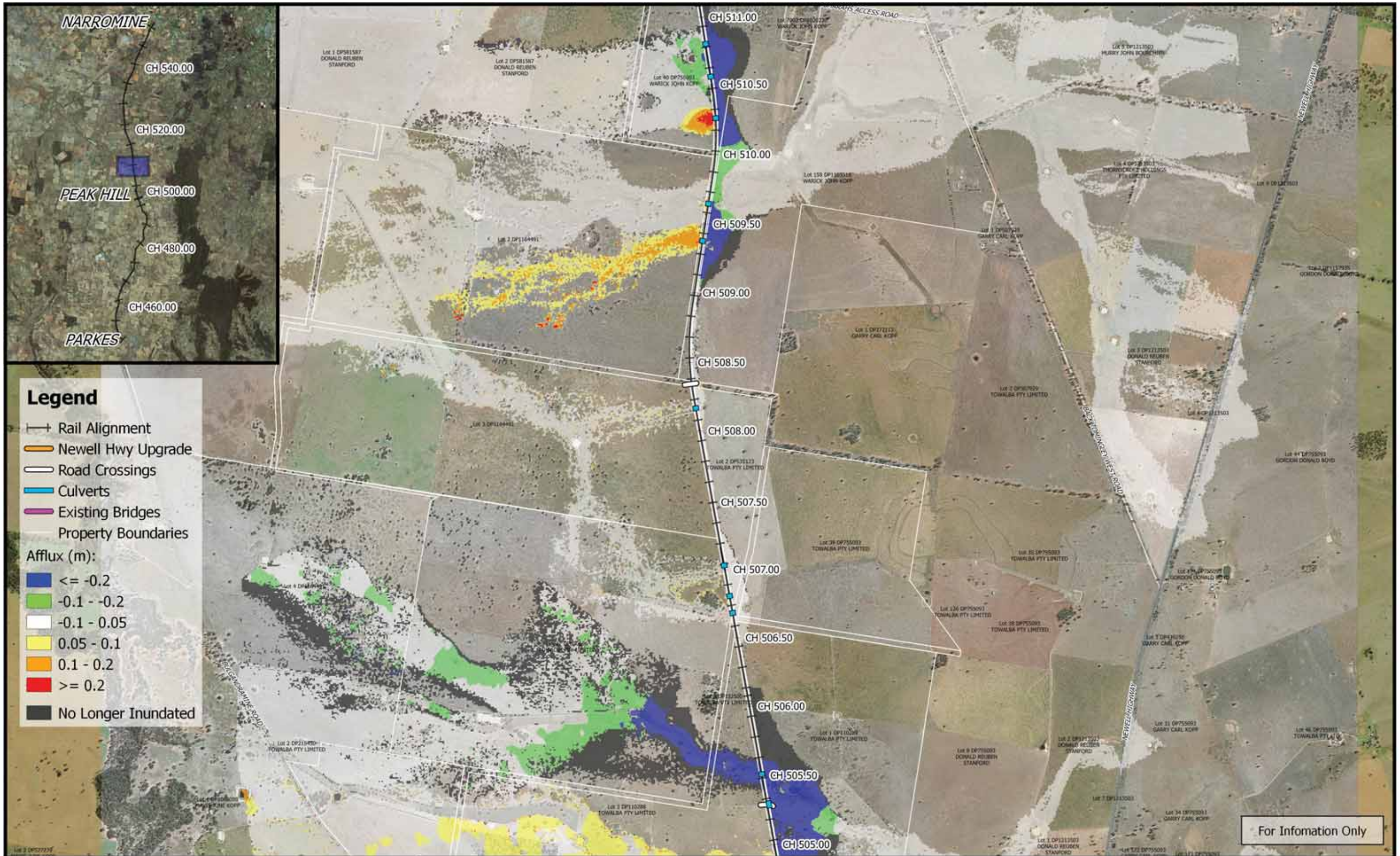
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	Prepared By: YeohM			

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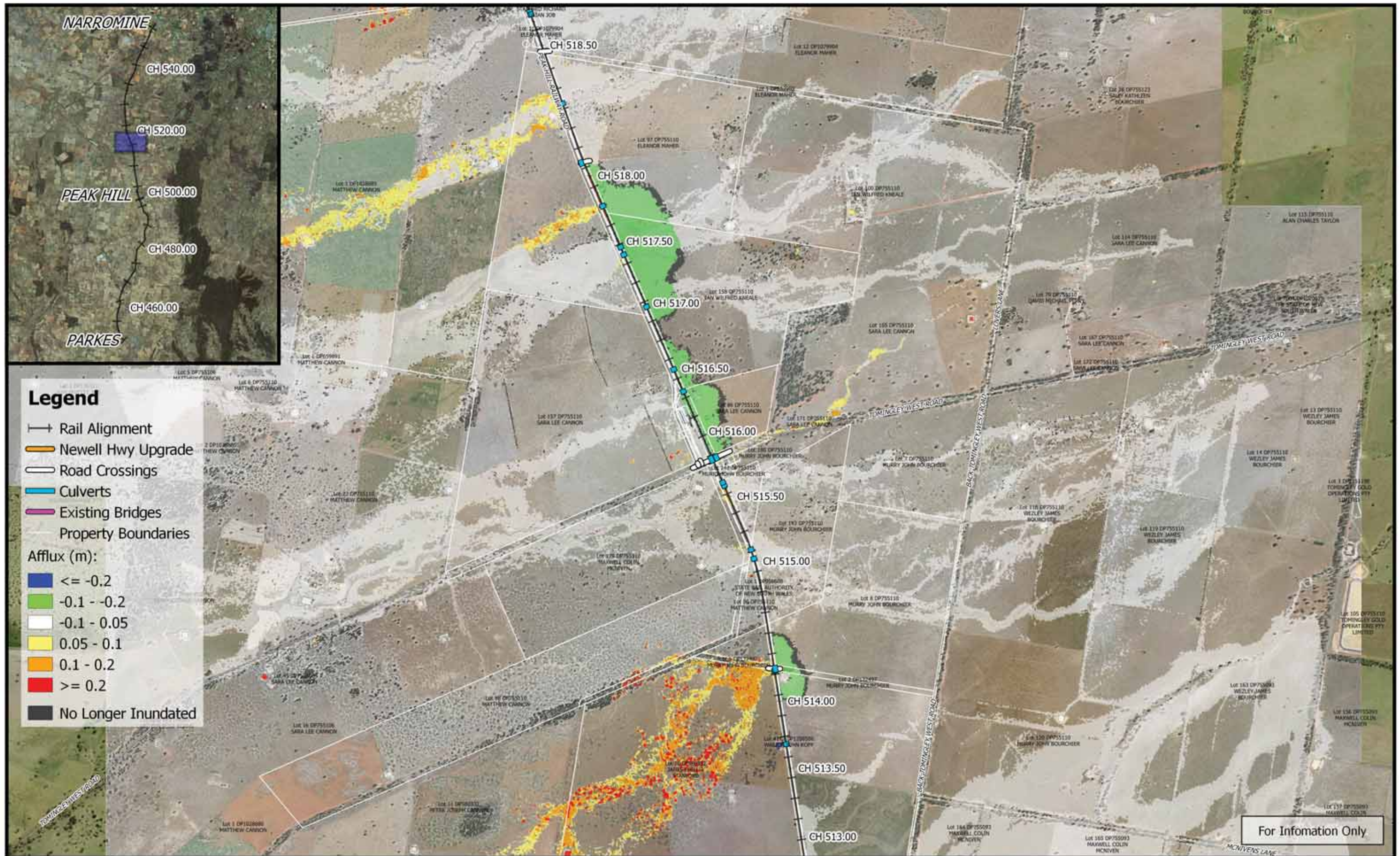


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	<p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A14 18% AEP Flood Afflux - CH 505.00</p>
	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: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A15 18% AEP Flood Afflux - CH 510.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	



Legend

- Rail Alignment
- Newell Hwy Upgrade
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- Property Boundaries

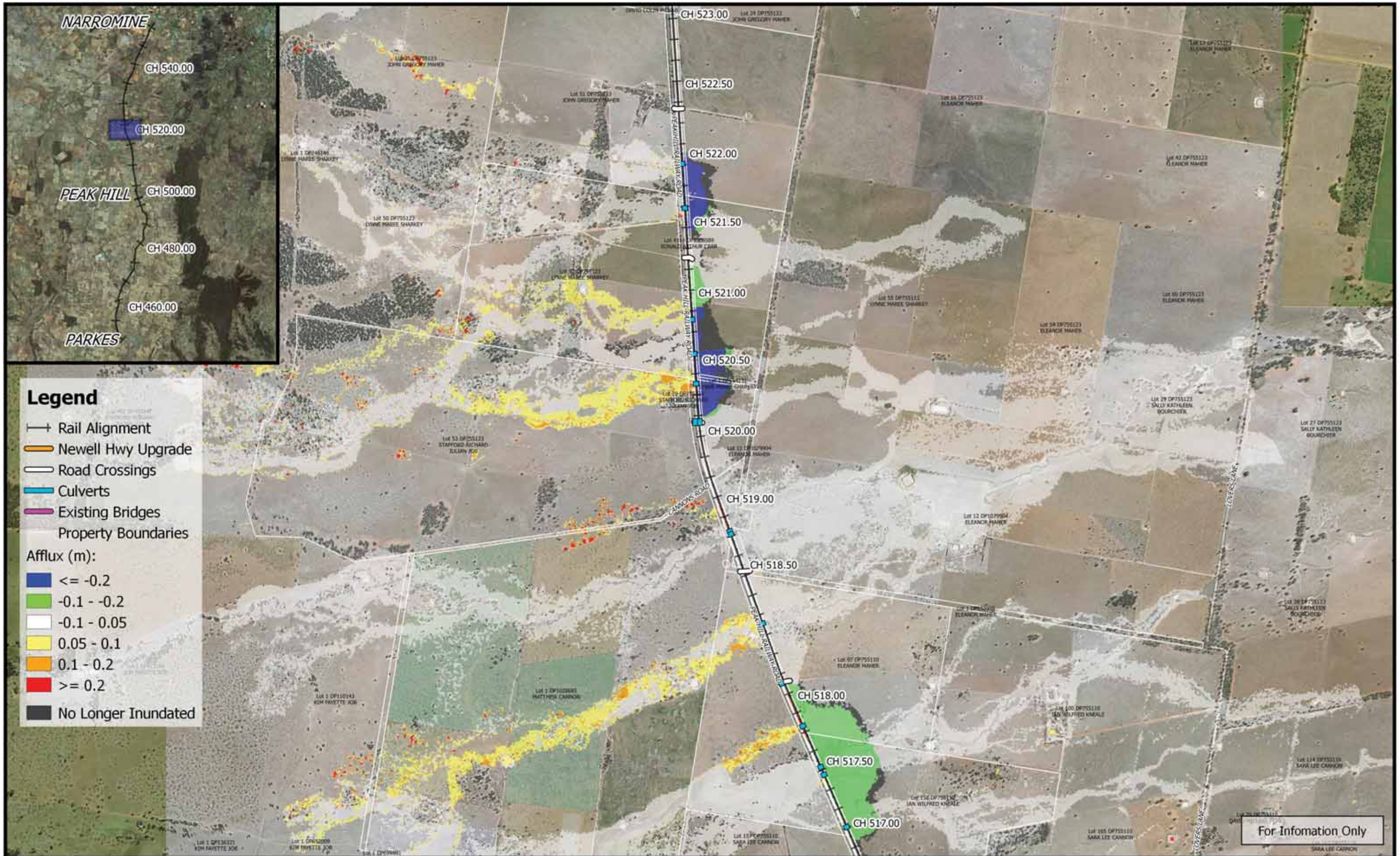
Afflux (m):

- ≤ -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 style="text-align: center;">Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p style="text-align: center;">Figure D18A17 18% AEP Flood Afflux - CH 515.00</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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Legend

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

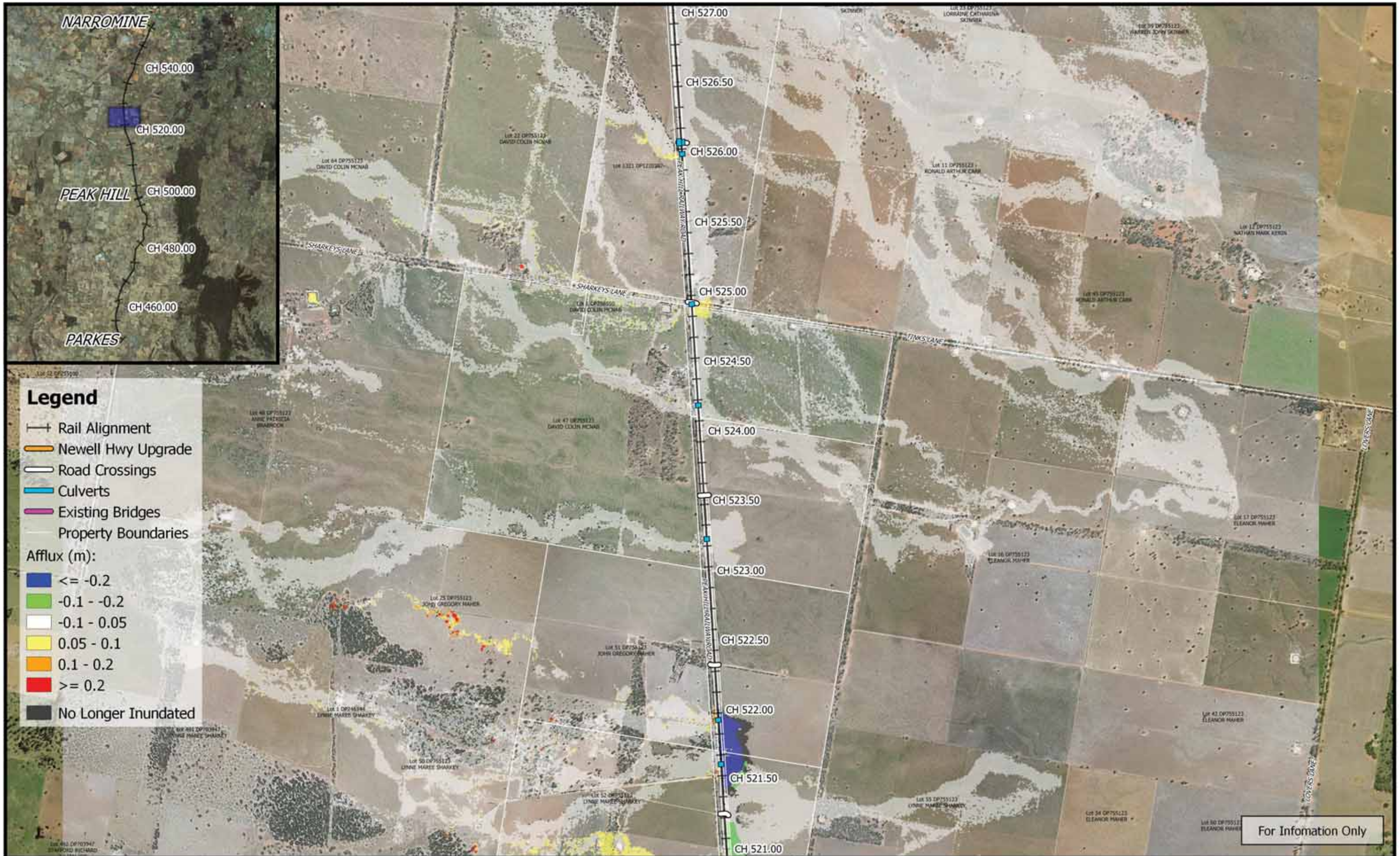
Afflux (m):

- 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

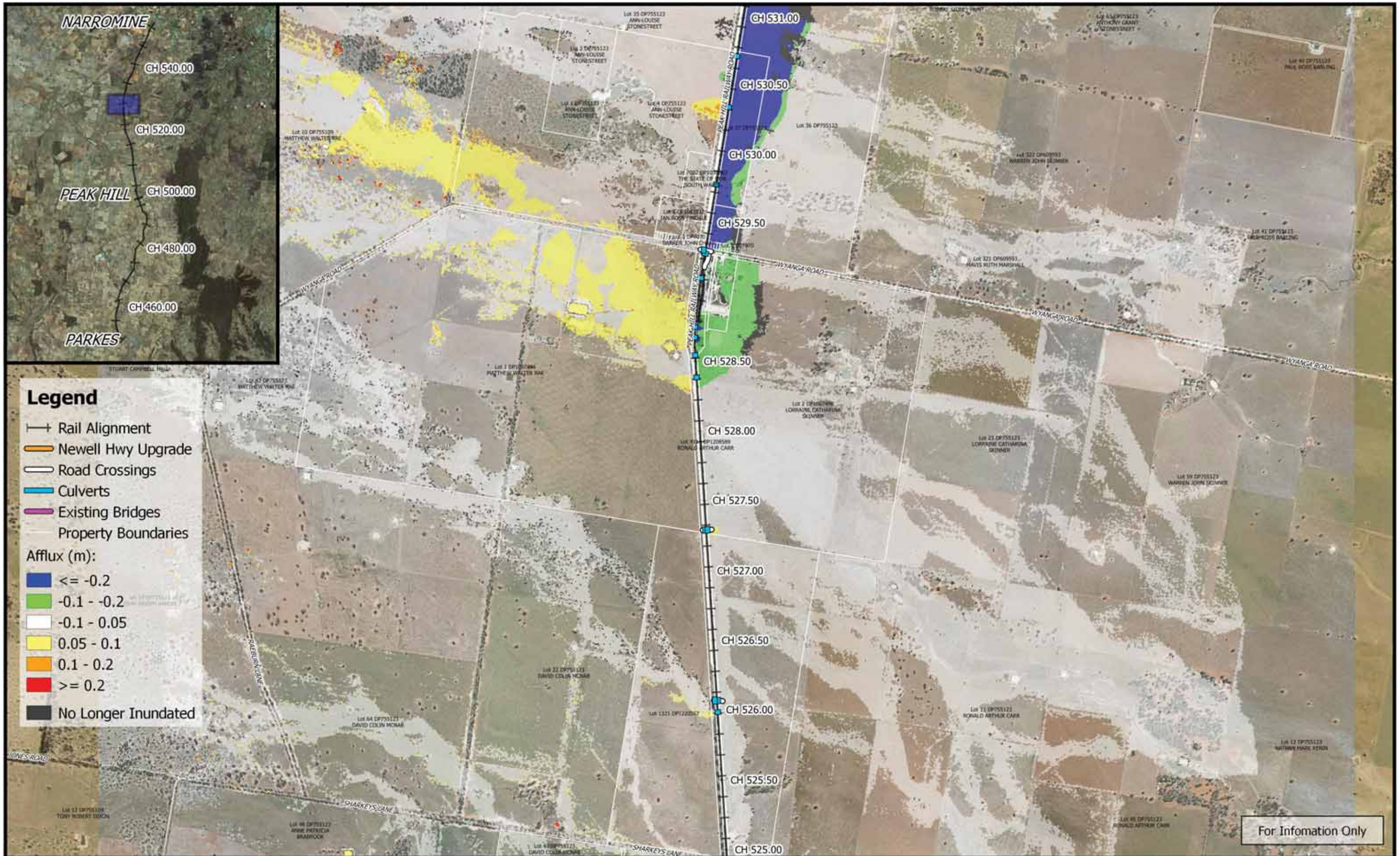
For Information Only

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	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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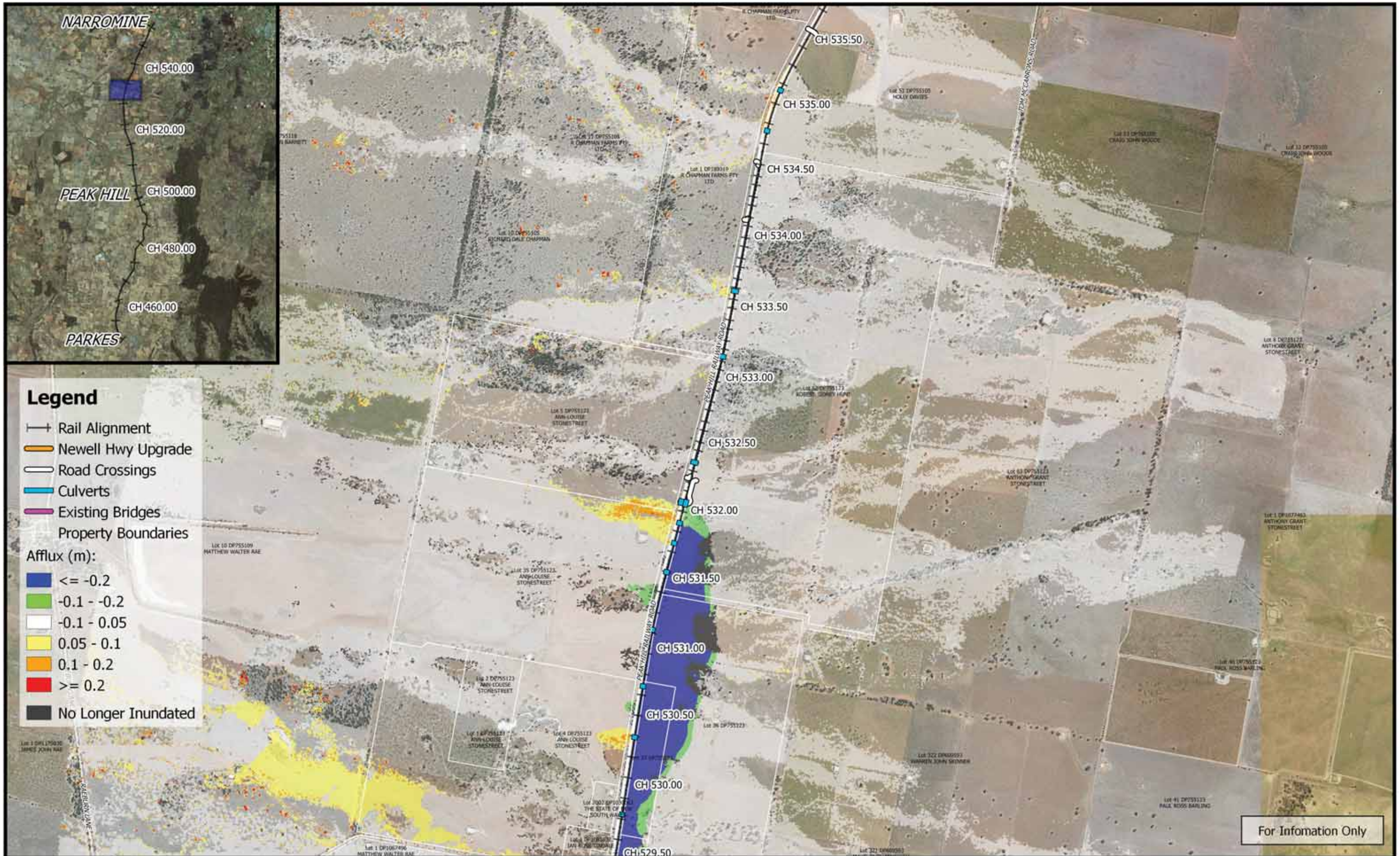


	<p>0 250 500 750 1000 m</p> <p>1:25,000</p> <p>Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3</p>		Date: 25/3/2019	<p align="center">Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p align="right">Figure D18A19 18% AEP Flood Afflux - CH 525.00</p>
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			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: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A20 18% AEP Flood Afflux - CH 530.00</p>
			Rev: B - For Information Only	
			Prepared By: YeohM	



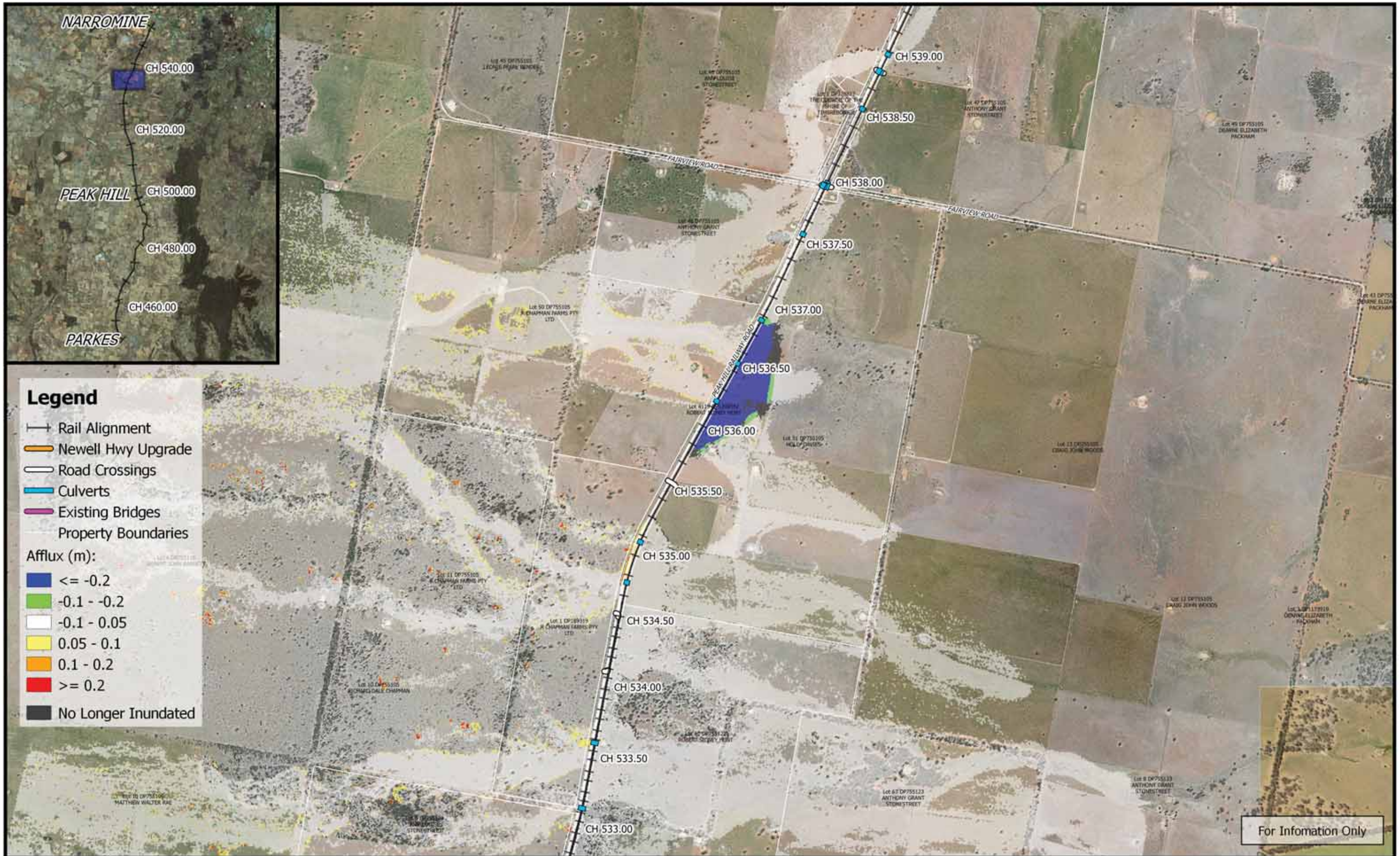
Legend


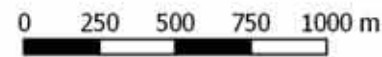


- +— Rail Alignment
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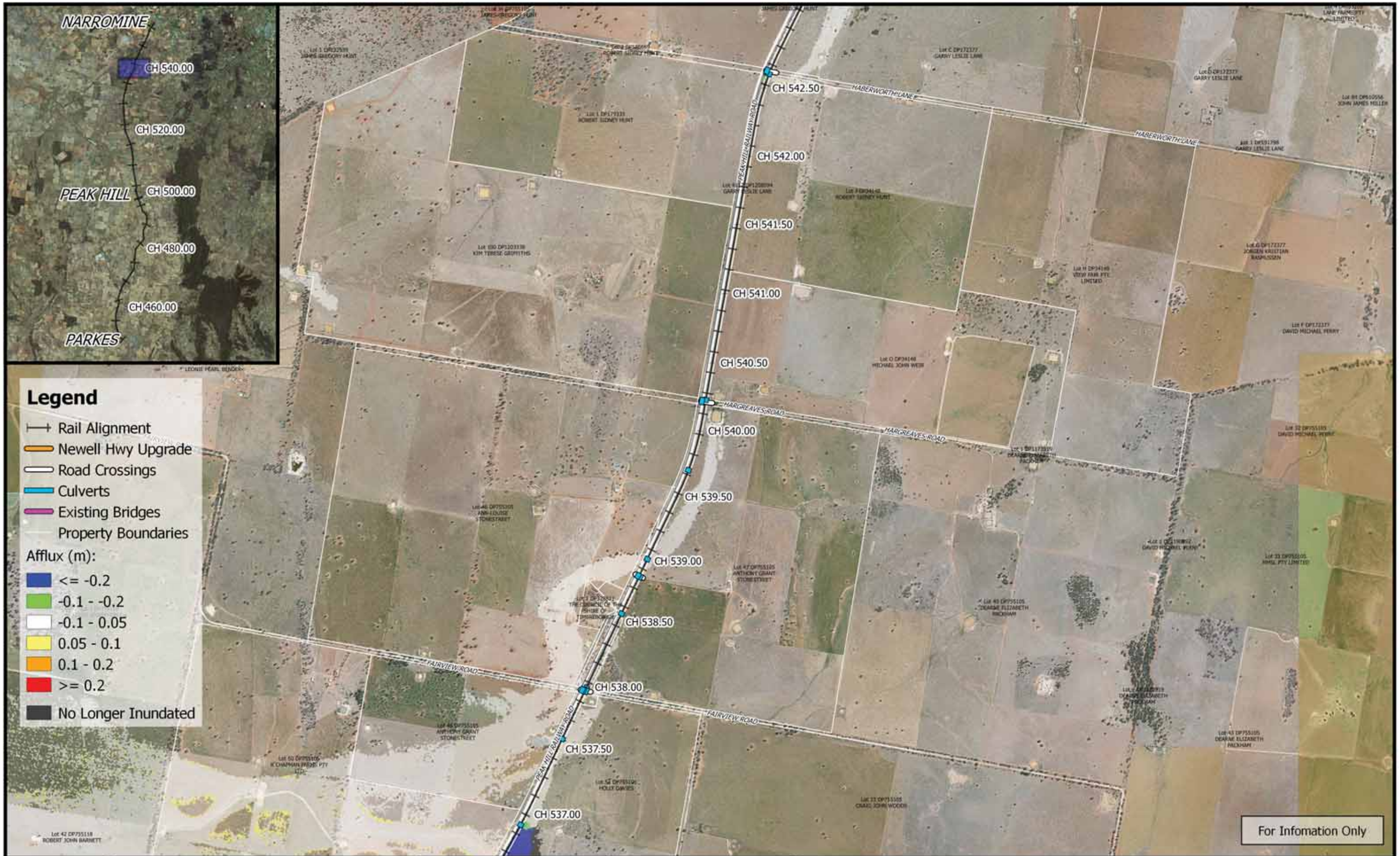
- Afflux (m):
- Blue: ≤ -0.2
 - Green: $-0.1 - -0.2$
 - White: $-0.1 - 0.05$
 - Yellow: $0.05 - 0.1$
 - Orange: $0.1 - 0.2$
 - Red: ≥ 0.2
 - Black: No Longer Inundated

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>	<p>M M MOTT MACDONALD</p>	Date: 25/3/2019	<p>Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results</p> <p>Figure D18A21 18% AEP Flood Afflux - CH 533.00</p>
	Rev: B - For Information Only			
	Prepared By: YeohM			

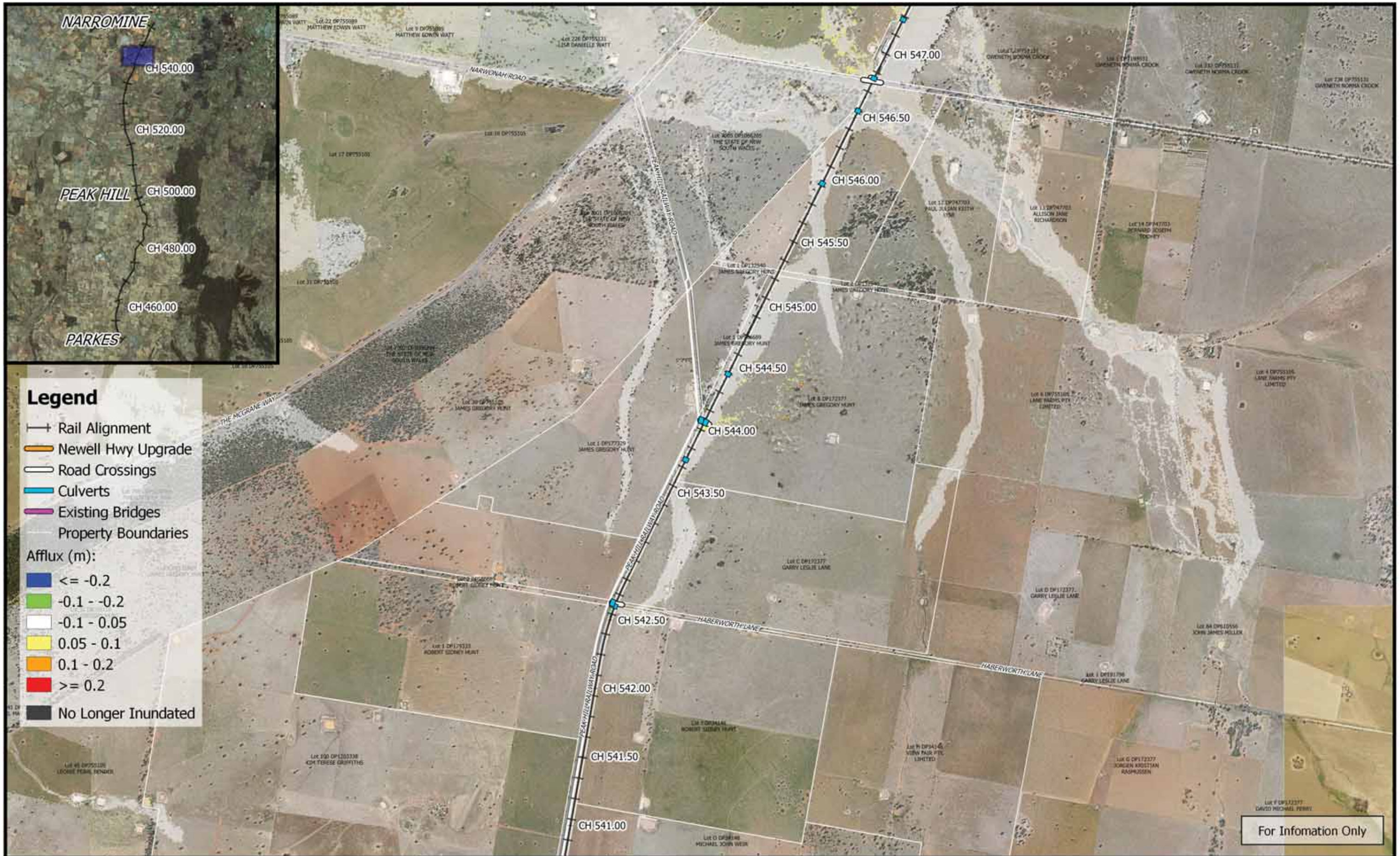


	 1:25,000	 	Date: 25/3/2019	Inland Rail - Parkes to Narromine IFC - Cross Drainage Flood Impact Assessment Results Figure D18A22 18% AEP Flood Afflux - CH 535.00	
	Coordinate system: GDA 1994 MGA Zone 55 Aerial Source: NSW Six Map Scale ratio correct when printed at A3		Rev: B - For Information Only		
			Prepared By: YeohM		



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			Rev: B - For Information Only	
			Prepared By: YeohM	



Legend

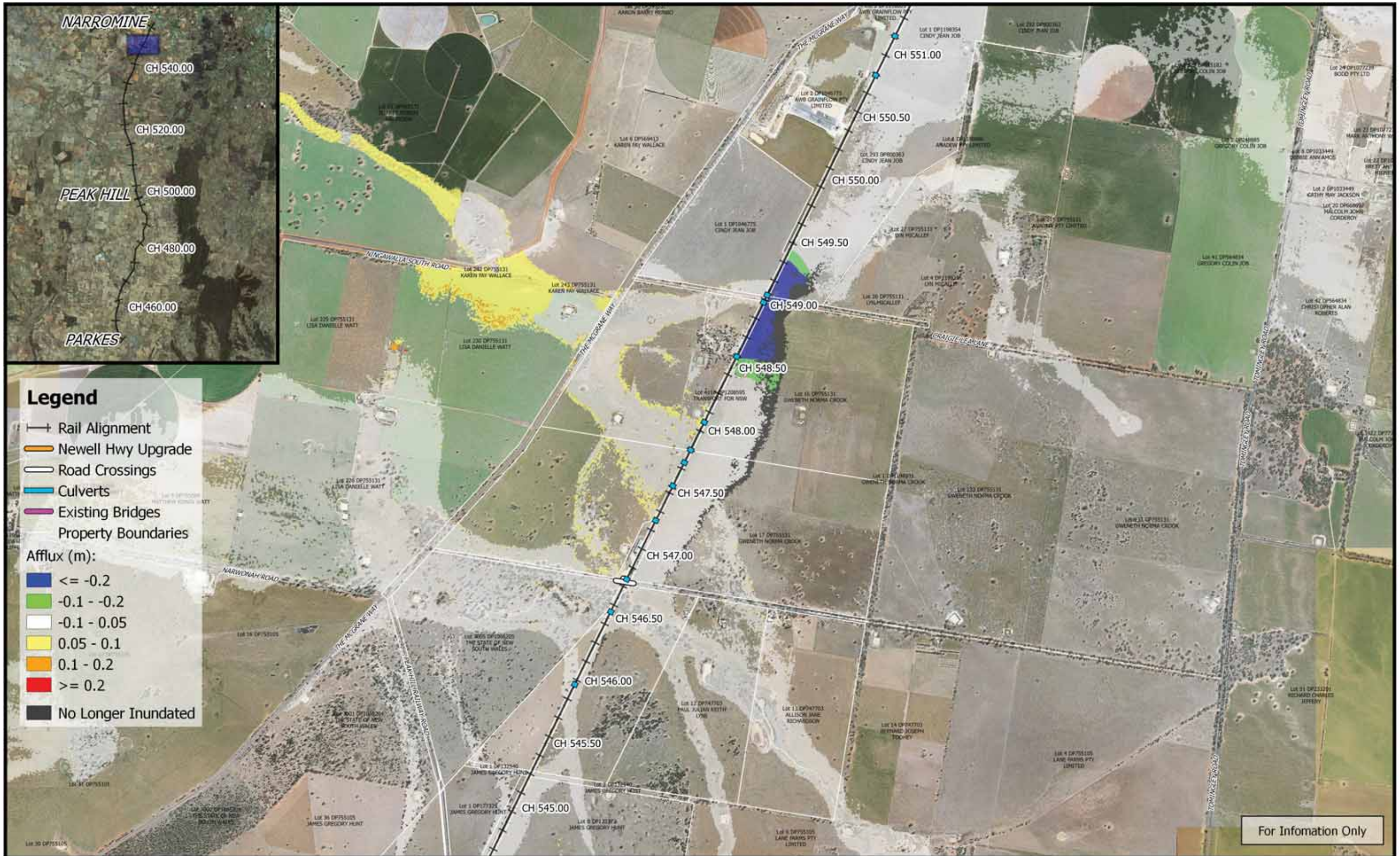
- +— Rail Alignment
- Newell Hwy Upgrade
- Road Crossings
- Culverts
- Existing Bridges
- Property Boundaries

- 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

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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>		<p>Date: 25/3/2019</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 D18A24 18% AEP Flood Afflux - CH 545.00</p>
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			Rev: B - For Information Only	
			Prepared By: YeohM	