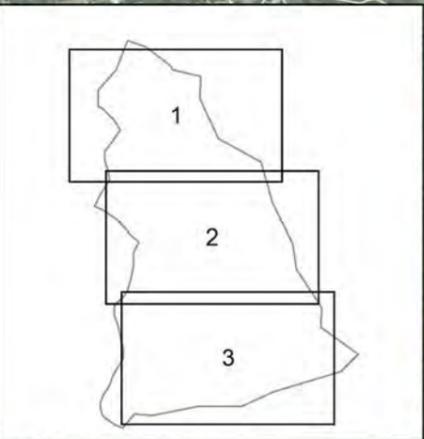


Appendix D. Flood Level Mapping



LEGEND

Flood Level (m AHD)

10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80
80 - 90
90 - 100
100 - 110
110 - 120
120 - 130
130 - 140

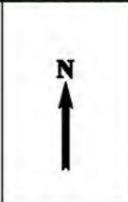
— Flood Level Contour (10m Interval)

— Flood Level Contour (1m Interval)

▭ Recent Developments

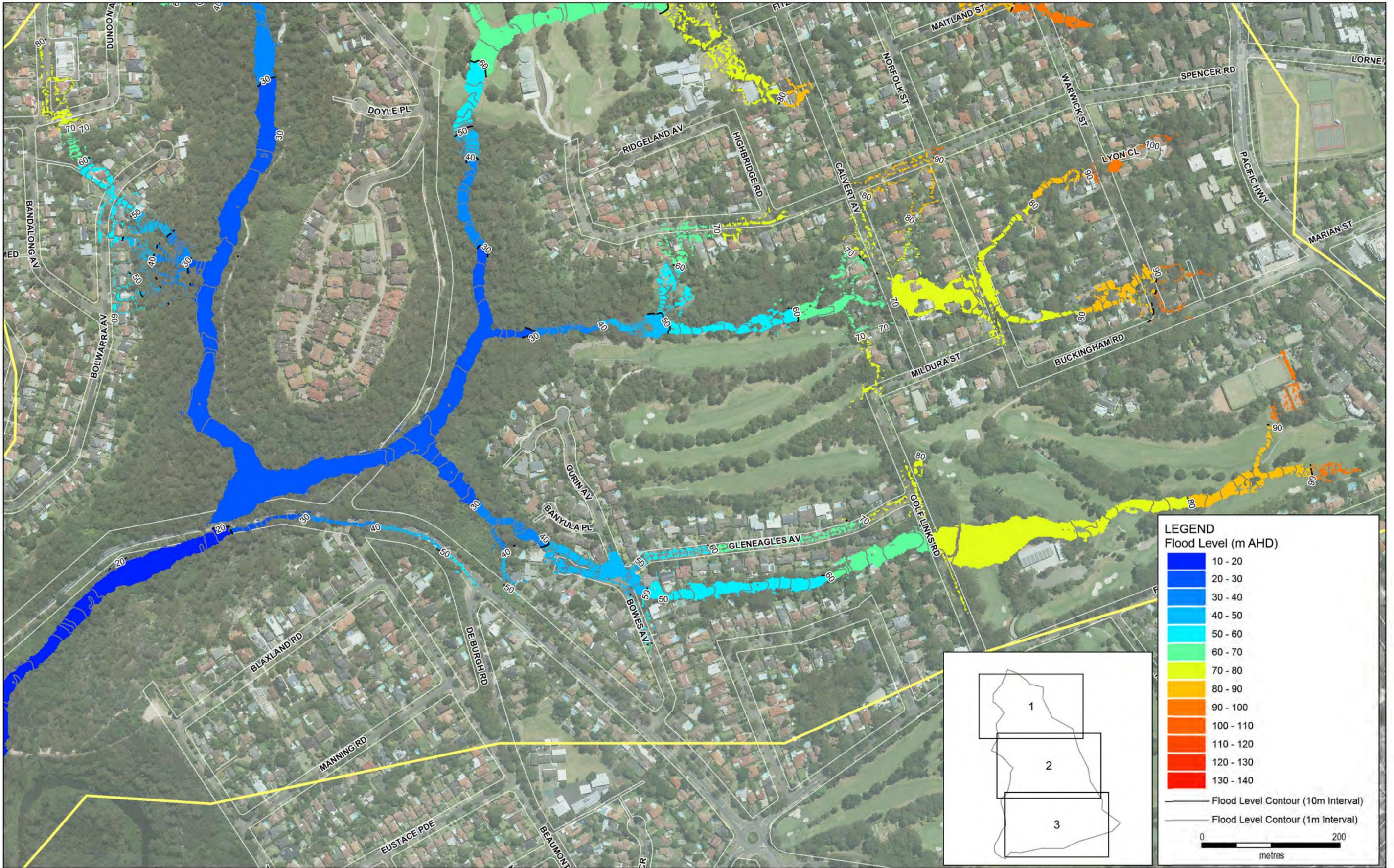
0 200 metres

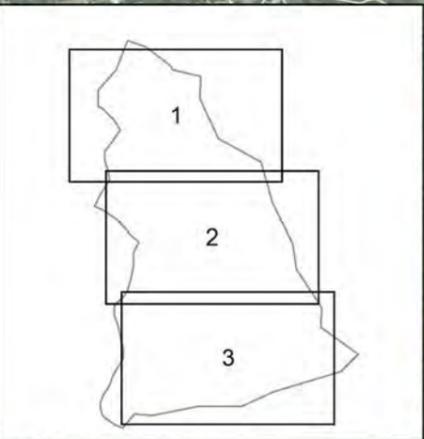
NOTE: UP-TO-DATE GROUND LEVEL DATA NOT AVAILABLE AT PROPERTIES IDENTIFIED AS "RECENT DEVELOPMENTS" FOR THIS STUDY. FLOOD CONDITIONS ARE INDICATIVE ONLY.



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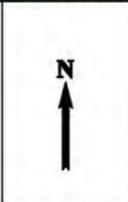
LEGEND
Flood Level (m AHD)

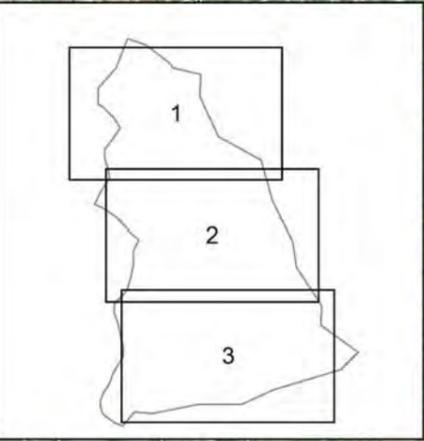
10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80
80 - 90
90 - 100
100 - 110
110 - 120
120 - 130
130 - 140

— Flood Level Contour (10m Interval)
— Flood Level Contour (1m Interval)
□ Recent Developments

0 200
metres

NOTE: UP-TO-DATE GROUND LEVEL DATA NOT AVAILABLE AT PROPERTIES IDENTIFIED AS "RECENT DEVELOPMENTS" FOR THIS STUDY. FLOOD CONDITIONS ARE INDICATIVE ONLY.





LEGEND
Flood Level (m AHD)

10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80
80 - 90
90 - 100
100 - 110
110 - 120
120 - 130
130 - 140

— Flood Level Contour (10m Interval)
- - - Flood Level Contour (1m Interval)
□ Recent Developments

0 200
metres

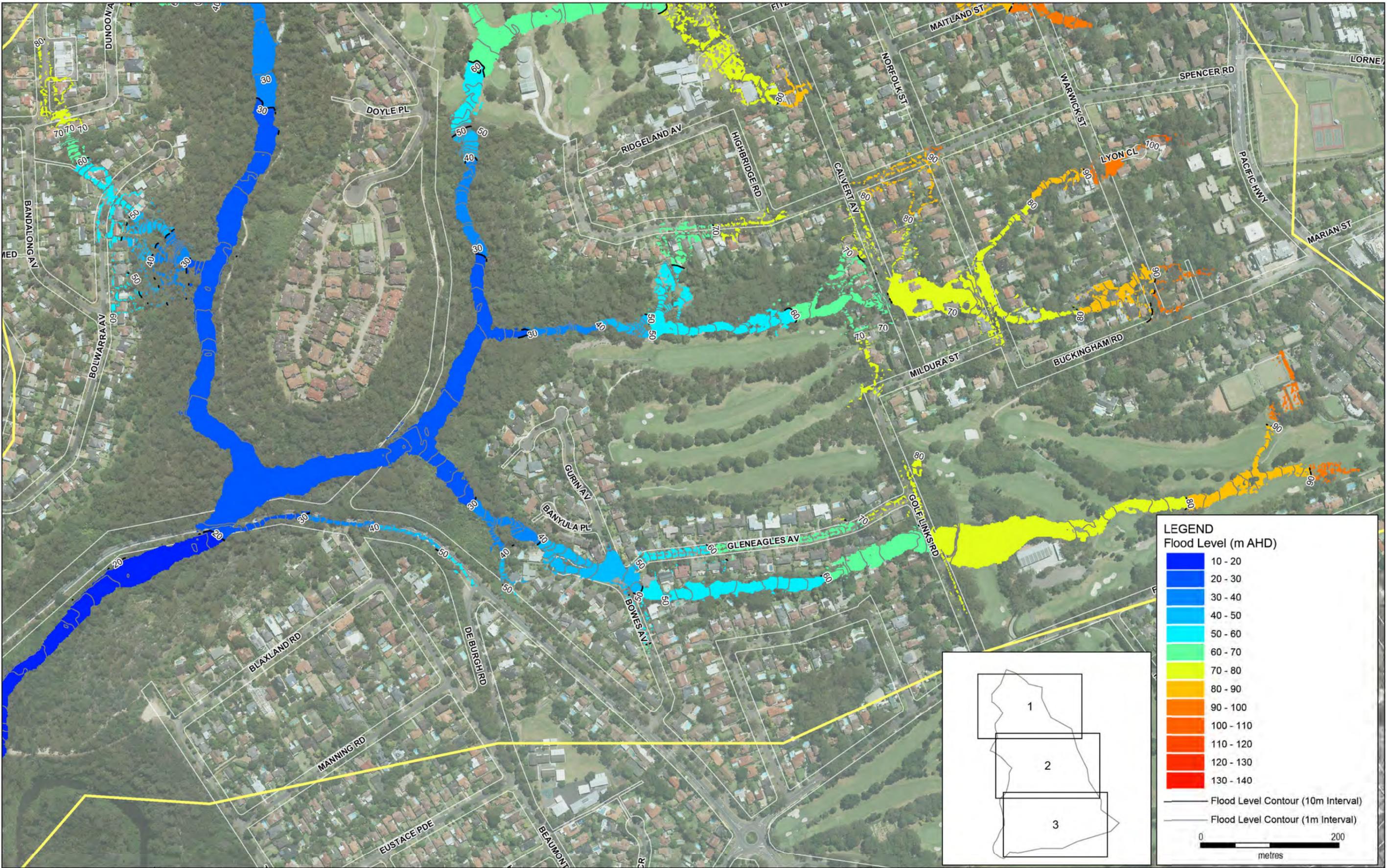
NOTE: UP-TO-DATE GROUND LEVEL DATA NOT AVAILABLE AT PROPERTIES IDENTIFIED AS "RECENT DEVELOPMENTS" FOR THIS STUDY. FLOOD CONDITIONS ARE INDICATIVE ONLY.

JACOBS SKM

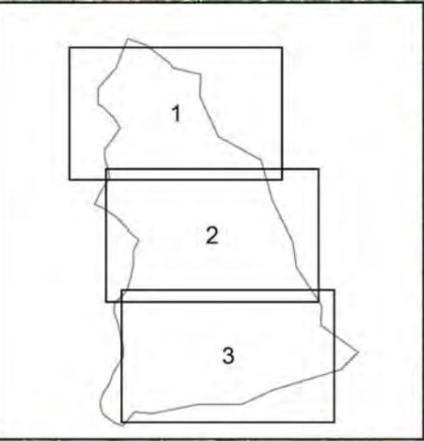
N
↑

BLACKBUTT CREEK FLOOD STUDY

1% AEP PEAK FLOOD LEVEL SHEET 2 OF 3







LEGEND
Flood Level (m AHD)

10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80
80 - 90
90 - 100
100 - 110
110 - 120
120 - 130
130 - 140

— Flood Level Contour (10m Interval)
— Flood Level Contour (1m Interval)
▭ Recent Developments

0 200
metres

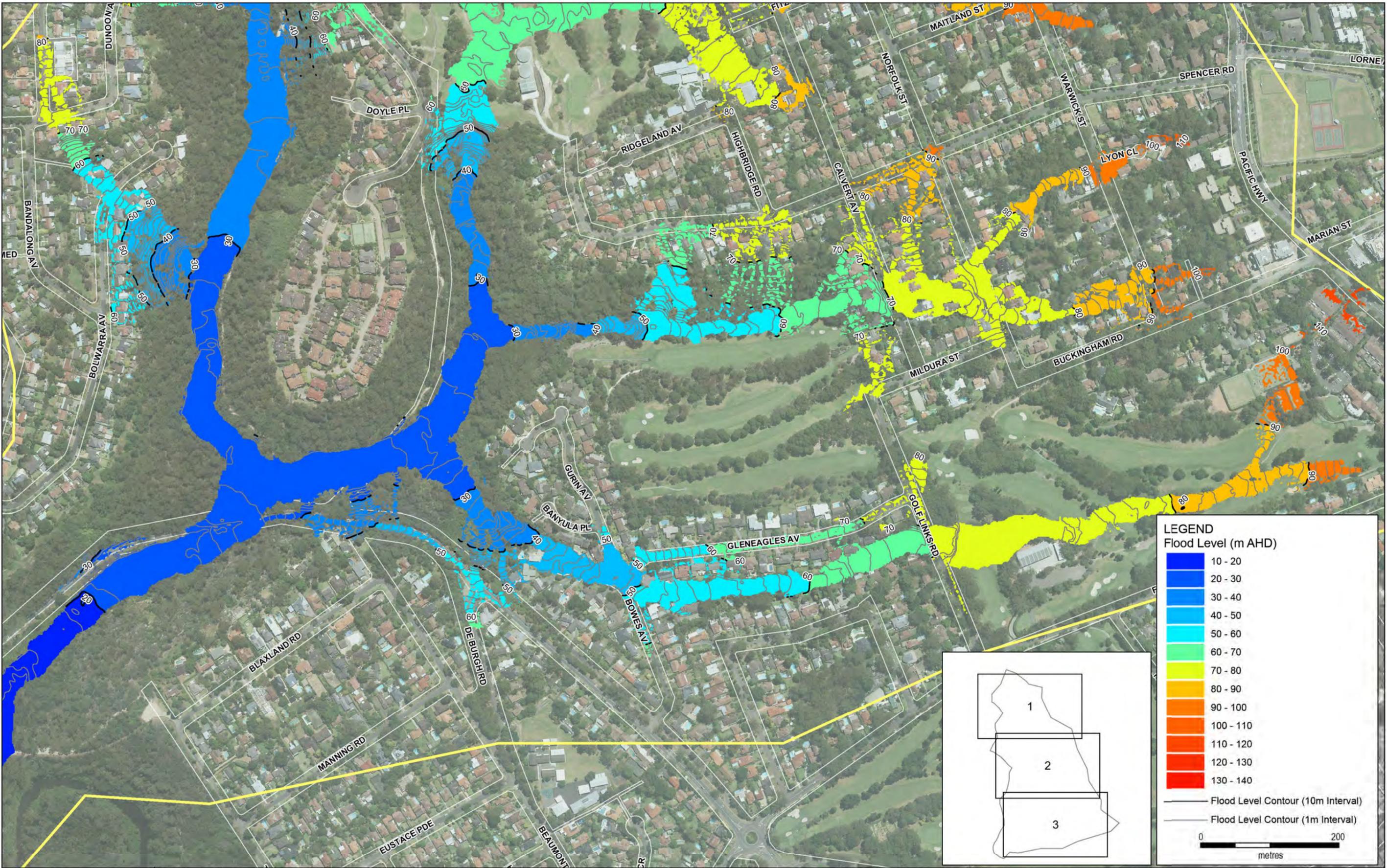
NOTE: UP-TO-DATE GROUND LEVEL DATA NOT AVAILABLE AT PROPERTIES IDENTIFIED AS "RECENT DEVELOPMENTS" FOR THIS STUDY. FLOOD CONDITIONS ARE INDICATIVE ONLY.

JACOBS SKM

N
↑

BLACKBUTT CREEK FLOOD STUDY

PMF PEAK FLOOD LEVEL SHEET 2 OF 3



LEGEND
Flood Level (m AHD)

10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80
80 - 90
90 - 100
100 - 110
110 - 120
120 - 130
130 - 140

— Flood Level Contour (10m Interval)
— Flood Level Contour (1m Interval)

0 200
metres



Appendix E. Summary of Peak Flows



LEGEND

— Flow Analysis Location

1% AEP Flood Depth (m)

- 0.05 - 0.1
- 0.1 - 0.3
- 0.3 - 0.5
- 0.5 - 1.0
- 1.0 - 2.0
- > 2.0

Table E-1 Summary of Peak Flows, All Clear Blockage Scenario

ID	Location	Overland, Pipe and Total Flows (m3/s)																	
		20%			5%			2%			1%			0.5%			PMF		
		2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total
1	Pymble_Q01	0.1	0.0	0.1	0.1	0.0	0.1	0.2	0.0	0.2	0.2	0.0	0.2	0.3	0.0	0.3	1.4	0.0	1.4
2	Pymble_Q02	1.3	1.0	2.3	2.6	1.0	3.6	3.0	1.0	4.0	3.5	1.0	4.6	4.2	1.0	5.3	17.7	0.0	17.7
3	Pymble_Q03	2.0	0.8	2.8	2.8	0.9	3.7	3.1	0.9	4.0	3.6	1.0	4.5	4.2	1.0	5.2	16.6	0.4	17.0
4	Rand_Q01	0.4	0.0	0.4	1.6	0.0	1.6	2.5	0.0	2.5	3.1	0.0	3.1	4.0	0.0	4.0	12.3	0.0	12.3
5	Rand_Q02	5.0	0.0	5.0	6.5	0.0	6.5	7.3	0.0	7.3	8.5	0.0	8.5	10.0	0.0	10.0	36.9	0.0	36.9
6	Livingstone_Q01	0.5	0.1	0.6	0.6	0.1	0.8	0.7	0.1	0.8	0.8	0.1	0.9	0.9	0.2	1.1	3.6	0.0	3.6
7	Livingstone_Q02	2.0	0.0	2.0	2.9	0.0	2.9	3.3	0.0	3.3	3.7	0.0	3.7	4.2	0.0	4.2	16.9	0.0	16.9
8	Livingstone_Q03	2.1	0.0	2.1	5.5	0.0	5.5	7.3	0.0	7.3	9.0	0.0	9.0	11.5	0.0	11.5	59.8	0.0	59.8
9	Livingstone_Q04	8.3	0.0	8.3	12.4	0.0	12.4	14.7	0.0	14.7	17.2	0.0	17.2	20.5	0.0	20.5	80.0	0.0	80.0
10	Orinoco_Q01	0.5	0.0	0.5	0.6	0.0	0.6	0.6	0.0	0.6	0.7	0.0	0.7	0.9	0.0	0.9	3.9	0.0	3.9
11	Orinoco_Q02	3.0	0.0	3.0	4.6	0.0	4.6	5.3	0.0	5.3	6.0	0.0	6.0	7.4	0.0	7.4	28.4	0.0	28.4
12	Suakin_Q01	2.7	0.0	2.7	3.7	0.0	3.7	4.2	0.0	4.2	4.7	0.0	4.7	5.2	0.0	5.2	17.3	0.0	17.3
13	Livingstone_Q05	1.5	0.0	1.5	2.2	0.0	2.2	2.4	0.0	2.4	2.8	0.0	2.8	3.3	0.0	3.3	11.4	0.0	11.4
14	Ellison_Q01	0.8	0.3	1.0	1.1	0.3	1.4	1.2	0.4	1.6	1.4	0.4	1.8	1.6	0.4	2.0	5.8	0.0	5.8
15	Ryde_Q01	14.2	0.0	14.2	21.7	0.0	21.7	25.5	0.0	25.5	29.3	0.0	29.3	35.5	0.0	35.5	143.2	0.0	143.2
16	Ryde_Q02	0.0	37.9	37.9	1.2	49.1	50.4	4.9	51.2	56.1	10.0	52.5	62.5	17.4	54.2	71.5	138.0	18.9	156.9
17	Nadene_Q01	1.9	1.9	3.8	3.2	2.2	5.4	3.7	2.3	6.0	4.5	2.3	6.8	5.9	2.3	8.2	26.5	0.0	26.5
18	Ryde_Q03	20.0	0.0	20.0	28.2	0.0	28.2	33.7	0.0	33.7	39.7	0.0	39.7	48.9	0.0	48.9	203.0	0.0	203.0
19	MinnamurraOL_Q01	2.2	0.0	2.2	3.3	0.0	3.3	3.8	0.0	3.8	4.5	0.0	4.5	5.3	0.0	5.3	19.5	0.0	19.5
20	Minnamurra_Q01	19.7	0.0	19.7	27.9	0.0	27.9	34.3	0.0	34.3	39.9	0.0	39.9	49.1	0.0	49.1	203.5	0.0	203.5
21	Minnamurra_Q02	21.2	0.0	21.2	30.9	0.0	30.9	38.1	0.0	38.1	44.7	0.0	44.7	55.4	0.0	55.4	223.0	0.0	223.0
22	Vale_01	1.5	0.5	2.1	2.2	0.7	3.0	2.6	0.8	3.4	2.9	0.9	3.8	3.6	0.9	4.5	14.5	0.0	14.5
23	Merriwa_Q01	0.5	0.2	0.7	0.7	0.3	1.0	0.8	0.3	1.1	0.9	0.4	1.3	1.0	0.4	1.5	4.2	0.0	4.2
24	McIntyre_Q01	0.7	0.9	1.7	1.1	1.1	2.1	1.4	1.1	2.5	1.9	1.1	3.0	2.3	1.1	3.4	11.1	0.0	11.1
25	Dumaresq_Q01	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.5	0.0	0.5
26	Dumaresq_Q02	1.6	0.0	1.6	2.4	0.0	2.4	2.7	0.0	2.7	3.4	0.0	3.4	4.7	0.0	4.7	21.8	0.0	21.8
27	Dumaresq_Q03	3.7	0.0	3.7	5.8	0.0	5.8	6.8	0.0	6.8	8.2	0.0	8.2	10.2	0.0	10.2	41.0	0.0	41.0
28	Dumaresq_Q04	1.7	0.0	1.7	2.5	0.0	2.5	3.1	0.0	3.1	3.7	0.0	3.7	4.4	0.0	4.4	16.4	0.0	16.4
29	Moree_Q01	0.3	0.0	0.3	0.6	0.0	0.6	0.7	0.0	0.7	0.8	0.0	0.8	1.0	0.0	1.0	3.1	0.0	3.1
30	Moree_Q02	0.7	0.0	0.7	1.1	0.0	1.1	1.2	0.0	1.2	1.5	0.0	1.5	1.9	0.0	1.9	7.3	0.0	7.3
31	Moree_Q03	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.3	0.0	0.3	0.3	0.0	0.3	0.7	0.0	0.7
32	Moree_Q04	0.6	0.1	0.7	0.9	0.1	1.0	1.0	0.1	1.1	1.1	0.1	1.2	1.2	0.1	1.4	3.9	0.0	3.9
33	Vale_Q02	3.4	0.3	3.7	6.2	0.4	6.6	7.5	0.4	7.9	9.0	0.5	9.5	12.0	0.5	12.5	61.7	0.1	61.8
34	Vale_Q03	9.0	0.0	9.0	13.8	0.0	13.8	16.4	0.0	16.4	18.4	0.0	18.4	22.1	0.0	22.1	84.1	0.0	84.1
35	StJohns_Q01	0.3	0.1	0.4	0.7	0.1	0.8	0.7	0.1	0.8	1.0	0.1	1.1	0.9	0.1	1.0	3.0	0.0	3.0
36	Bushlands_Q01	2.4	0.1	2.5	2.0	0.1	2.1	3.7	0.1	3.8	4.0	0.1	4.1	2.8	0.1	2.9	10.0	0.0	10.0
37	Yarabah_Q01	1.1	0.3	1.4	1.7	0.4	2.1	1.9	0.4	2.3	2.1	0.4	2.5	2.7	0.3	3.1	10.0	0.0	10.0

Table E-1 Summary of Peak Flows, All Clear Blockage Scenario (cont')

ID	Location	Overland, Pipe and Total Flows (m3/s)																	
		20%			5%			2%			1%			0.5%			PMF		
		2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total
38	Yarabah_Q02	0.2	0.2	0.3	0.2	0.2	0.5	0.3	0.2	0.5	0.4	0.2	0.6	0.6	0.2	0.8	2.4	0.0	2.4
39	Browns_Q01	1.4	1.1	2.5	2.8	1.4	4.1	3.7	1.4	5.1	4.4	1.4	5.8	5.3	1.4	6.8	25.1	0.0	25.1
40	Bushlands_Q02	1.4	0.7	2.2	3.0	1.0	4.0	4.0	1.1	5.1	5.0	1.2	6.2	6.3	1.3	7.6	32.8	0.4	33.2
41	Bushlands_Q03	2.8	1.5	4.3	5.1	1.7	6.8	6.6	1.8	8.3	7.8	1.8	9.6	9.8	1.8	11.6	44.3	0.0	44.3
42	Essex_Q01	1.5	0.5	2.0	2.1	0.5	2.6	2.3	0.6	2.9	2.7	0.6	3.3	3.2	0.6	3.8	12.2	0.0	12.2
43	Warwick_Q01a	1.6	0.3	1.9	2.1	0.4	2.5	2.5	0.5	2.9	3.0	0.4	3.4	3.4	0.4	3.8	12.6	0.0	12.6
44	Maitland_Q01	3.3	0.0	3.3	4.6	0.0	4.6	5.1	0.0	5.1	6.0	0.0	6.0	6.8	0.0	6.8	23.9	0.0	23.9
45	Norfolk_Q01	4.4	2.0	6.4	6.4	2.6	9.0	7.2	2.7	9.9	8.4	2.9	11.3	9.8	3.1	12.9	40.9	1.0	41.9
46	Sarnia_Q01	0.7	0.0	0.7	1.5	0.0	1.5	1.8	0.0	1.8	2.4	0.0	2.4	3.1	0.0	3.1	14.7	0.0	14.7
47	Norfolk_Q02a	7.0	0.0	7.0	10.0	0.0	10.0	11.2	0.0	11.2	13.1	0.0	13.1	15.4	0.0	15.4	55.9	0.0	55.9
48	Lyon_Q01	0.0	0.6	0.6	0.0	0.6	0.6	0.0	0.7	0.7	0.3	0.8	1.0	0.7	0.8	1.5	4.1	0.0	4.1
49	Warwick_Q01b	0.2	0.1	0.3	0.2	0.1	0.4	0.3	0.1	0.4	0.3	0.2	0.5	0.3	0.2	0.5	1.3	0.0	1.3
50	Buckingham_Q01	1.1	0.0	1.1	1.4	0.0	1.4	1.5	0.0	1.5	1.8	0.0	1.8	2.5	0.0	2.5	10.3	0.0	10.3
51	Buckingham_Q02	1.5	0.0	1.5	2.0	0.0	2.0	2.2	0.0	2.2	3.4	0.0	3.4	4.2	0.0	4.2	12.1	0.0	12.1
52	Norfolk_Q02b	2.6	0.0	2.6	4.2	0.0	4.2	4.8	0.0	4.8	5.4	0.0	5.4	6.2	0.0	6.2	28.8	0.0	28.8
53	Calvert_Q01	0.2	2.4	2.6	1.2	3.6	4.9	2.5	4.3	6.8	4.0	4.7	8.7	6.7	4.8	11.5	39.3	0.0	39.3
54	Calvert_Q02	2.9	0.0	2.9	4.2	0.0	4.2	5.1	0.0	5.1	6.8	0.0	6.8	10.0	0.0	10.0	49.3	0.0	49.3
55	Norfolk_Q03	4.4	0.0	4.4	6.2	0.0	6.2	7.1	0.0	7.1	8.4	0.0	8.4	9.6	0.0	9.6	39.0	0.0	39.0
56	GGC_Q01	7.4	0.0	7.4	11.2	0.0	11.2	13.4	0.0	13.4	15.2	0.0	15.2	18.5	0.0	18.5	74.3	0.0	74.3
57	GGC_Q02	10.5	0.0	10.5	15.0	0.0	15.0	17.4	0.0	17.4	19.8	0.0	19.8	24.4	0.0	24.4	97.9	0.0	97.9
58	GGC_Q03	18.4	0.0	18.4	27.1	0.0	27.1	32.4	0.0	32.4	36.7	0.0	36.7	43.9	0.0	43.9	178.5	0.0	178.5
59	KGC_Q01	4.0	0.0	4.0	5.1	0.0	5.1	6.4	0.0	6.4	8.0	0.0	8.0	11.7	0.0	11.7	59.4	0.0	59.4
60	KGC_Q02	2.7	0.6	3.3	4.1	0.6	4.7	4.5	0.6	5.1	5.1	0.6	5.8	6.0	0.7	6.6	22.5	0.0	22.5
61	KGC_Q03	7.8	0.0	7.8	12.4	0.0	12.4	17.5	0.0	17.5	15.4	0.0	15.4	16.2	0.0	16.2	48.6	0.0	48.6
62	GolfLinks_Q01	0.4	5.0	5.3	3.6	5.3	8.8	5.9	5.3	11.2	8.2	5.3	13.6	9.9	5.4	15.3	51.6	0.0	51.6
63	Bowes_Q01	7.1	0.0	7.1	10.9	0.0	10.9	14.6	0.0	14.6	17.2	0.0	17.2	20.0	0.0	20.0	80.2	0.0	80.2
64	Bowes_Q02	2.6	5.9	8.4	5.1	6.9	12.0	8.9	7.4	16.3	11.8	7.5	19.3	15.8	7.7	23.5	83.3	0.0	83.3
65	Banyula_Q01	9.2	0.0	9.2	12.7	0.0	12.7	17.4	0.0	17.4	20.5	0.0	20.5	25.0	0.0	25.0	101.7	0.0	101.7
66	StJohns_Q02	29.9	0.0	29.9	45.8	0.0	45.8	55.4	0.0	55.4	65.7	0.0	65.7	81.4	0.0	81.4	317.1	0.0	317.1
67	StJohns_Q03	30.8	0.0	30.8	48.1	0.0	48.1	58.3	0.0	58.3	68.7	0.0	68.7	85.1	0.0	85.1	328.8	0.0	328.8
68	BBC_Q01	31.7	0.0	31.7	50.1	0.0	50.1	60.6	0.0	60.6	70.9	0.0	70.9	89.5	0.0	89.5	341.0	0.0	341.0
69	BBC_Q02	33.2	0.0	33.2	53.2	0.0	53.2	64.9	0.0	64.9	75.4	0.0	75.4	94.1	0.0	94.1	366.4	0.0	366.4
70	BBC_Q03	18.4	0.0	18.4	27.3	0.0	27.3	32.6	0.0	32.6	36.6	0.0	36.6	44.3	0.0	44.3	174.5	0.0	174.5
71	BBC_Q04	26.7	0.0	26.7	39.1	0.0	39.1	46.8	0.0	46.8	53.1	0.0	53.1	65.0	0.0	65.0	280.5	0.0	280.5
72	BBC_Q05	35.7	0.0	35.7	51.4	0.0	51.4	63.9	0.0	63.9	73.5	0.0	73.5	88.8	0.0	88.8	375.1	0.0	375.1
73	BBC_Q06	61.6	0.0	61.6	93.1	0.0	93.1	114.9	0.0	114.9	137.9	0.0	137.9	177.3	0.0	177.3	682.4	0.0	682.4
74	BBC_Q07	62.2	0.0	62.2	94.0	0.0	94.0	115.6	0.0	115.6	138.6	0.0	138.6	178.7	0.0	178.7	693.8	0.0	693.8

Table E-2 Summary of Peak Flows, Partially Blocked Scenario

ID	Location	Overland, Pipe and Total Flows (m3/s)																	
		20%			5%			2%			1%			0.5%			PMF		
		2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total
1	Pymble_Q01	0.1	0.0	0.1	0.1	0.0	0.1	0.2	0.0	0.2	0.3	0.0	0.3	0.4	0.0	0.4	1.6	0.0	1.6
2	Pymble_Q02	1.5	0.8	2.3	2.7	0.8	3.5	3.2	0.8	4.1	3.7	0.8	4.6	4.4	0.8	5.3	18.3	0.0	18.3
3	Pymble_Q03	2.0	0.7	2.8	2.8	0.8	3.6	3.1	0.8	3.9	3.6	0.8	4.5	4.2	0.8	5.1	16.6	0.4	16.9
4	Rand_Q01	0.9	0.0	0.9	2.0	0.0	2.0	2.8	0.0	2.8	3.5	0.0	3.5	4.3	0.0	4.3	12.8	0.0	12.8
5	Rand_Q02	4.9	0.0	4.9	6.4	0.0	6.4	7.3	0.0	7.3	8.4	0.0	8.4	10.1	0.0	10.1	34.9	0.0	34.9
6	Livingstone_Q01	0.5	0.1	0.6	0.6	0.1	0.8	0.7	0.1	0.8	0.8	0.1	0.9	0.9	0.2	1.1	3.4	0.0	3.4
7	Livingstone_Q02	2.0	0.0	2.0	2.8	0.0	2.8	3.3	0.0	3.3	3.8	0.0	3.8	4.5	0.0	4.5	16.9	0.0	16.9
8	Livingstone_Q03	2.3	0.0	2.3	5.5	0.0	5.5	7.4	0.0	7.4	9.3	0.0	9.3	11.9	0.0	11.9	59.5	0.0	59.5
9	Livingstone_Q04	8.4	0.0	8.4	12.5	0.0	12.5	14.9	0.0	14.9	17.4	0.0	17.4	20.9	0.0	20.9	80.2	0.0	80.2
10	Orinoco_Q01	0.4	0.0	0.4	0.6	0.0	0.6	0.7	0.0	0.7	0.7	0.0	0.7	0.9	0.0	0.9	3.8	0.0	3.8
11	Orinoco_Q02	3.0	0.0	3.0	4.6	0.0	4.6	5.3	0.0	5.3	6.0	0.0	6.0	7.4	0.0	7.4	28.4	0.0	28.4
12	Suakin_Q01	2.6	0.0	2.6	3.7	0.0	3.7	4.1	0.0	4.1	4.6	0.0	4.6	5.3	0.0	5.3	18.4	0.0	18.4
13	Livingstone_Q05	1.5	0.0	1.5	2.2	0.0	2.2	2.5	0.0	2.5	2.8	0.0	2.8	3.4	0.0	3.4	11.0	0.0	11.0
14	Ellison_Q01	0.8	0.2	1.0	1.1	0.3	1.4	1.2	0.3	1.6	1.4	0.4	1.8	1.6	0.4	2.0	5.8	0.0	5.8
15	Ryde_Q01	13.7	0.0	13.7	21.6	0.0	21.6	25.9	0.0	25.9	29.6	0.0	29.6	36.3	0.0	36.3	144.6	0.0	144.6
16	Ryde_Q02	0.0	36.2	36.2	3.8	43.7	47.5	9.4	45.8	55.1	13.1	47.1	60.2	22.8	48.2	71.0	140.6	18.1	158.8
17	Nadene_Q01	2.1	1.7	3.8	3.5	1.9	5.4	4.1	2.0	6.1	4.9	2.1	7.0	6.1	2.2	8.3	27.1	0.0	27.1
18	Ryde_Q03	19.0	0.0	19.0	27.5	0.0	27.5	34.2	0.0	34.2	40.1	0.0	40.1	49.3	0.0	49.3	202.5	0.0	202.5
19	MinnamurraOL_Q01	2.2	0.0	2.2	3.3	0.0	3.3	3.8	0.0	3.8	4.5	0.0	4.5	5.3	0.0	5.3	19.5	0.0	19.5
20	Minnamurra_Q01	18.5	0.0	18.5	27.5	0.0	27.5	34.7	0.0	34.7	40.5	0.0	40.5	49.7	0.0	49.7	204.4	0.0	204.4
21	Minnamurra_Q02	19.9	0.0	19.9	30.1	0.0	30.1	38.1	0.0	38.1	45.2	0.0	45.2	55.8	0.0	55.8	224.2	0.0	224.2
22	Vale_01	1.7	0.4	2.1	2.4	0.6	3.0	2.8	0.6	3.4	3.2	0.7	4.0	3.8	0.8	4.6	14.7	0.0	14.7
23	Merriwa_Q01	0.6	0.2	0.8	0.9	0.2	1.1	1.0	0.2	1.2	1.1	0.3	1.3	1.2	0.3	1.5	4.7	0.0	4.7
24	McIntyre_Q01	0.9	0.9	1.8	1.4	1.0	2.4	1.5	1.1	2.6	1.7	1.1	2.8	2.3	1.1	3.4	11.2	0.0	11.2
25	Dumaresq_Q01	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.5	0.0	0.5
26	Dumaresq_Q02	1.6	0.0	1.6	2.5	0.0	2.5	3.0	0.0	3.0	3.5	0.0	3.5	4.6	0.0	4.6	21.7	0.0	21.7
27	Dumaresq_Q03	3.8	0.0	3.8	6.0	0.0	6.0	7.0	0.0	7.0	8.3	0.0	8.3	10.2	0.0	10.2	41.0	0.0	41.0
28	Dumaresq_Q04	1.7	0.0	1.7	2.5	0.0	2.5	3.2	0.0	3.2	3.8	0.0	3.8	4.5	0.0	4.5	16.3	0.0	16.3
29	Moree_Q01	0.3	0.0	0.3	0.6	0.0	0.6	0.7	0.0	0.7	0.8	0.0	0.8	1.0	0.0	1.0	3.2	0.0	3.2
30	Moree_Q02	0.7	0.0	0.7	1.1	0.0	1.1	1.3	0.0	1.3	1.5	0.0	1.5	1.9	0.0	1.9	7.2	0.0	7.2
31	Moree_Q03	0.2	0.0	0.2	0.2	0.0	0.2	0.2	0.0	0.2	0.3	0.0	0.3	0.3	0.0	0.3	0.7	0.0	0.7
32	Moree_Q04	0.6	0.1	0.7	0.9	0.1	1.0	1.0	0.1	1.1	1.1	0.1	1.2	1.3	0.1	1.4	3.8	0.0	3.8
33	Vale_Q02	3.7	0.3	4.0	6.8	0.4	7.2	8.2	0.4	8.6	9.8	0.5	10.3	12.6	0.5	13.1	61.8	0.1	61.9
34	Vale_Q03	9.2	0.0	9.2	14.0	0.0	14.0	17.0	0.0	17.0	18.9	0.0	18.9	22.4	0.0	22.4	84.4	0.0	84.4
35	StJohns_Q01	0.3	0.1	0.4	0.6	0.1	0.7	1.3	0.1	1.4	0.9	0.1	1.0	0.9	0.1	1.0	3.0	0.0	3.0
36	Bushlands_Q01	2.4	0.1	2.5	1.9	0.1	2.0	3.9	0.1	4.0	3.6	0.1	3.7	2.7	0.1	2.8	9.9	0.0	9.9
37	Yarabah_Q01	1.2	0.3	1.5	1.7	0.3	2.0	1.9	0.3	2.2	2.1	0.4	2.5	2.6	0.4	3.0	10.0	0.0	10.0

Table E-2 Summary of Peak Flows, Partially Blocked Scenario (cont')

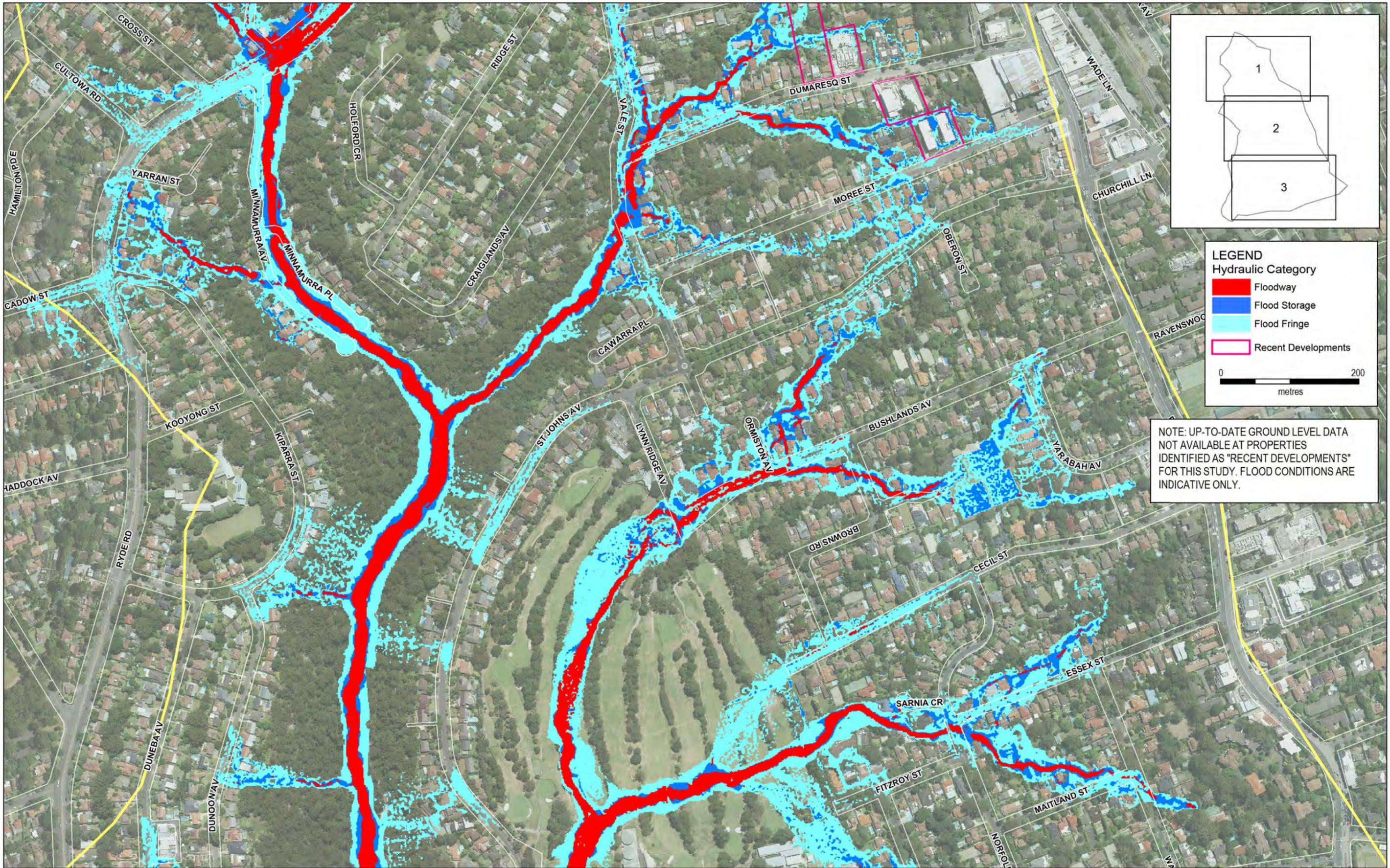
ID	Location	Overland, Pipe and Total Flows (m3/s)																	
		20%			5%			2%			1%			0.5%			PMF		
		2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total	2D	1D	Total
38	Yarabah_Q02	0.3	0.1	0.4	0.4	0.1	0.6	0.5	0.1	0.6	0.5	0.1	0.7	0.6	0.2	0.8	2.3	0.0	2.3
39	Browns_Q01	1.7	1.1	2.8	3.1	1.3	4.4	3.9	1.3	5.2	4.5	1.3	5.9	5.5	1.3	6.8	25.4	0.0	25.4
40	Bushlands_Q02	1.7	0.7	2.4	3.3	0.9	4.2	4.2	1.0	5.3	5.2	1.1	6.3	6.4	1.2	7.5	33.3	0.3	33.6
41	Bushlands_Q03	2.9	1.4	4.4	5.4	1.7	7.2	6.8	1.8	8.6	8.1	1.8	9.9	9.8	1.9	11.7	44.4	0.0	44.4
42	Essex_Q01	1.5	0.4	2.0	2.2	0.4	2.6	2.4	0.5	2.9	2.8	0.5	3.3	3.3	0.5	3.8	12.4	0.0	12.4
43	Warwick_Q01a	1.6	0.3	1.8	2.2	0.4	2.6	2.6	0.4	3.0	3.0	0.4	3.4	3.4	0.4	3.8	12.6	0.0	12.6
44	Maitland_Q01	3.3	0.0	3.3	4.6	0.0	4.6	5.2	0.0	5.2	6.0	0.0	6.0	6.8	0.0	6.8	24.0	0.0	24.0
45	Norfolk_Q01	4.6	1.7	6.3	6.7	2.2	8.9	7.5	2.3	9.8	8.7	2.5	11.2	10.1	2.6	12.7	41.6	0.9	42.4
46	Sarnia_Q01	0.7	0.0	0.7	1.5	0.0	1.5	1.9	0.0	1.9	2.5	0.0	2.5	3.2	0.0	3.2	14.7	0.0	14.7
47	Norfolk_Q02a	7.1	0.0	7.1	10.2	0.0	10.2	11.4	0.0	11.4	12.8	0.0	12.8	15.3	0.0	15.3	55.8	0.0	55.8
48	Lyon_Q01	0.0	0.7	0.7	0.0	0.8	0.8	0.0	0.9	0.9	0.0	0.9	0.9	0.3	1.0	1.3	3.9	0.0	3.9
49	Warwick_Q01b	0.2	0.0	0.3	0.3	0.0	0.4	0.4	0.0	0.4	0.4	0.0	0.5	0.5	0.1	0.5	1.6	0.0	1.6
50	Buckingham_Q01	1.1	0.0	1.1	1.5	0.0	1.5	1.7	0.0	1.7	1.8	0.0	1.8	2.2	0.0	2.2	10.3	0.0	10.3
51	Buckingham_Q02	1.6	0.0	1.6	2.1	0.0	2.1	2.3	0.0	2.3	3.7	0.0	3.7	3.8	0.0	3.8	12.1	0.0	12.1
52	Norfolk_Q02b	2.7	0.0	2.7	4.5	0.0	4.5	4.9	0.0	4.9	5.6	0.0	5.6	6.3	0.0	6.3	28.9	0.0	28.9
53	Calvert_Q01	0.2	2.0	2.2	1.2	3.0	4.2	2.9	3.2	6.1	4.5	3.2	7.7	7.2	3.3	10.5	39.3	0.0	39.3
54	Calvert_Q02	2.5	0.0	2.5	3.5	0.0	3.5	5.7	0.0	5.7	7.6	0.0	7.6	10.8	0.0	10.8	49.5	0.0	49.5
55	Norfolk_Q03	4.3	0.0	4.3	6.2	0.0	6.2	7.1	0.0	7.1	8.4	0.0	8.4	9.6	0.0	9.6	38.9	0.0	38.9
56	GGC_Q01	7.3	0.0	7.3	11.2	0.0	11.2	13.6	0.0	13.6	15.5	0.0	15.5	18.9	0.0	18.9	75.3	0.0	75.3
57	GGC_Q02	10.4	0.0	10.4	15.1	0.0	15.1	17.6	0.0	17.6	20.0	0.0	20.0	24.6	0.0	24.6	100.6	0.0	100.6
58	GGC_Q03	18.4	0.0	18.4	27.3	0.0	27.3	32.7	0.0	32.7	37.2	0.0	37.2	44.6	0.0	44.6	177.6	0.0	177.6
59	KGC_Q01	3.6	0.0	3.6	4.6	0.0	4.6	6.7	0.0	6.7	9.0	0.0	9.0	12.9	0.0	12.9	59.6	0.0	59.6
60	KGC_Q02	3.1	0.4	3.5	4.3	0.5	4.8	4.6	0.6	5.2	5.3	0.6	5.9	6.2	0.6	6.7	22.3	0.0	22.3
61	KGC_Q03	9.1	0.0	9.1	11.1	0.0	11.1	14.6	0.0	14.6	15.0	0.0	15.0	18.4	0.0	18.4	48.7	0.0	48.7
62	GolfLinks_Q01	0.9	4.2	5.0	6.0	4.2	10.2	7.4	4.3	11.7	8.5	4.3	12.8	11.0	4.3	15.3	52.8	0.0	52.8
63	Bowes_Q01	6.5	0.0	6.5	12.0	0.0	12.0	15.0	0.0	15.0	17.6	0.0	17.6	19.9	0.0	19.9	79.6	0.0	79.6
64	Bowes_Q02	2.4	5.6	8.0	6.9	6.8	13.7	10.6	6.9	17.6	13.5	7.1	20.6	16.5	7.2	23.7	84.8	0.0	84.8
65	Banyula_Q01	8.8	0.0	8.8	14.4	0.0	14.4	18.5	0.0	18.5	21.9	0.0	21.9	25.2	0.0	25.2	101.1	0.0	101.1
66	StJohns_Q02	27.9	0.0	27.9	43.1	0.0	43.1	54.9	0.0	54.9	66.1	0.0	66.1	81.9	0.0	81.9	318.5	0.0	318.5
67	Stjohns_Q03	29.6	0.0	29.6	45.4	0.0	45.4	57.4	0.0	57.4	68.8	0.0	68.8	85.7	0.0	85.7	330.3	0.0	330.3
68	BBC_Q01	30.8	0.0	30.8	47.4	0.0	47.4	59.6	0.0	59.6	70.9	0.0	70.9	90.3	0.0	90.3	341.6	0.0	341.6
69	BBC_Q02	32.8	0.0	32.8	50.9	0.0	50.9	63.2	0.0	63.2	74.8	0.0	74.8	94.5	0.0	94.5	367.1	0.0	367.1
70	BBC_Q03	18.4	0.0	18.4	27.6	0.0	27.6	32.9	0.0	32.9	37.1	0.0	37.1	44.6	0.0	44.6	174.6	0.0	174.6
71	BBC_Q04	26.4	0.0	26.4	39.0	0.0	39.0	46.5	0.0	46.5	52.7	0.0	52.7	67.0	0.0	67.0	281.4	0.0	281.4
72	BBC_Q05	34.8	0.0	34.8	52.7	0.0	52.7	64.5	0.0	64.5	73.7	0.0	73.7	90.2	0.0	90.2	375.6	0.0	375.6
73	BBC_Q06	59.9	0.0	59.9	89.2	0.0	89.2	114.4	0.0	114.4	138.1	0.0	138.1	178.4	0.0	178.4	682.8	0.0	682.8
74	BBC_Q07	60.4	0.0	60.4	90.0	0.0	90.0	115.1	0.0	115.1	139.3	0.0	139.3	179.7	0.0	179.7	694.7	0.0	694.7

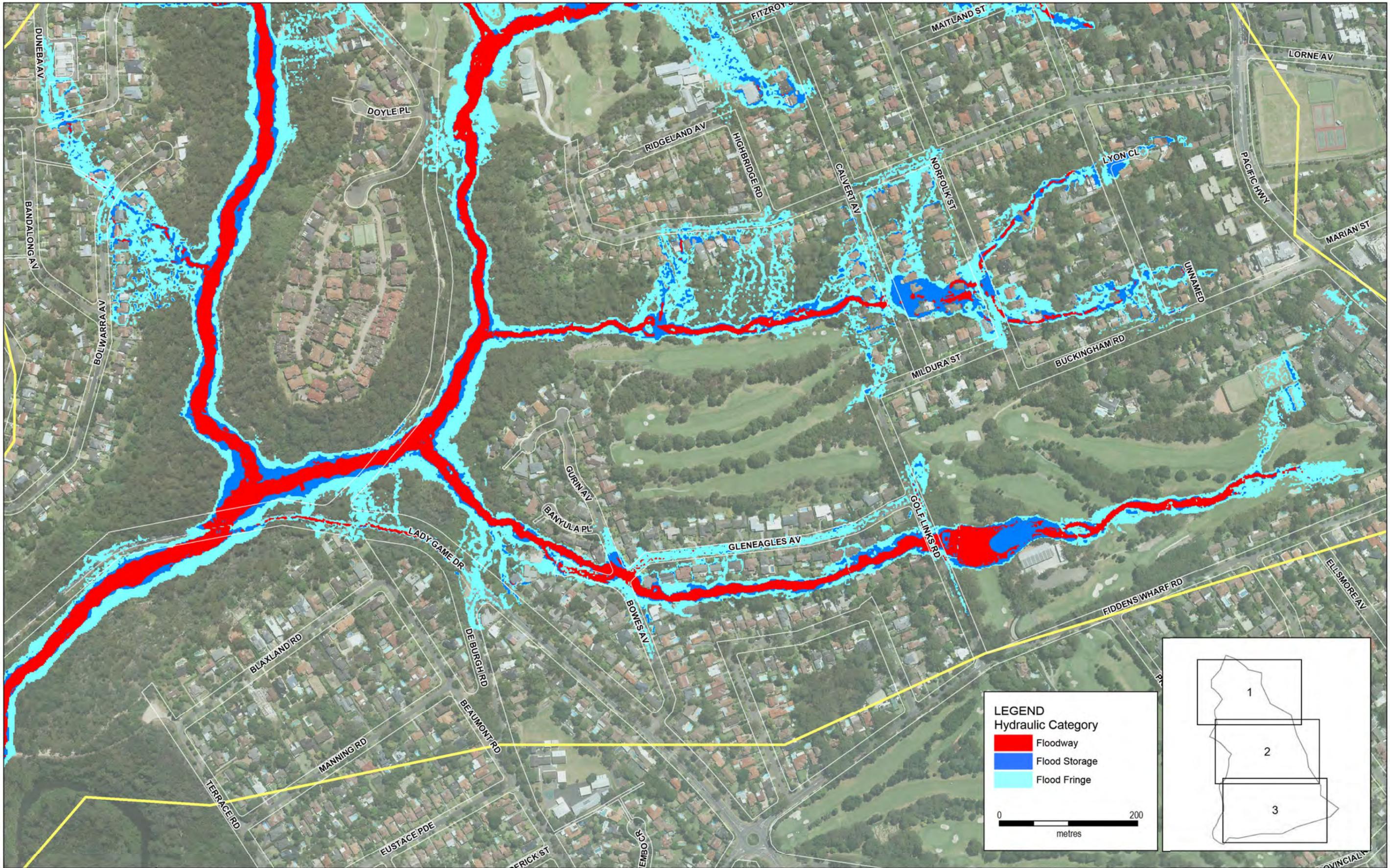
Appendix F. Hydraulic Categories Mapping



NOTE: UP-TO-DATE GROUND LEVEL DATA NOT AVAILABLE AT PROPERTIES IDENTIFIED AS "RECENT DEVELOPMENTS" FOR THIS STUDY. FLOOD CONDITIONS ARE INDICATIVE ONLY.

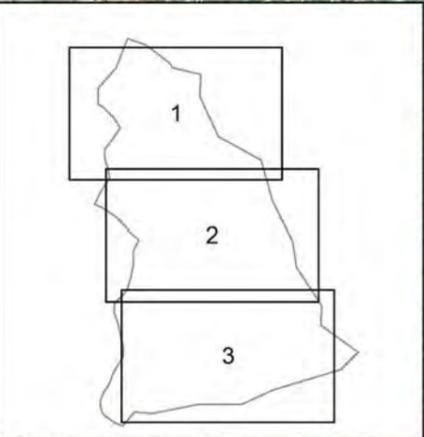






Appendix G. Provisional Flood Hazard Mapping





LEGEND

Hazard Category

- High
- Transitional
- Low
- Recent Developments

0 200
metres

NOTE: UP-TO-DATE GROUND LEVEL DATA NOT AVAILABLE AT PROPERTIES IDENTIFIED AS "RECENT DEVELOPMENTS" FOR THIS STUDY. FLOOD CONDITIONS ARE INDICATIVE ONLY.

