

N  
200 0 200 400 600 m  
Scale: 1:20,000

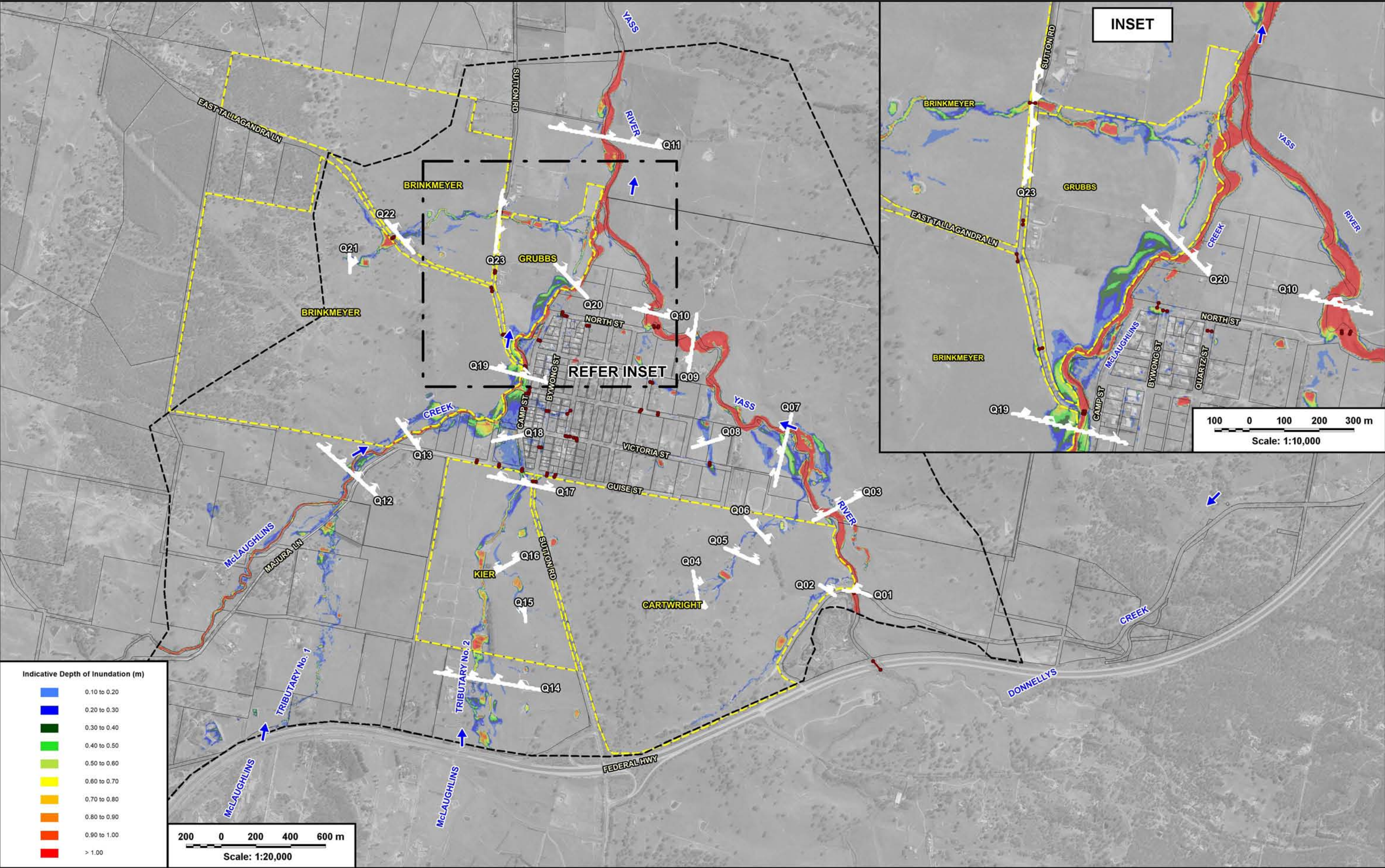
#### LEGEND

- Proposed Development Sites
- Two-Dimensional Model Boundary

#### PROPOSED REZONING AT SUTTON FLOOD IMPACT ASSESSMENT

Figure 1





**NOTE:**  
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 5 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.  
Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

- LEGEND**
- Proposed Development Sites
  - Two-Dimensional Model Boundary
  - Modelled Stormwater Drainage Network
  - Peak Flow Location and Identifier

**PROPOSED REZONING AT SUTTON  
FLOOD IMPACT ASSESSMENT**

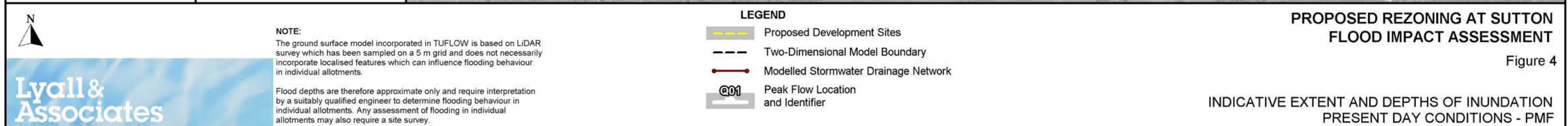
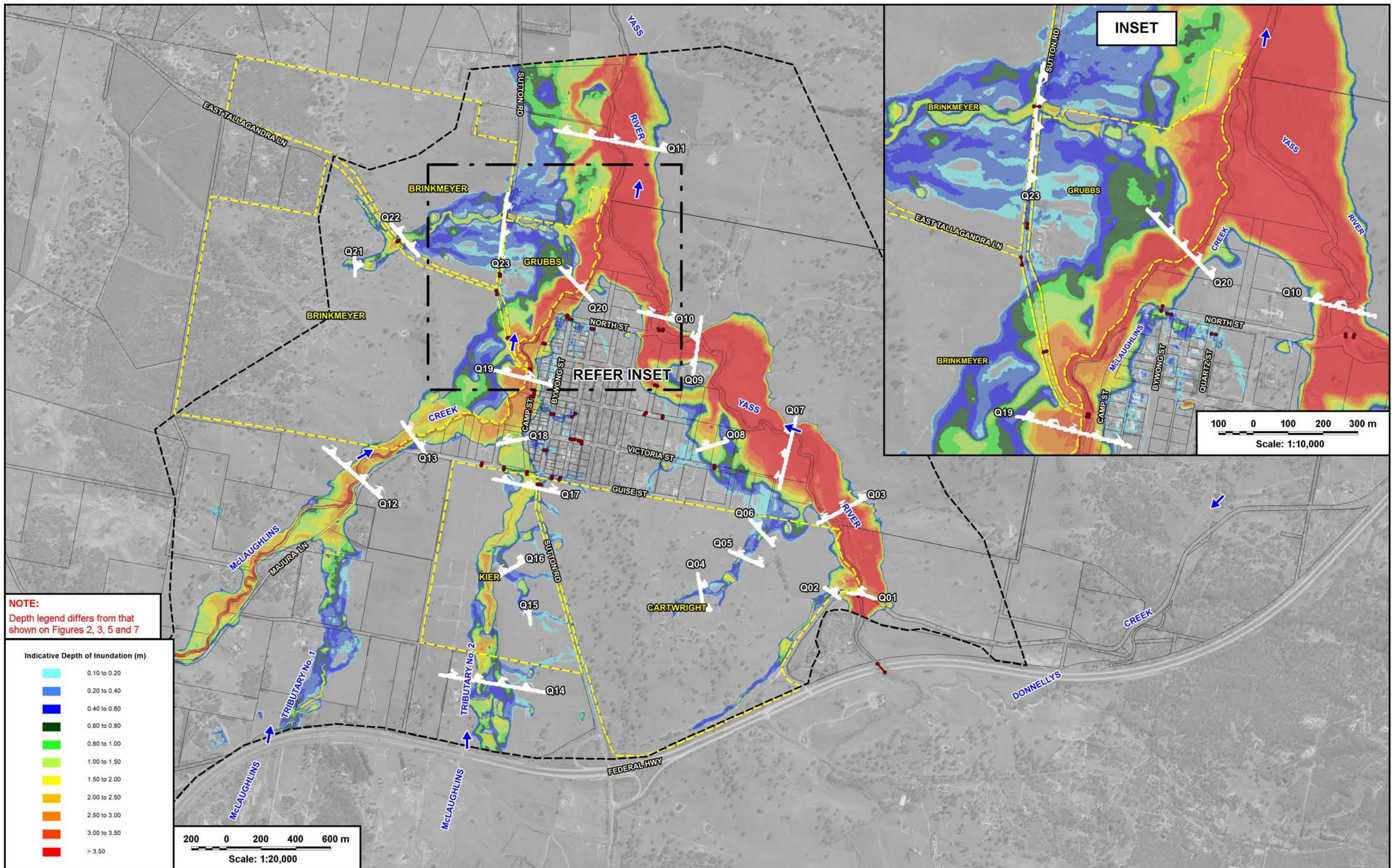
Figure 2

INDICATIVE EXTENT AND DEPTHS OF INUNDATION  
PRESENT DAY CONDITIONS - 5% AEP





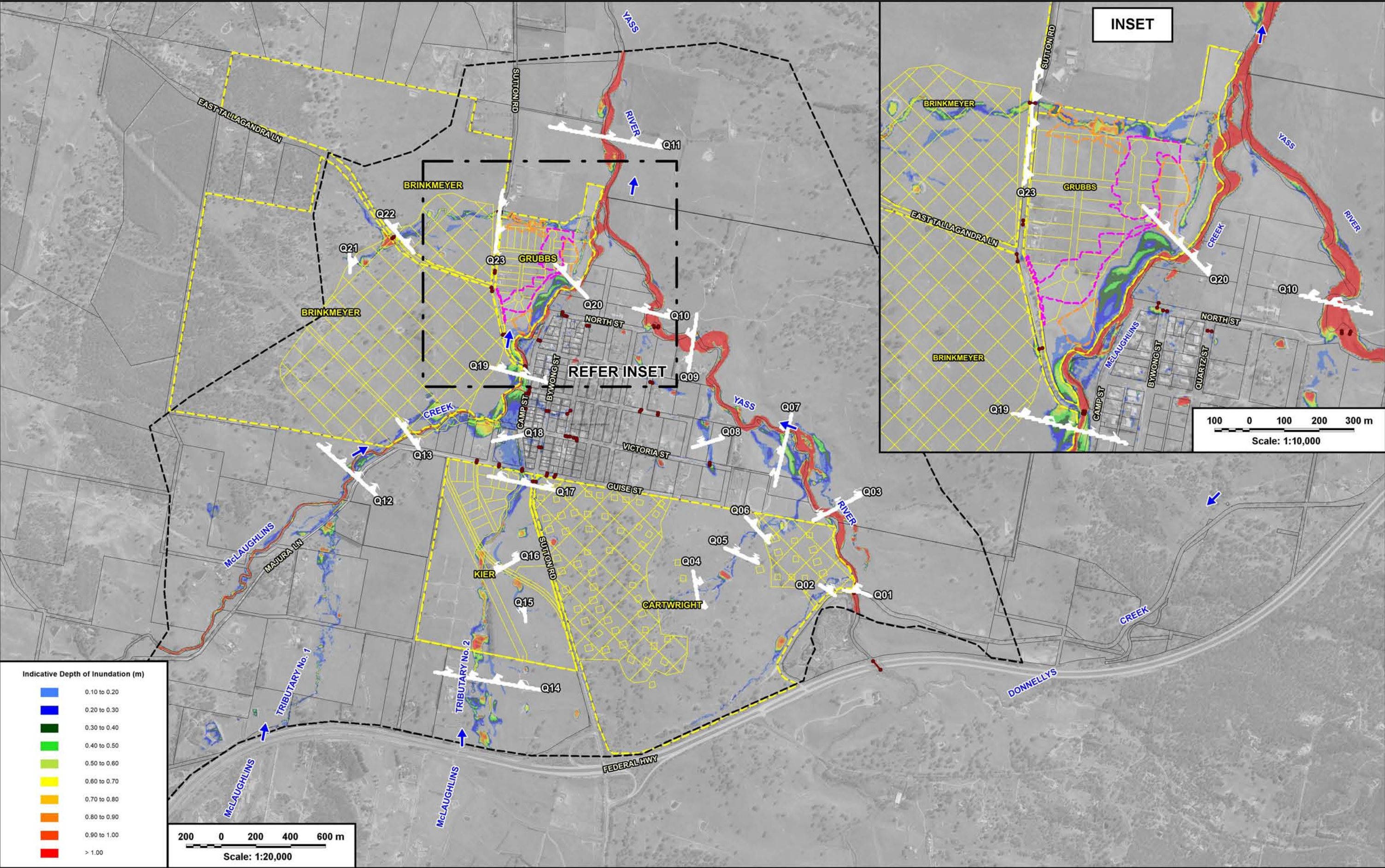




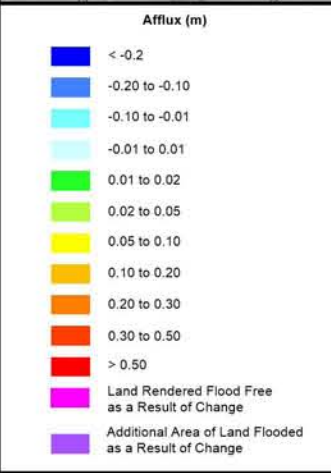
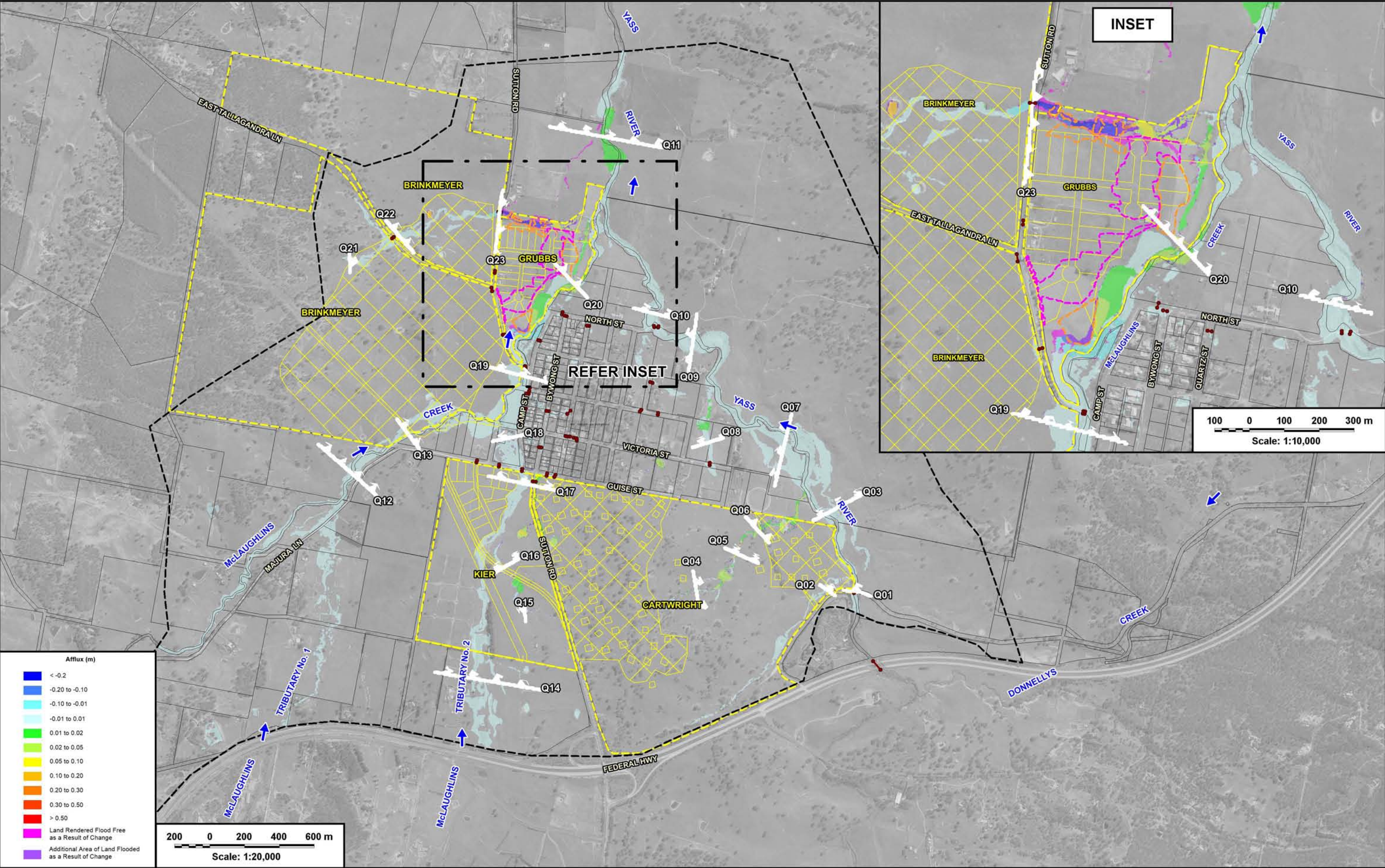








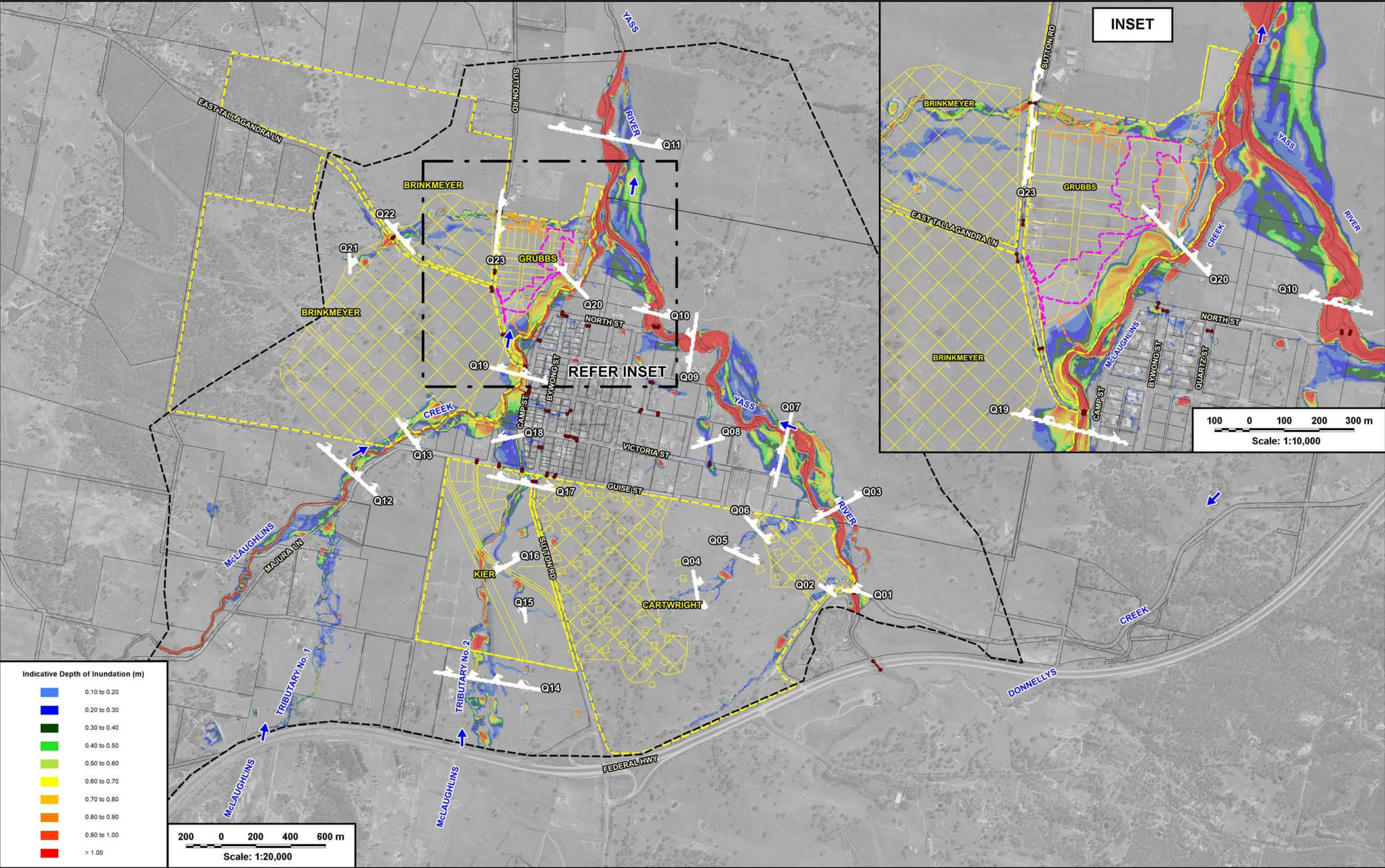




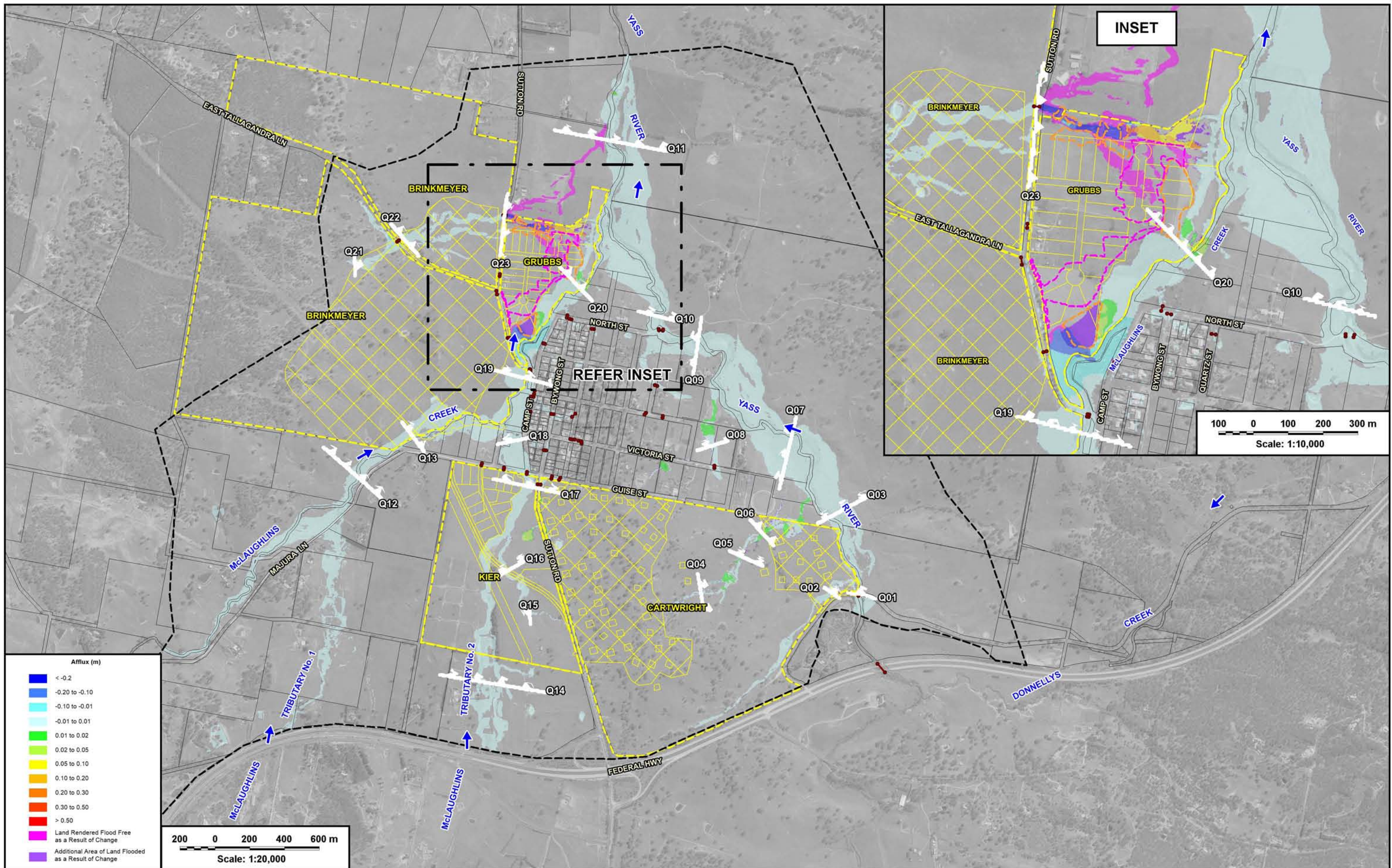
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- LEGEND**
- Extent of Cut (Orange dashed line)
  - Extent of Fill (Pink dashed line)
  - Peak Flow Location and Identifier (Q01)
  - Proposed Development Sites (Yellow dashed line)
  - Indicative Allotment Layout (Grubbs and Kier) (Yellow grid)
  - Extent of Proposed Subdivision (Brinkmeyer and Cartwright) (Yellow grid)
  - Two-Dimensional Model Boundary (Black dashed line)
  - Modelled Stormwater Drainage Network (Red line with arrows)

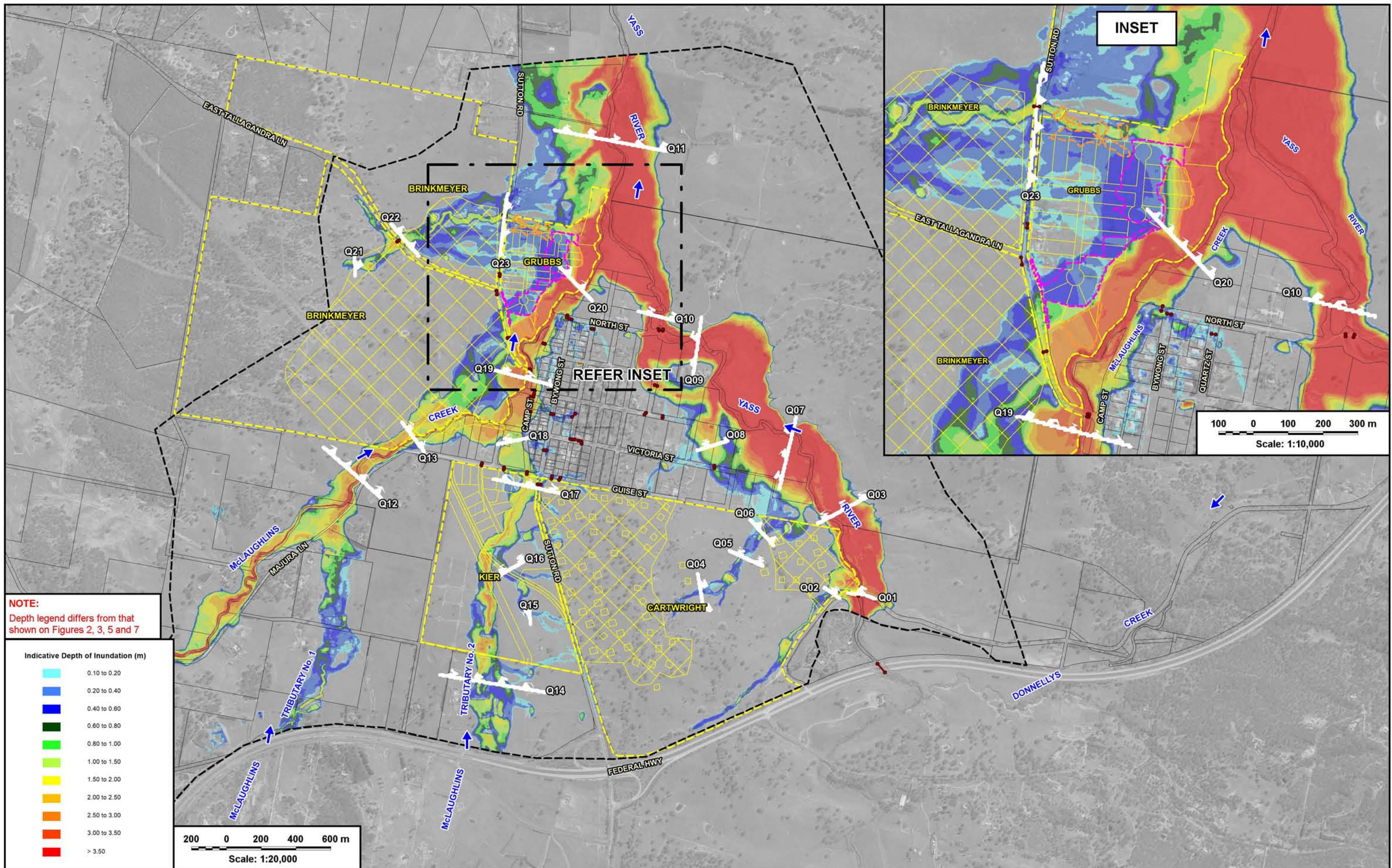




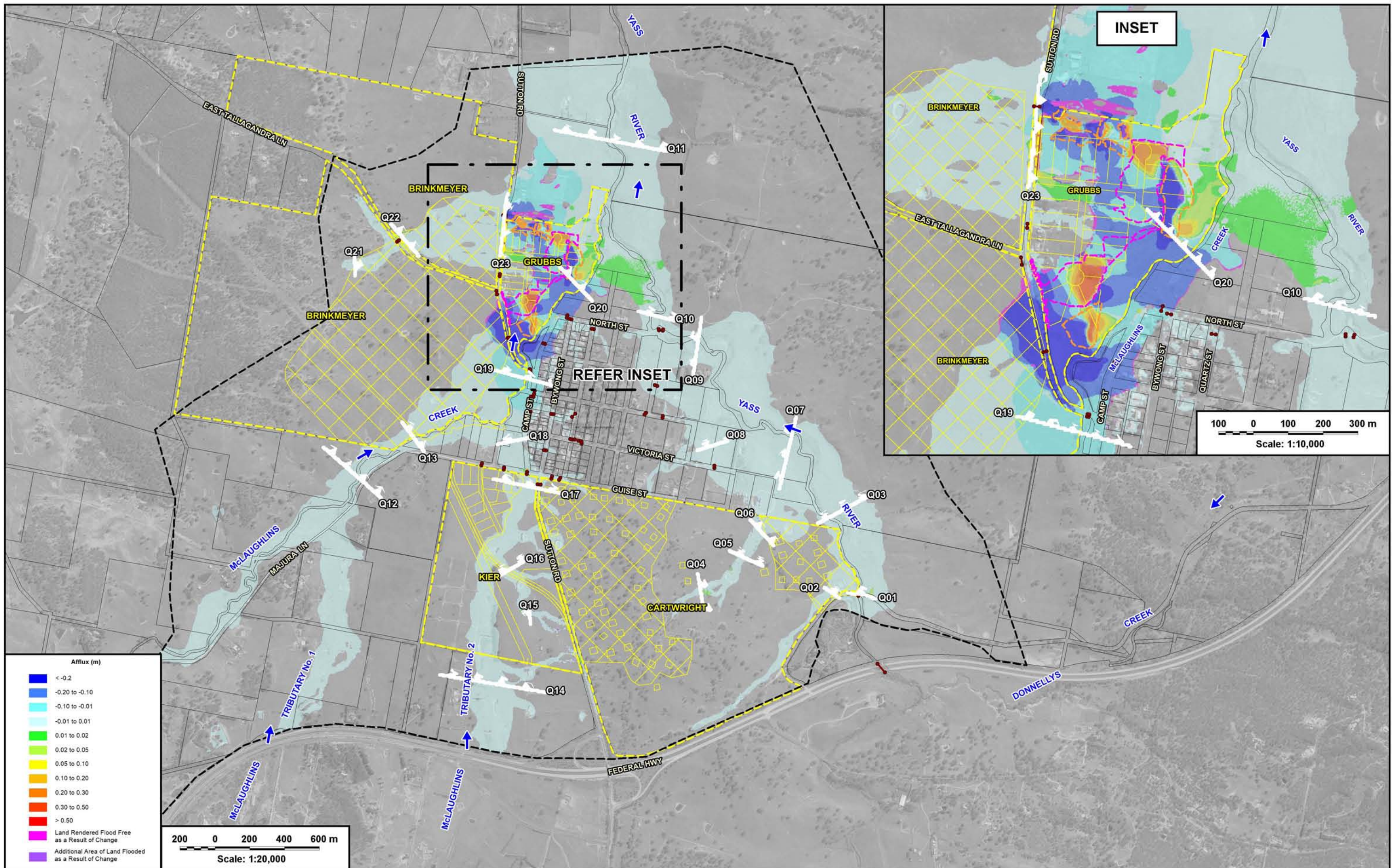




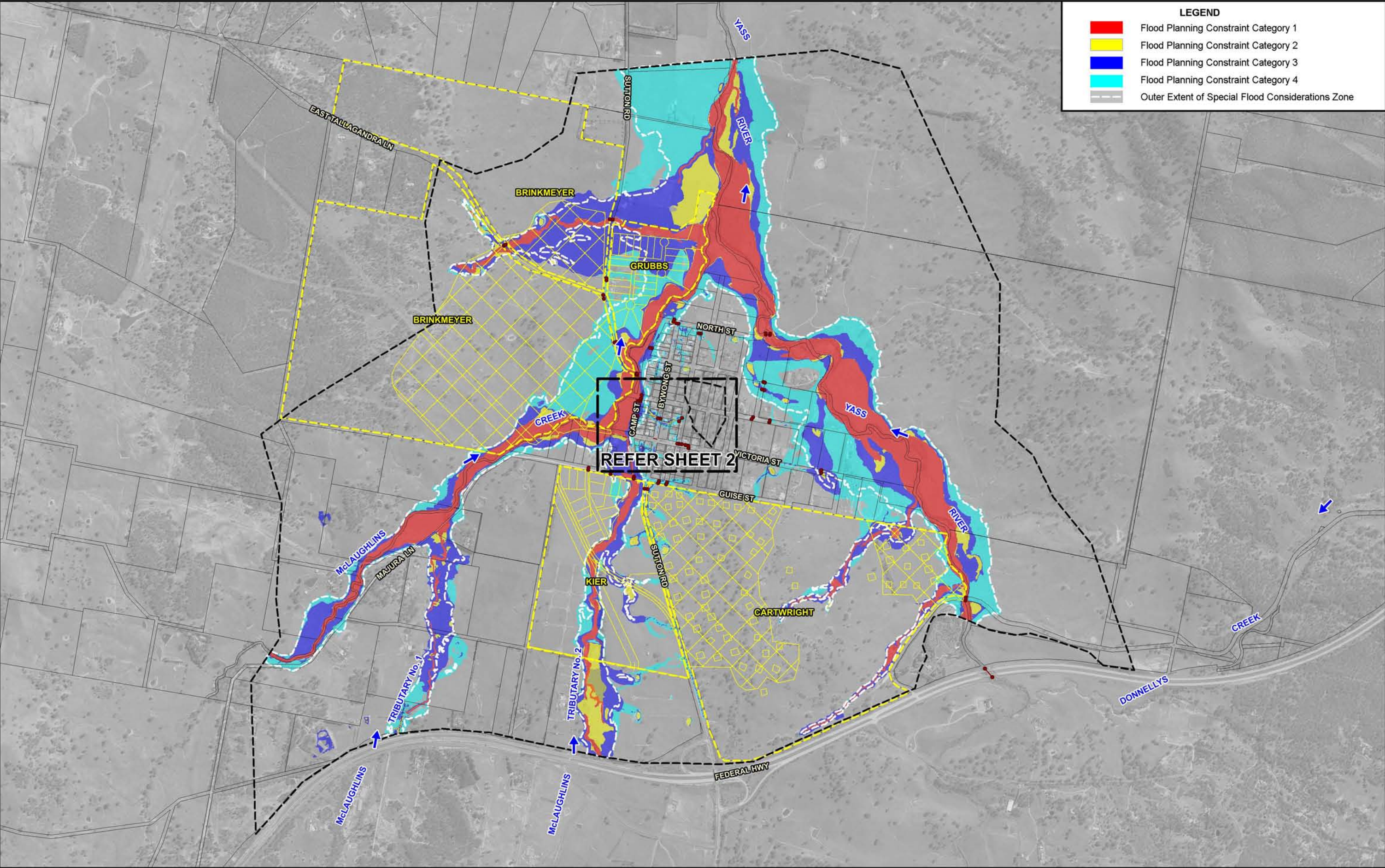












**LEGEND**

- Flood Planning Constraint Category 1
- Flood Planning Constraint Category 2
- Flood Planning Constraint Category 3
- Flood Planning Constraint Category 4
- Outer Extent of Special Flood Considerations Zone

N  
200 0 200 400 600 m  
Scale: 1:20,000



**NOTE:**  
The ground surface model incorporated in TUFLOW is based on LiDAR survey which has been sampled on a 5 m grid and does not necessarily incorporate localised features which can influence flooding behaviour in individual allotments.  
  
Flood depths are therefore approximate only and require interpretation by a suitably qualified engineer to determine flooding behaviour in individual allotments. Any assessment of flooding in individual allotments may also require a site survey.

**LEGEND**

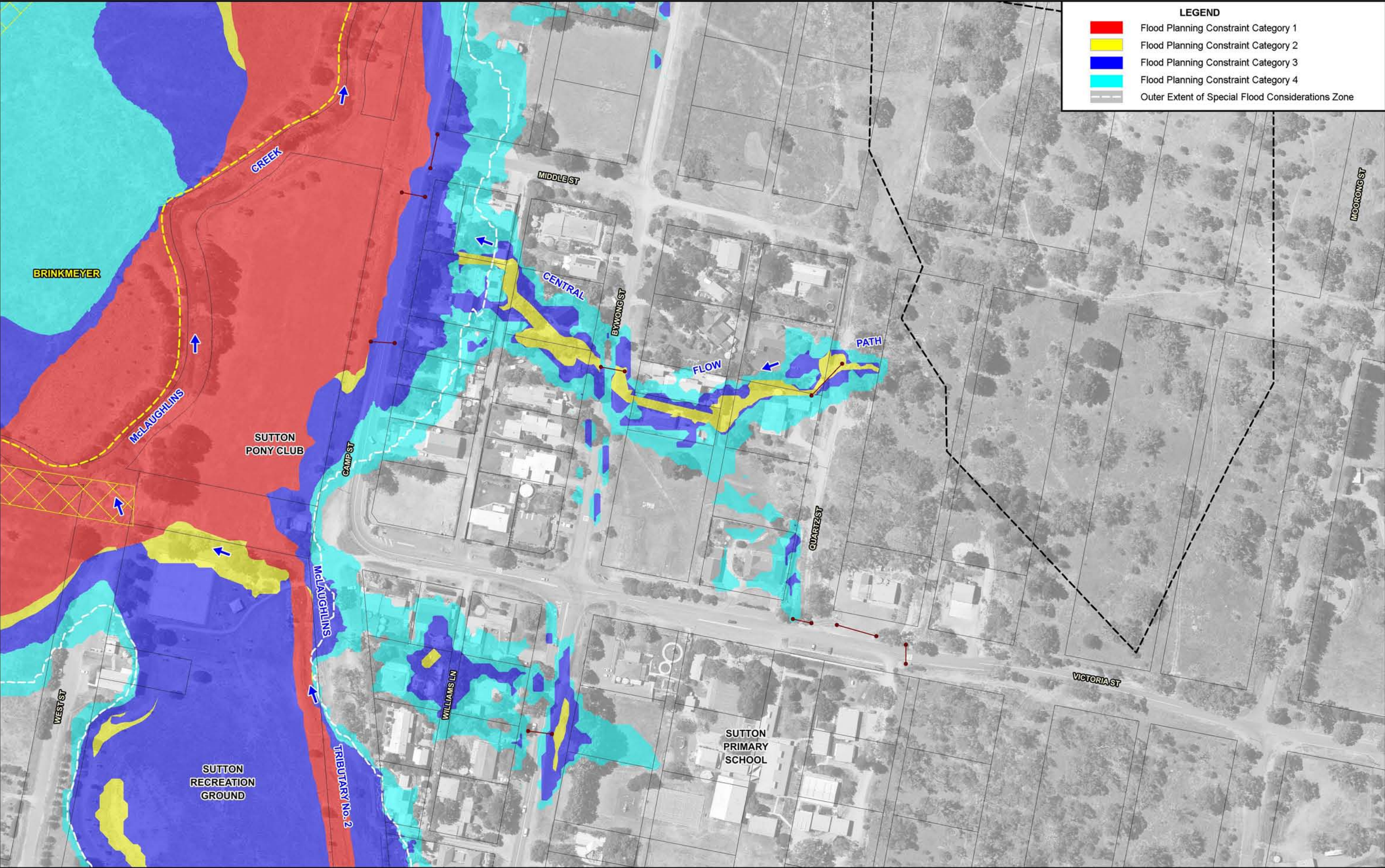
- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Proposed Development Sites
- Indicative Allotment Layout (Grubbs and Kier)
- Extent of Proposed Subdivision (Brinkmeyer and Cartwright)

**PROPOSED REZONING AT SUTTON  
FLOOD IMPACT ASSESSMENT**

Figure 12  
(Sheet 1 of 2)

EXTRACT OF YASS VALLEY FLOOD PLANNING CONSTRAINT CATEGORY MAP AT SUTTON





**LEGEND**

- Flood Planning Constraint Category 1
- Flood Planning Constraint Category 2
- Flood Planning Constraint Category 3
- Flood Planning Constraint Category 4
- Outer Extent of Special Flood Considerations Zone

N  
20 0 20 40 60 m  
Scale: 1:2,000

**NOTE:**  
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**LEGEND**

- Two-Dimensional Model Boundary
- Modelled Stormwater Drainage System
- Proposed Development Sites
- Extent of Proposed Subdivision (Brinkmeyer)

**PROPOSED REZONING AT SUTTON  
FLOOD IMPACT ASSESSMENT**

Figure 12  
(Sheet 1 of 2)



PROPOSED REZONING AT SUTTON FLOOD IMPACT ASSESSMENT  
COMPARISON OF PEAK FLOWS

Flow Location Identifier	5% AEP			1% AEP			PMF		
	Present Day (m <sup>3</sup> /s)	Post-Development (m <sup>3</sup> /s)	Difference (m <sup>3</sup> /s)	Present Day (m <sup>3</sup> /s)	Post-Development (m <sup>3</sup> /s)	Difference (m <sup>3</sup> /s)	Present Day (m <sup>3</sup> /s)	Post-Development (m <sup>3</sup> /s)	Difference (m <sup>3</sup> /s)
Q01	100.3	100.3	0	176.4	176.4	0	-	-	-
Q02	3.5	3.5	0	6.9	6.9	0	57.7	57.7	0
Q03	100.3	100.3	0	177.4	177.4	0	3046	3046	0
Q04	2.9	3.2	0.3	5.1	5.3	0.2	36.6	36.7	0.1
Q05	3.6	4.2	0.6	7.2	7.5	0.3	58.4	58.7	0.3
Q06	4	4.8	0.8	8.4	9.1	0.7	75.5	75.9	0.4
Q07	100.2	100.2	0	177.4	177.5	0.1	-	-	-
Q08	3	3.1	0.1	5.3	5.6	0.3	177	177	0
Q09	99.8	99.9	0.1	177.6	177.7	0.1	2814	2814	0
Q10	99.7	99.8	0.1	177.8	177.9	0.1	3141	3141	0
Q11	132.7	133	0.3	242.5	243	0.5	-	-	-
Q12	31.5	31.5	0	60.6	60.6	0	857	857	0
Q13	31.3	31.3	0	61.6	61.6	0	857.7	857.7	0
Q14	8.8	8.8	0	15.5	15.5	0	217	217	0
Q15	1.1	1.2	0.1	1.8	1.9	0.1	10	10.4	0.4
Q16	1.6	1.8	0.2	3.4	3.6	0.2	35.3	35.8	0.5
Q17	11.2	11.3	0.1	21.1	21.3	0.2	301.4	301.6	0.2
Q18	12	12.2	0.2	23.2	23.3	0.1	327.7	327.9	0.2
Q19	43.9	44.2	0.3	85.8	86.1	0.3	-	-	-
Q20	44.5	45	0.5	87.6	87.9	0.3	-	-	-
Q21	6.3	6.3	0	12	12	0	109.7	109.7	0
Q22	11.1	11.1	0	18.5	18.5	0	169.5	170.3	0.8
Q23	8.8	9.2	0.4	18	18.1	0.1	-	-	-