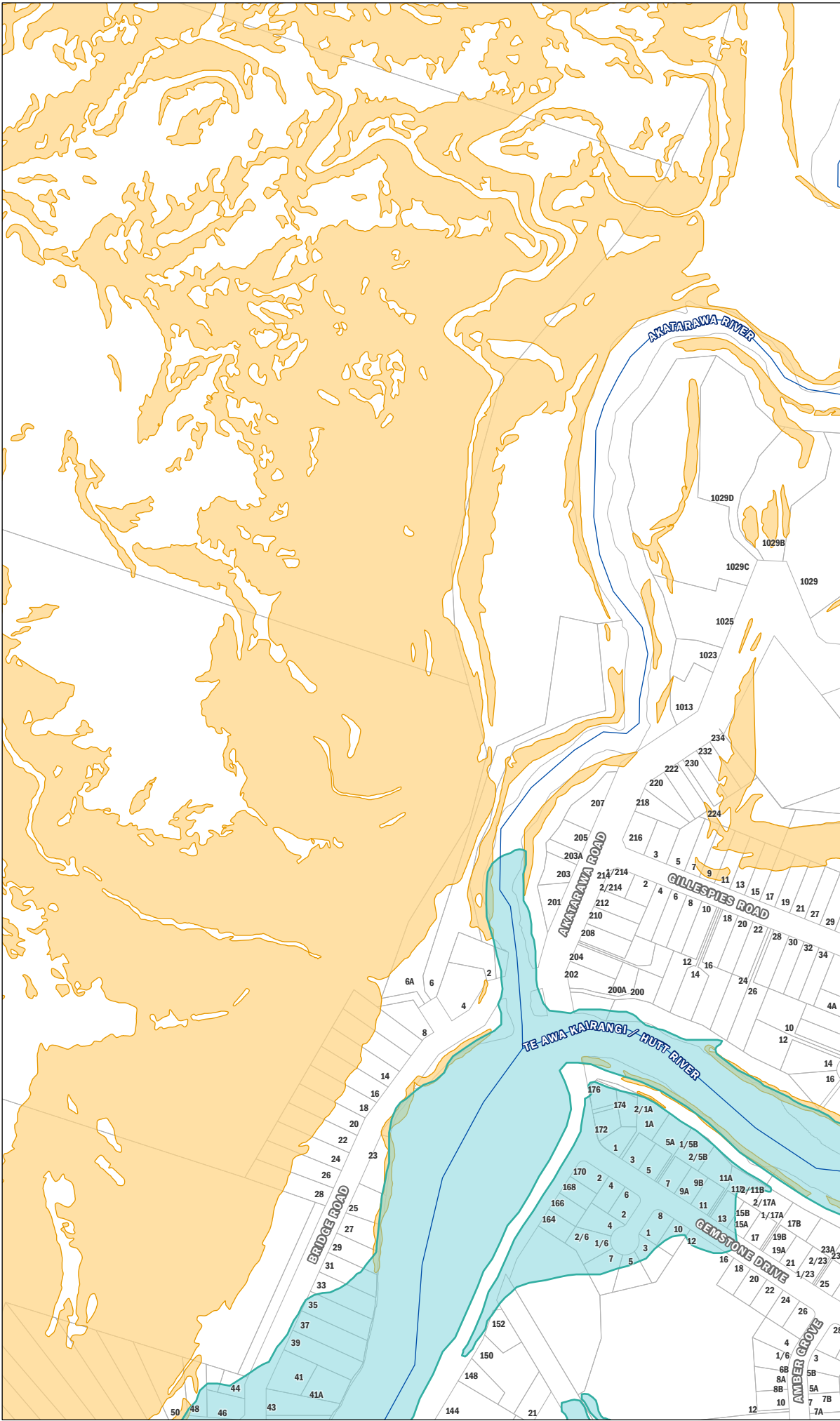
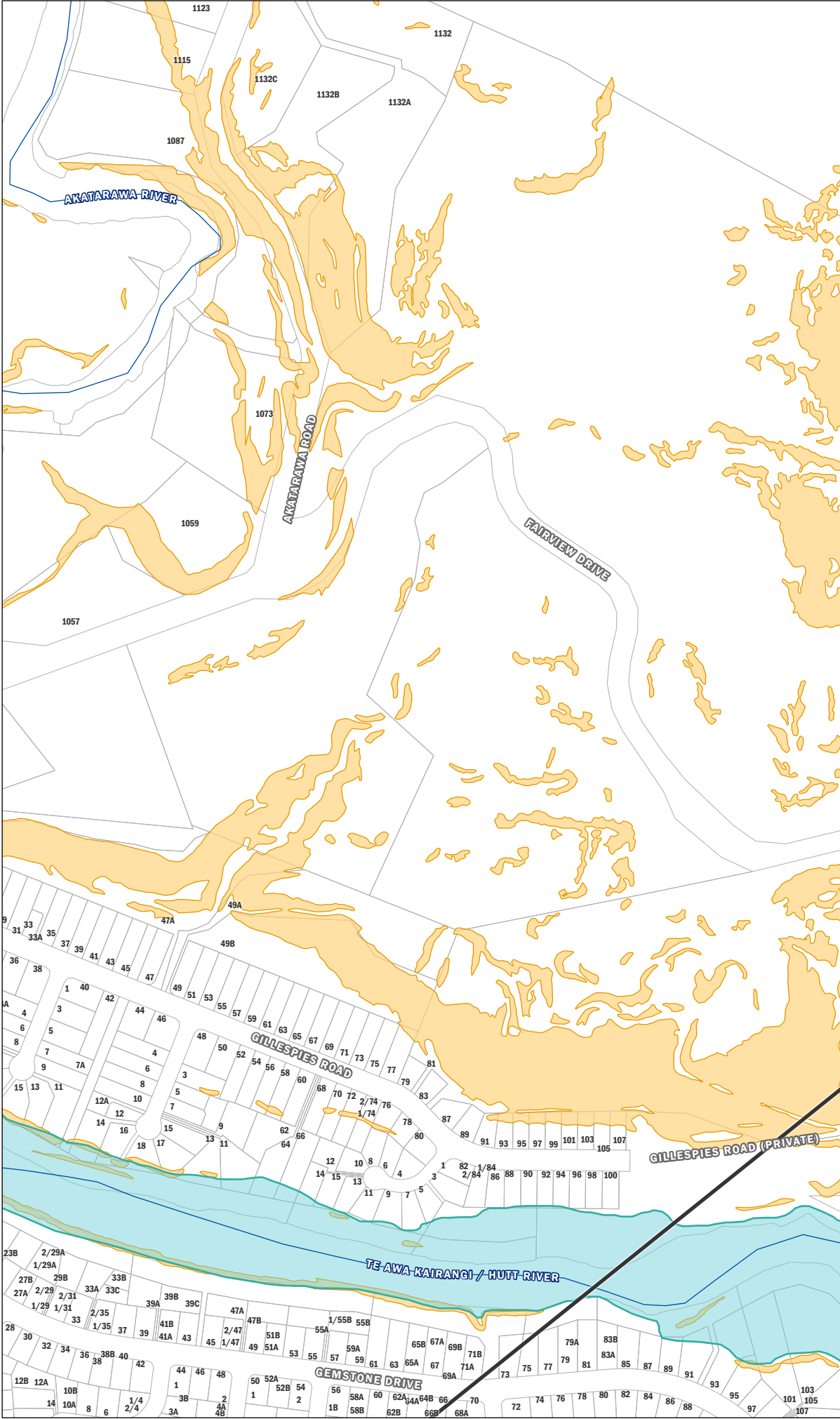


URBAN HAZARD
MAP 1

										1		2				3	
				5		6		7		8		9		10		11	
6		17		18		19		20		21							

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area



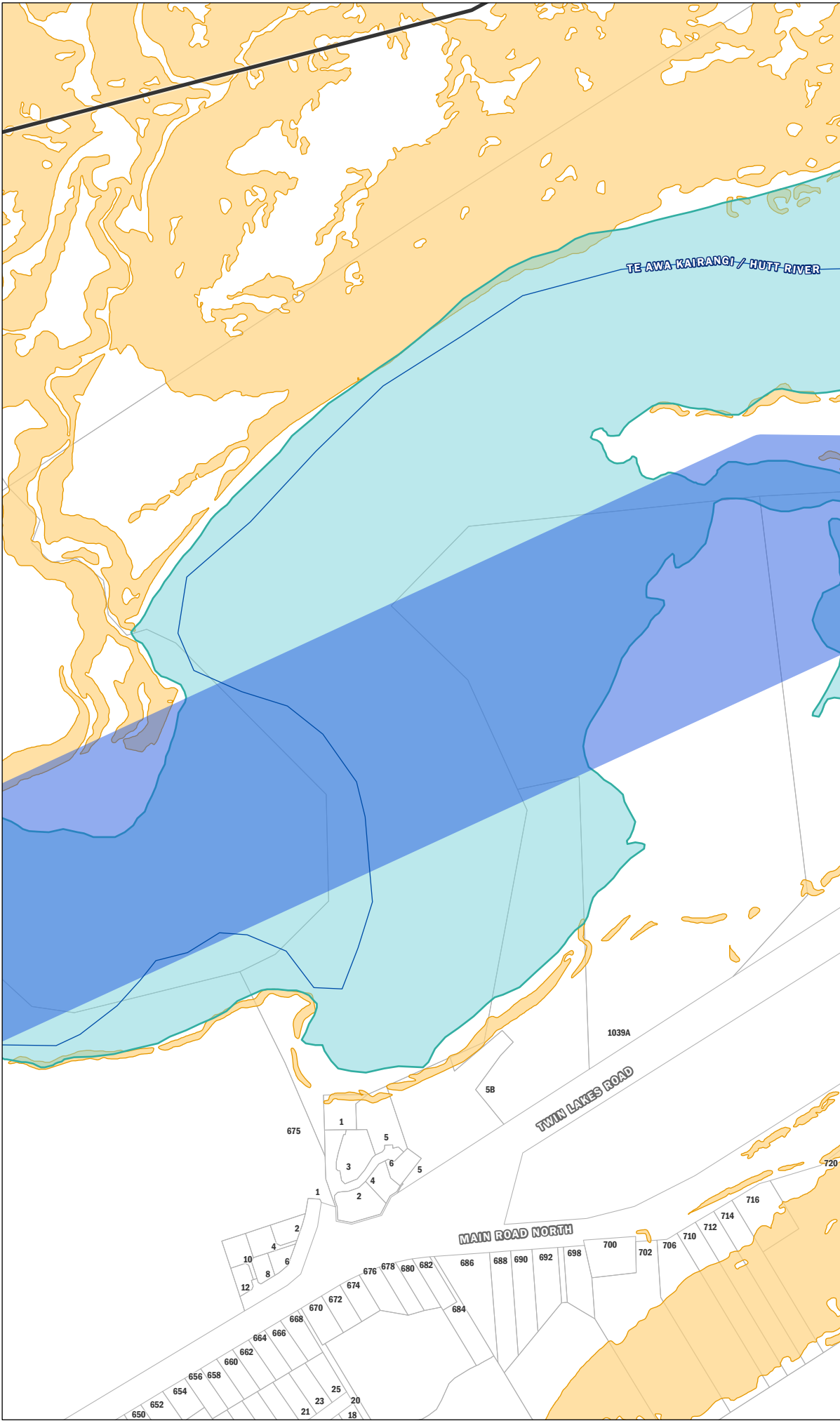


URBAN HAZARD
MAP 2

				1	2			3						
5	6	7	8	9	10	11	12							
7	18	19	20	21										

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area





URBAN HAZARD MAP 3

1	2					3
7	8	9	10	11	12	
0	21					

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area



URBAN HAZARD
MAP 4

4						
	13	14	15	16	1	
	22	23	24	25	26	2

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area

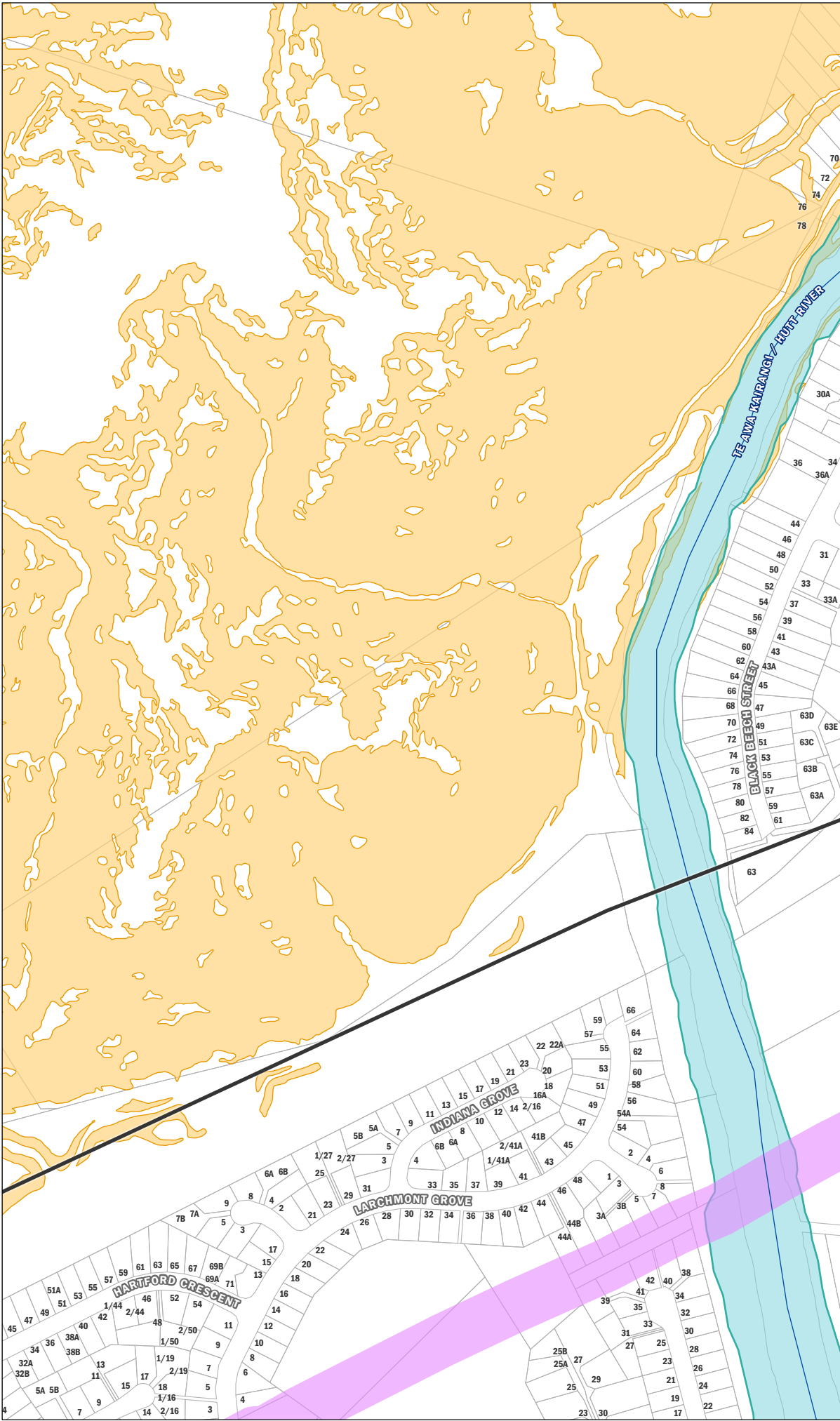




URBAN HAZARD MAP 5

					1	2
					5	6
					7	8
4	15	16	17	18	19	20
4	25	26	27	28	29	30

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- Operative District Plan Hazards
- National Grid Lines
- Mangarua Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- Wellington Fault Band
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- Pinehaven & Mangarua Flood Hazard Extent
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangarua Erosion Hazard Area
- Mangarua River Corridor
- Mangarua Overflow Path
- Mangarua Ponding Area

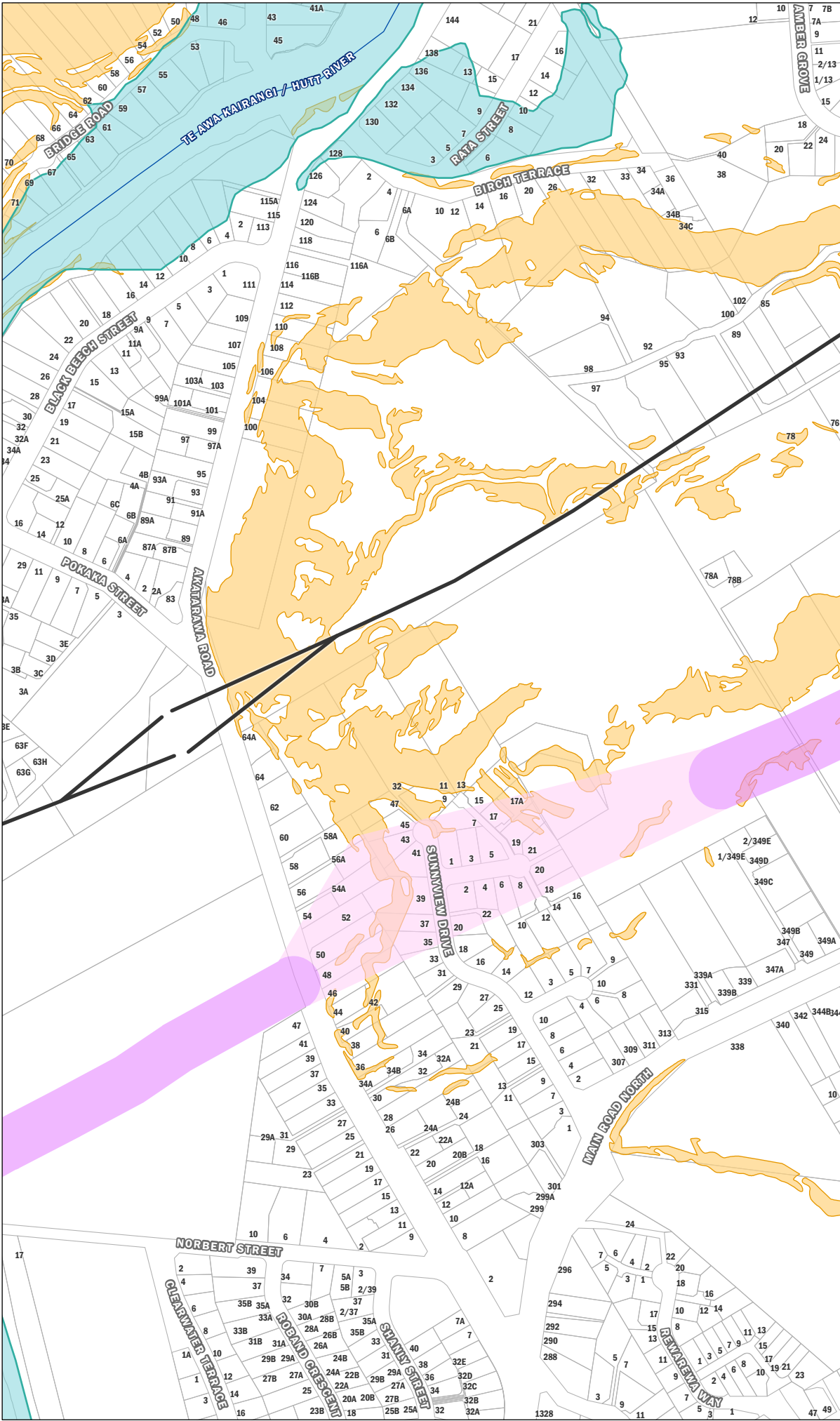


URBAN HAZARD
MAP 6

								1	2
				5	6	7	8	9	1
5	16	17	18	19	20	21			
5	26	27	28	29	30				

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



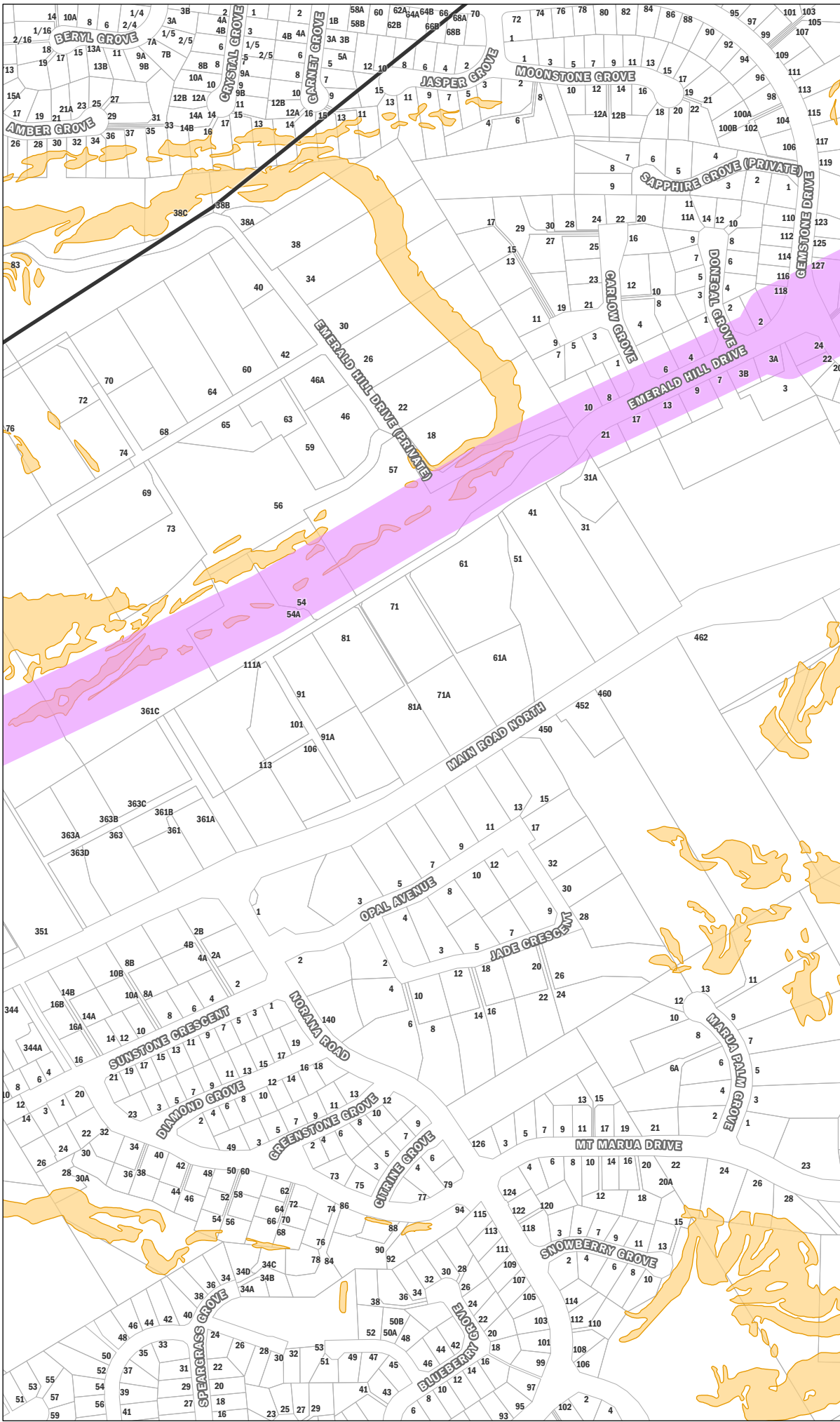


URBAN HAZARD MAP 7

			1	2		3
		5	6	7	8	9
6	17	18	19	20	21	
6	27	28	29	30		

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area





URBAN HAZARD MAP 8

			1	2		3	
	5	6	7	8	9	10	11
7	18	19	20	21			
7	28	29	30				

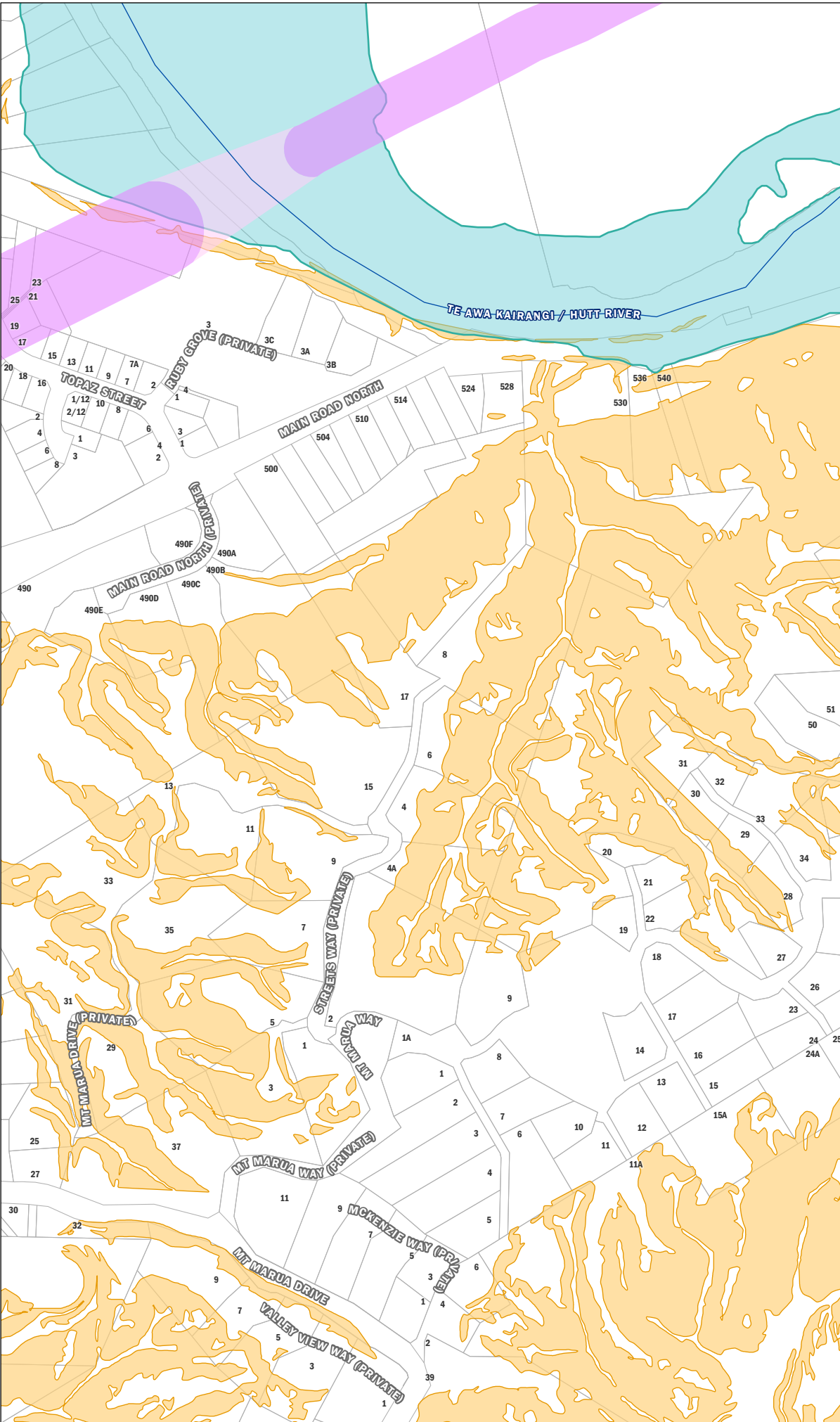
- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



URBAN HAZARD
MAP 9

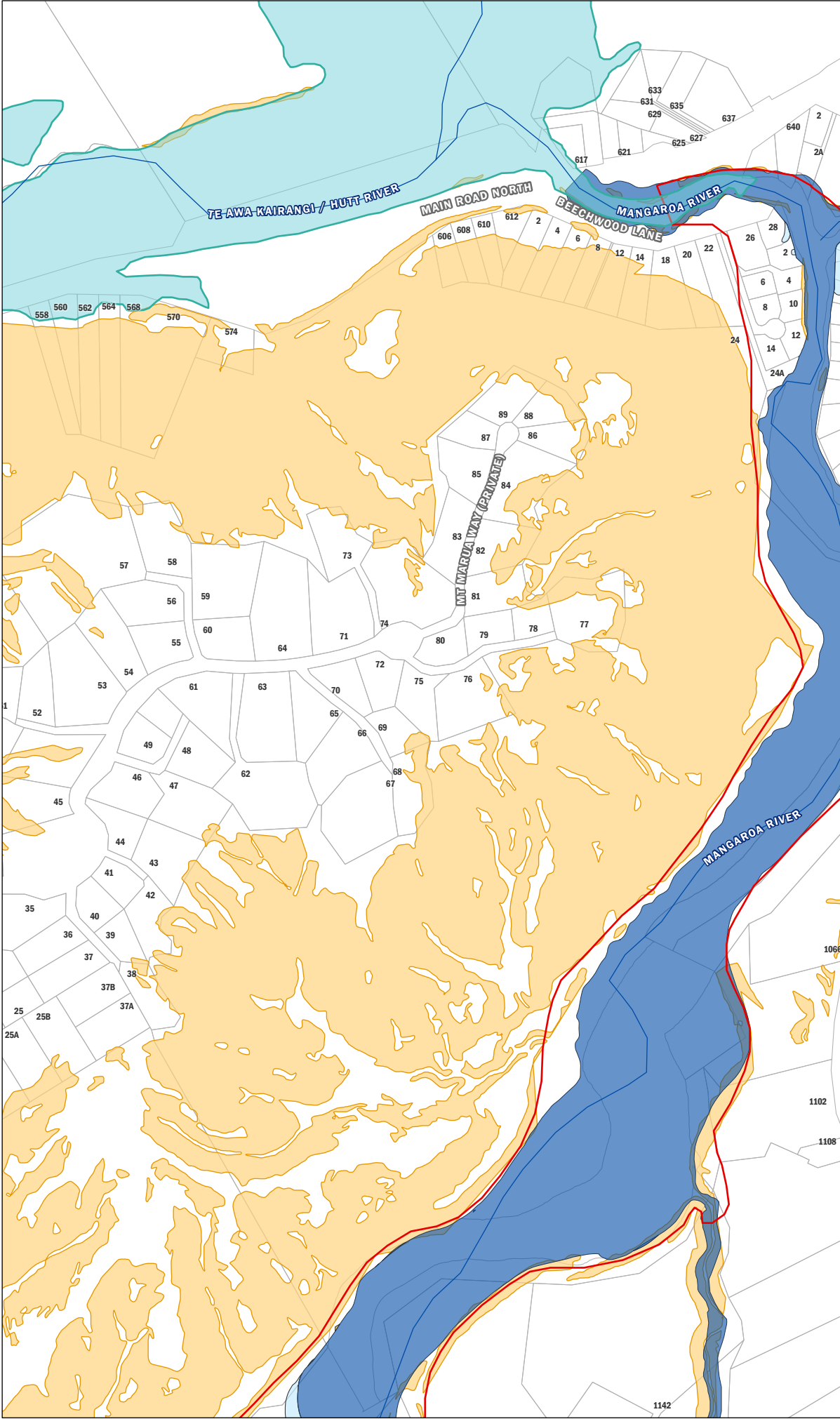
		1	2		3	
5	6	7	8	9	10	11
8	19	20	21			
8	29	30				

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area



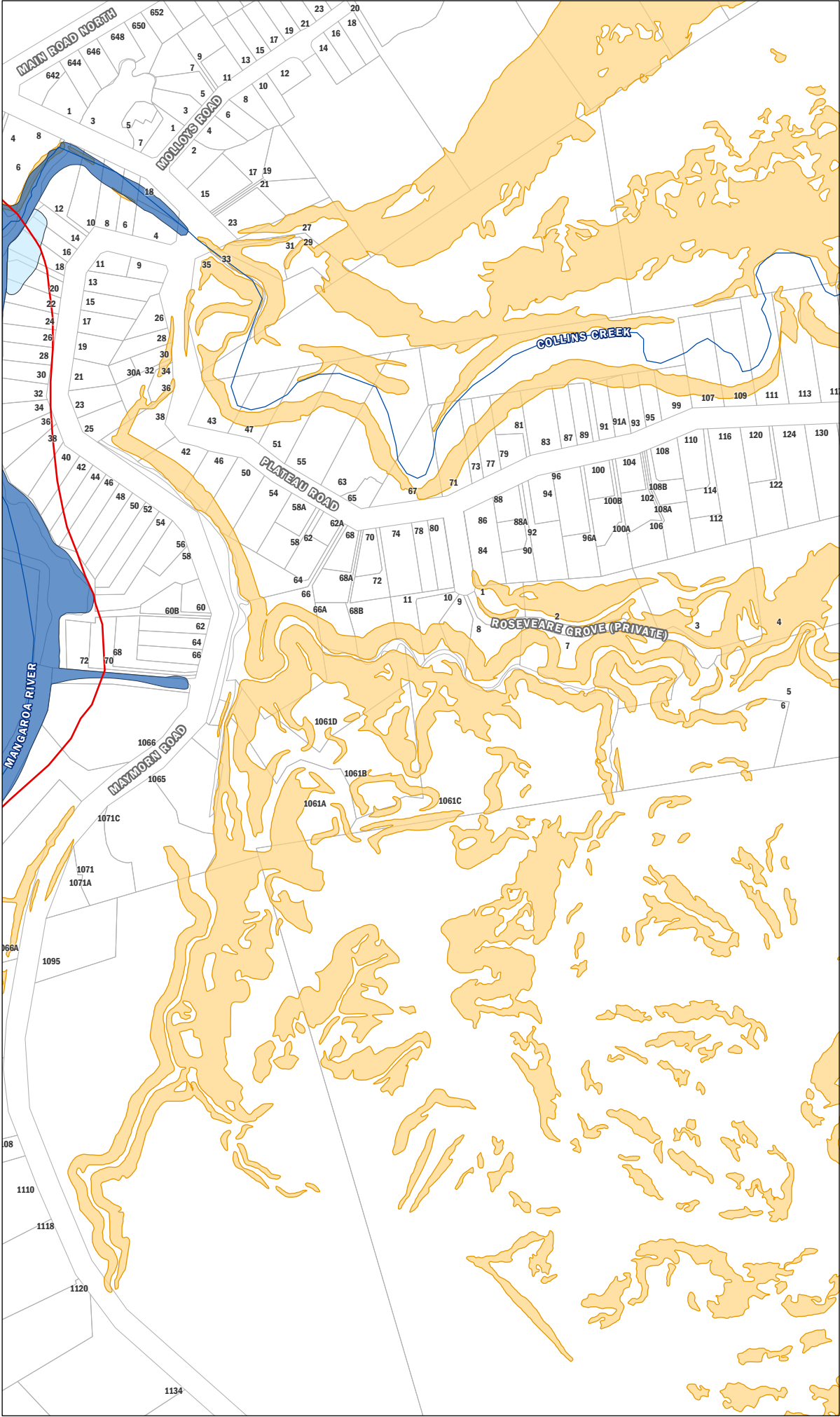
URBAN HAZARD
MAP 10

	1	2		3	
6	7	8	9	10	11
9	20	21			
9	30				



- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area

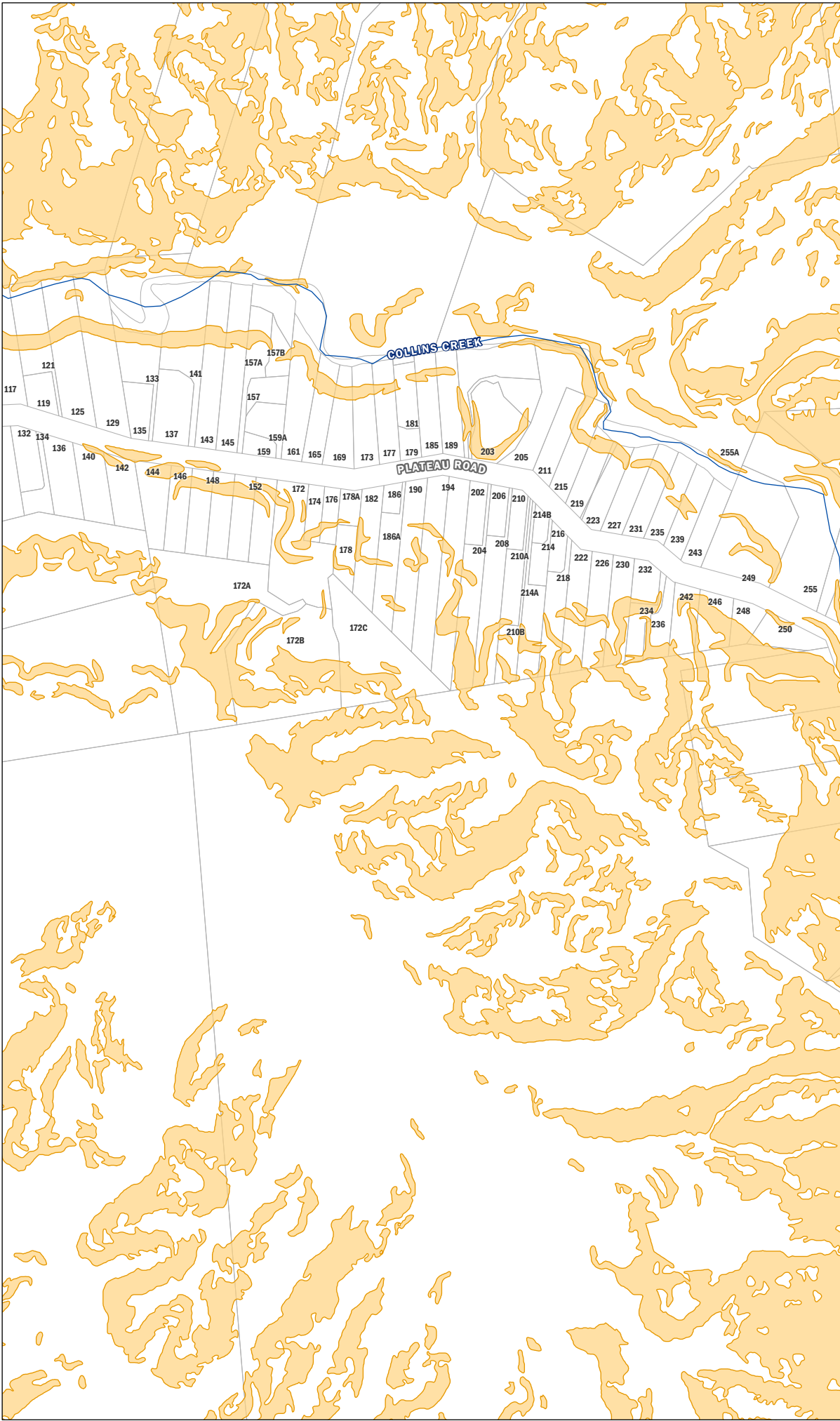




URBAN HAZARD MAP 11

1	2					3
7	8	9	10	11	12	
0	21					
0						

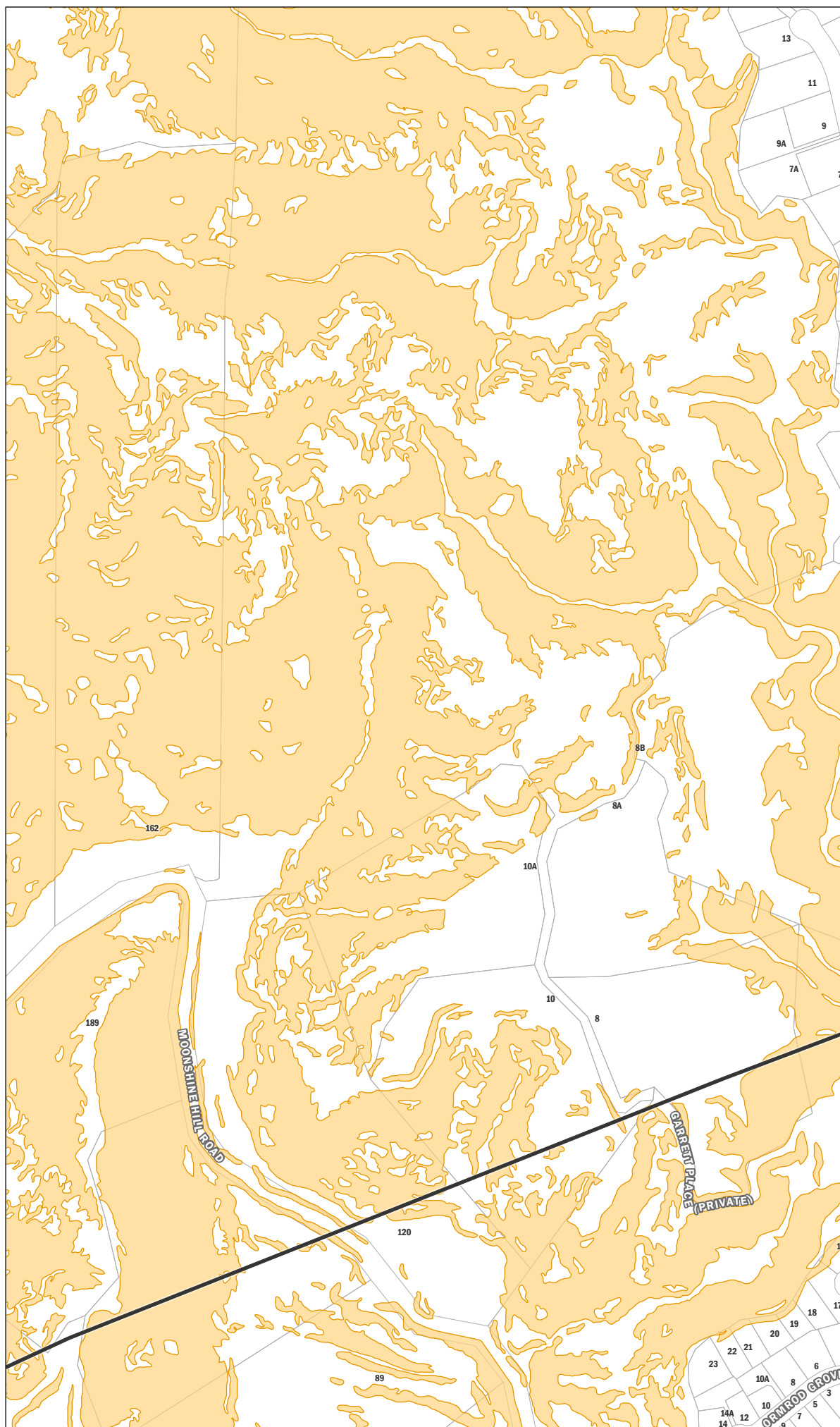
- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



URBAN HAZARD
MAP 12

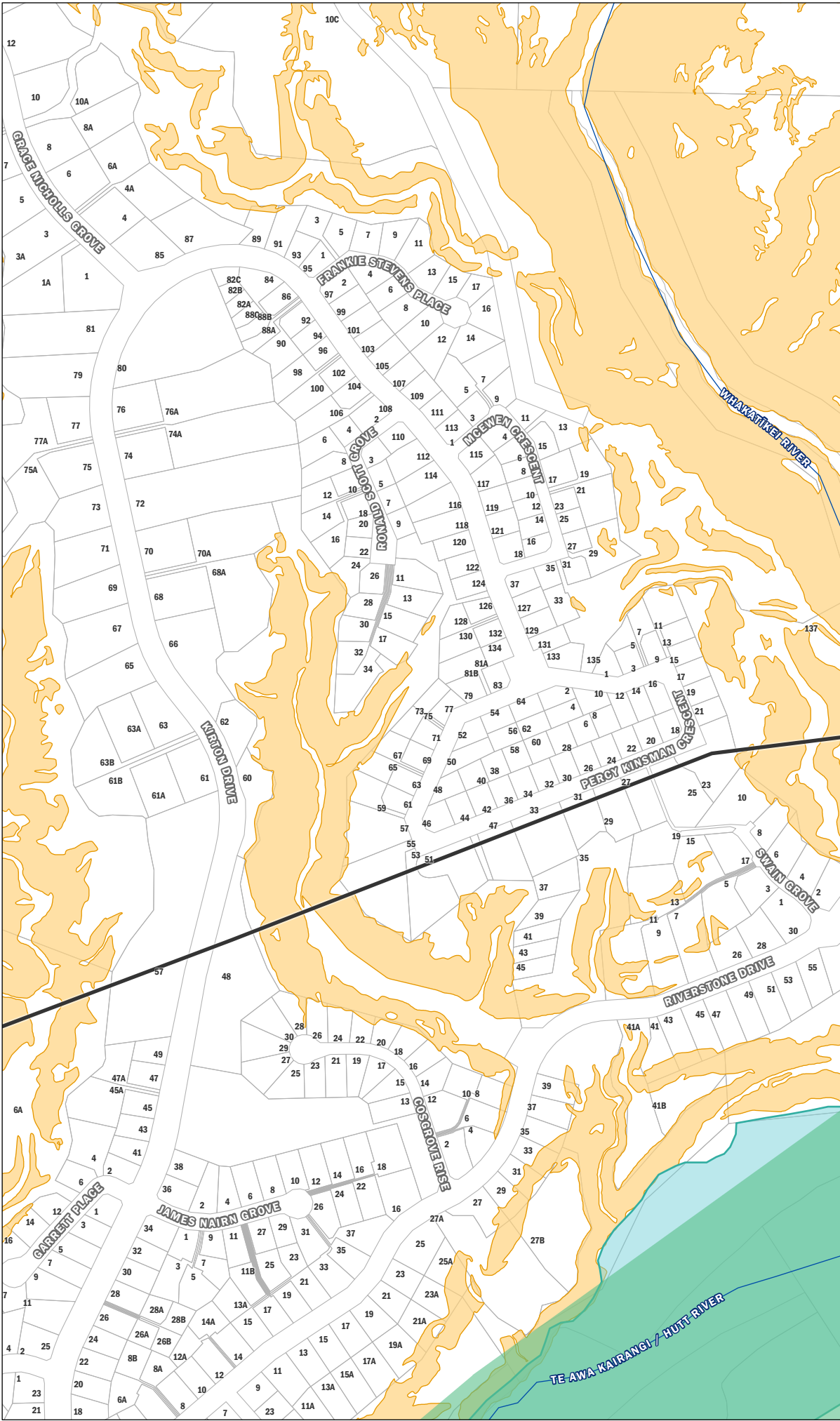
2			3	
8	9	10	11	12
1				

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



URBAN HAZARD MAP 13

31	32	33	34	35	36	37	38	39	40
22	23	24	25	26	27	28	29	30	
13	14	15	16	17	18	19	20		
4	5	6	7	8	9	10	11		
1	2	3	4	5	6	7	8		



URBAN HAZARD MAP 14

										4												5			
										13		14		15		16		17		1					
										22		23		24		25		26		27		2			
1		32		33		34		35		36		37		38											

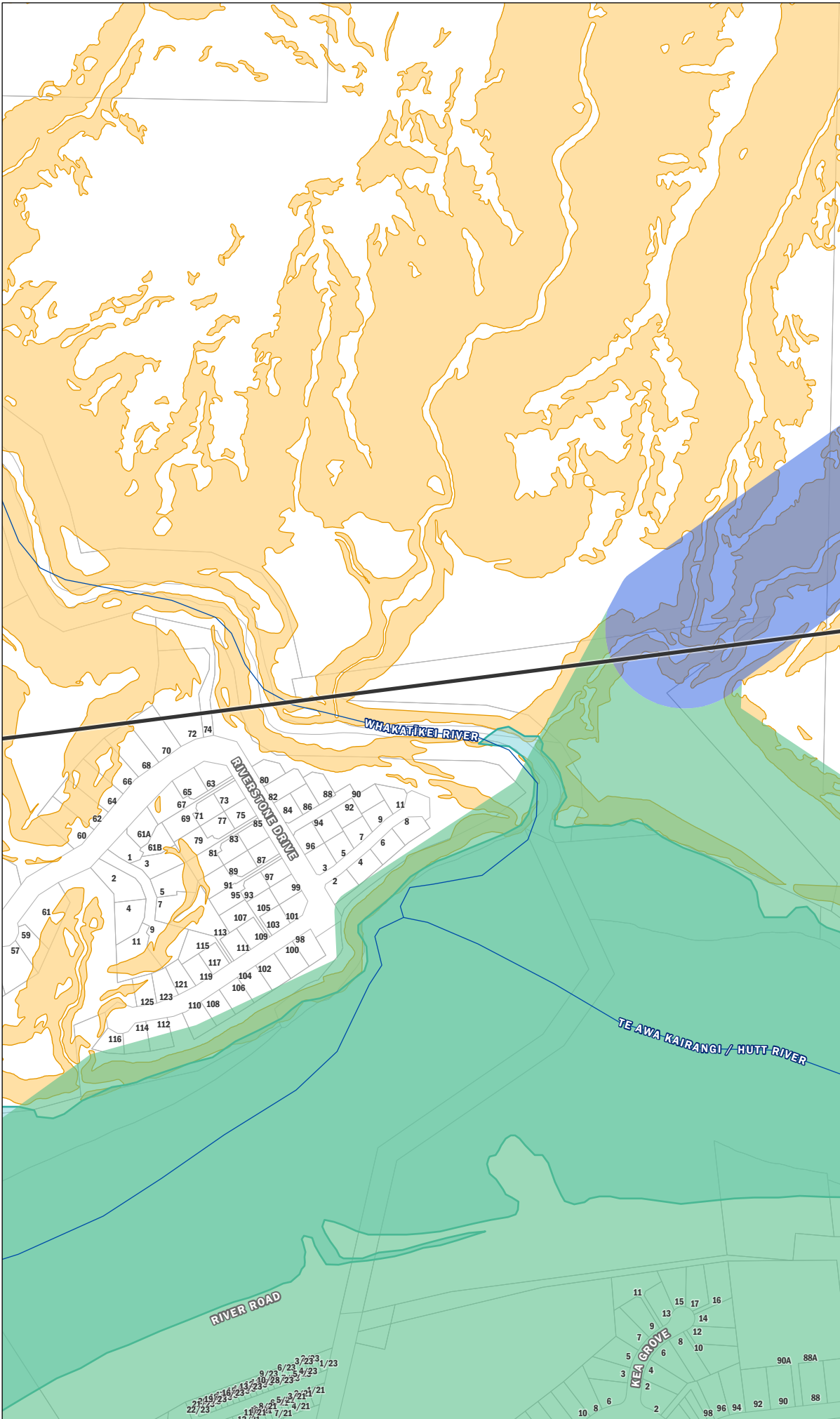
- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area

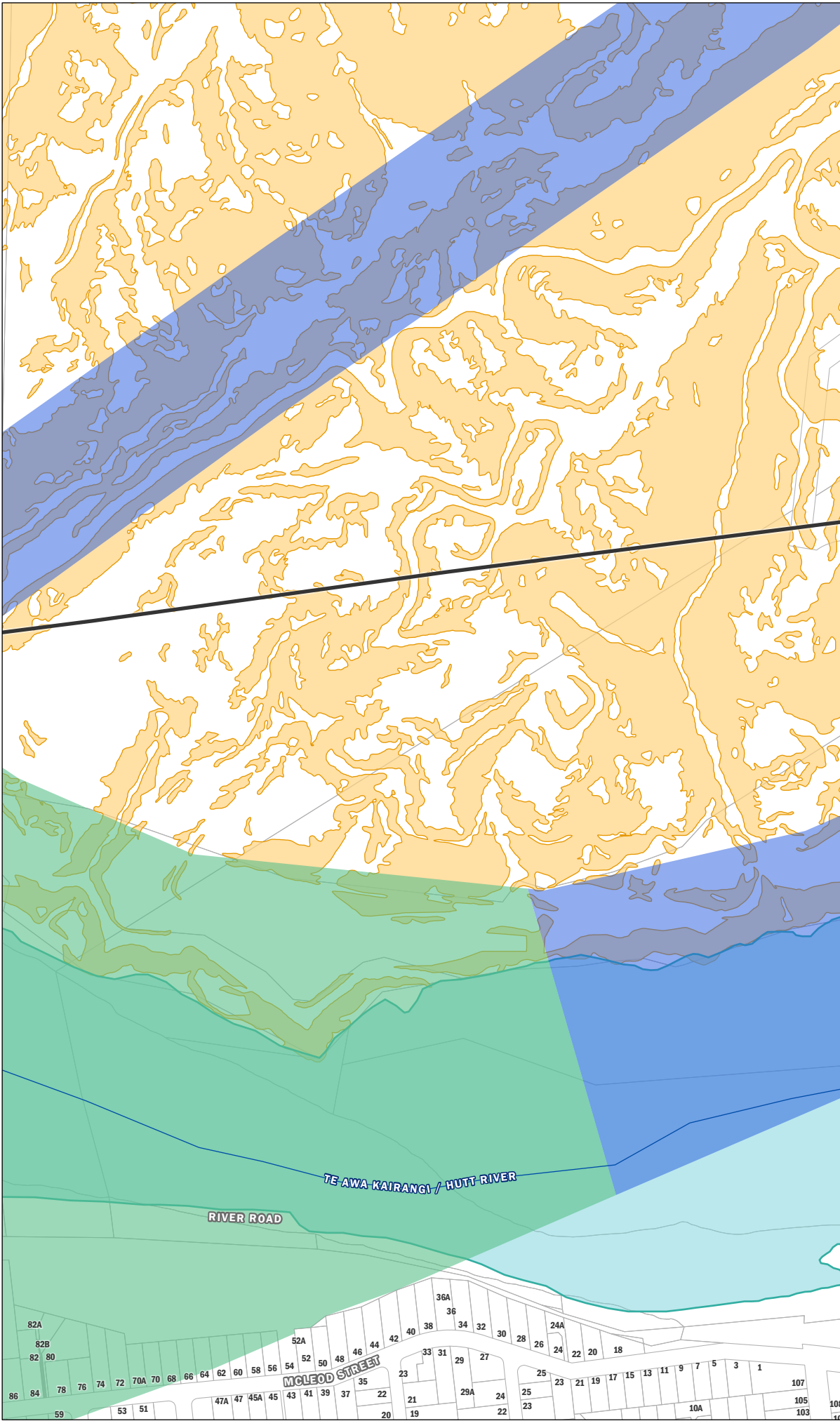


URBAN HAZARD
MAP 15

	4				5	6
	13	14	15	16	17	18
22	23	24	25	26	27	28
2	33	34	35	36	37	38

- Land Parcels
-
- Rivers & Streams

OPERATIVE DISTRICT PLAN HAZARDS**WELLINGTON FAULT BAND****PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**

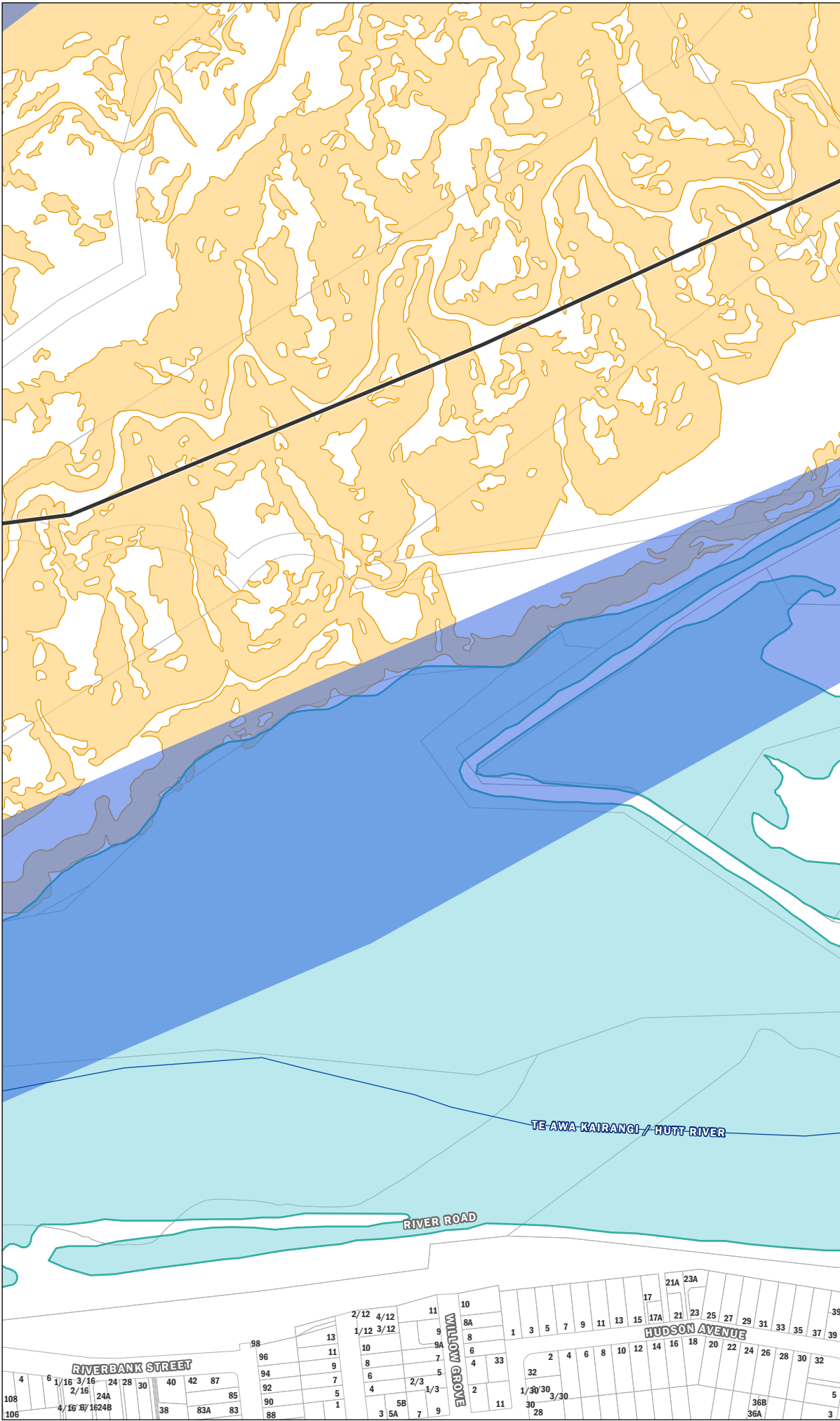


URBAN HAZARD
MAP 16

							1
4					5	6	7
13	14	15	16	17	18	19	2
23	24	25	26	27	28	29	3
34	35	36	37	38			

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area





URBAN HAZARD
MAP 17

				1	2
4					8
3	14	15	16	17	18
3	24	25	26	27	28
4	35	36	37	38	

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt

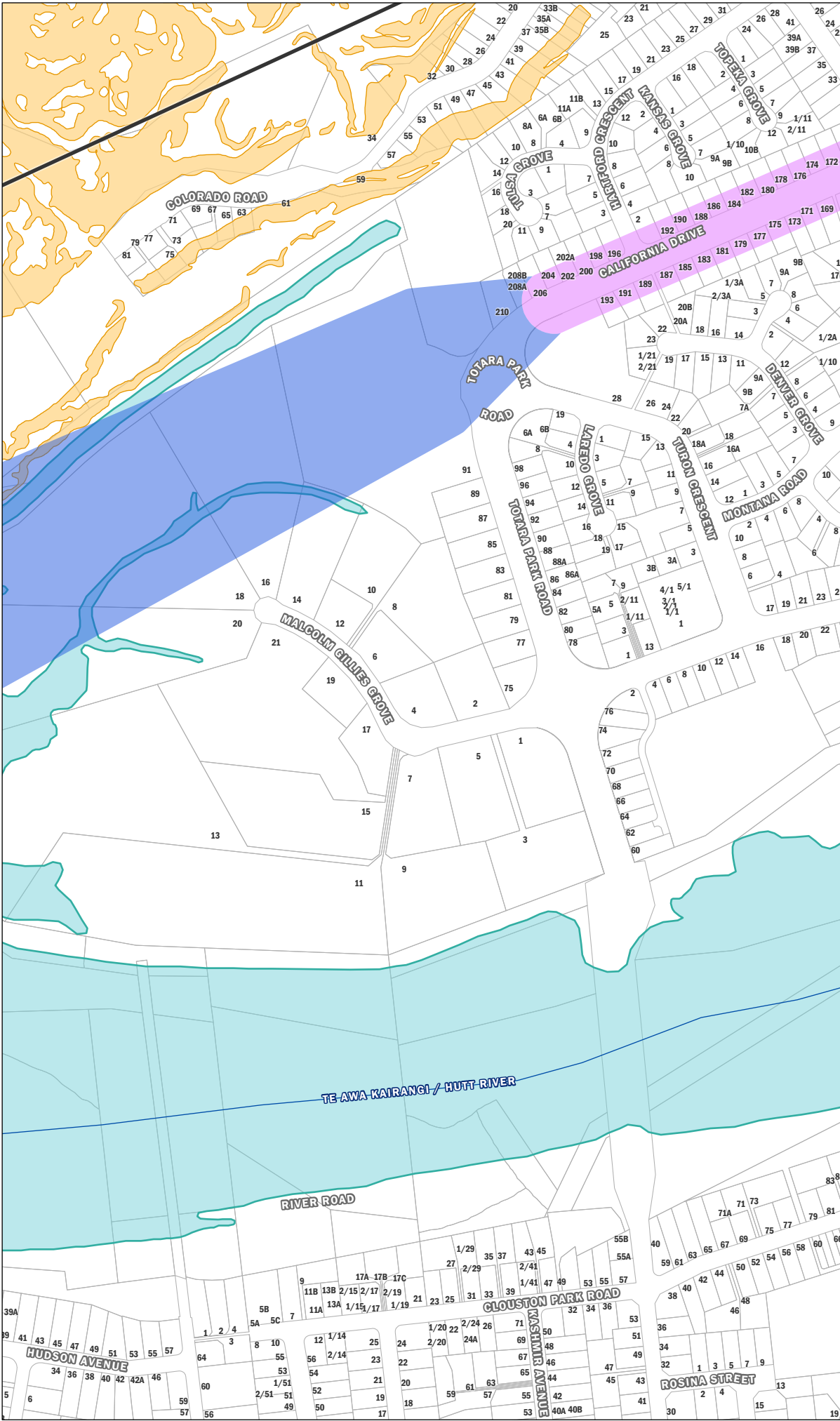
OPERATIVE DISTRICT PLAN HAZARDS

- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed

PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT

- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area



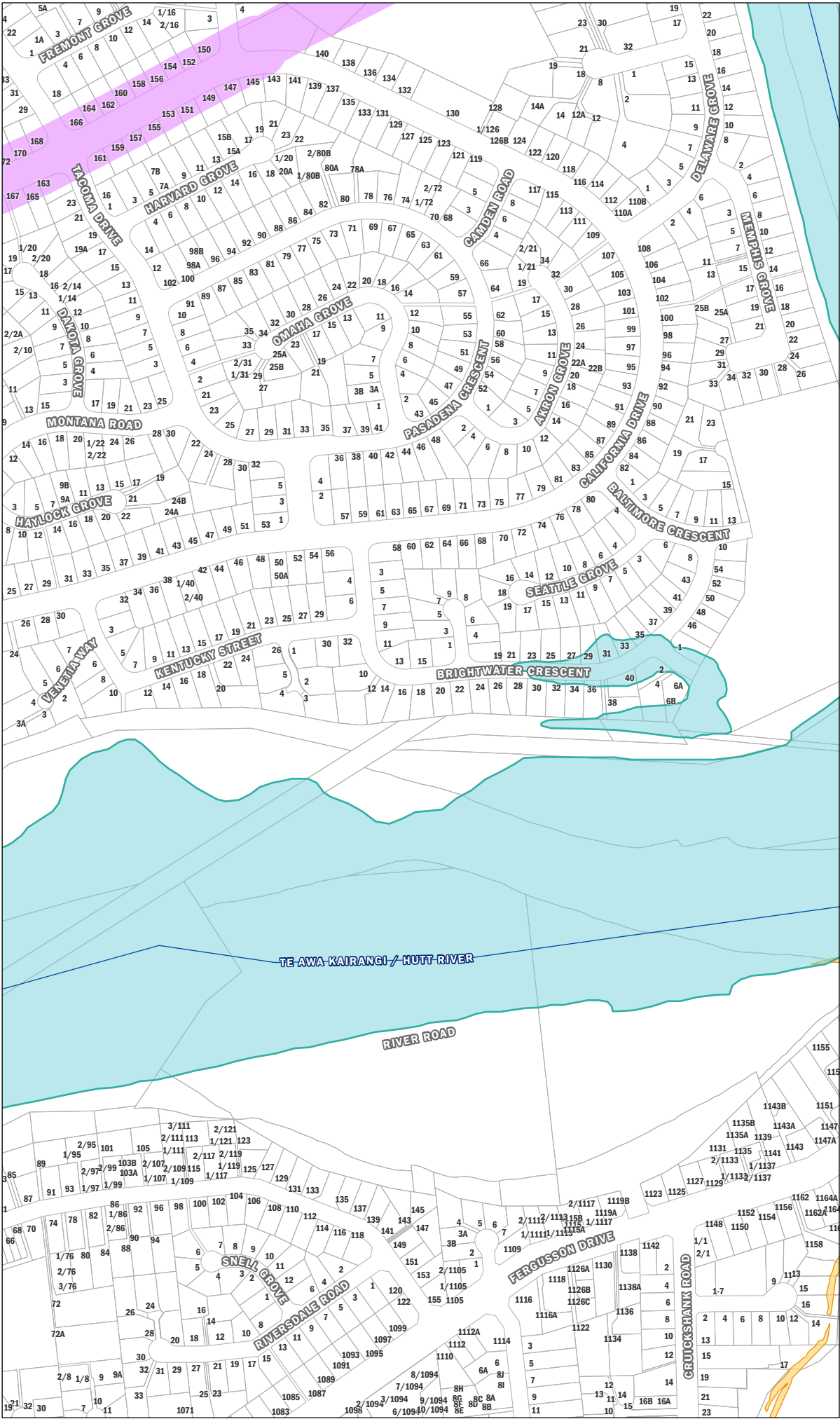


URBAN HAZARD MAP 18

				1	2	
			5	6	7	8
4	15	16	17	18	19	20
4	25	26	27	28	29	30
5	36	37	38			

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



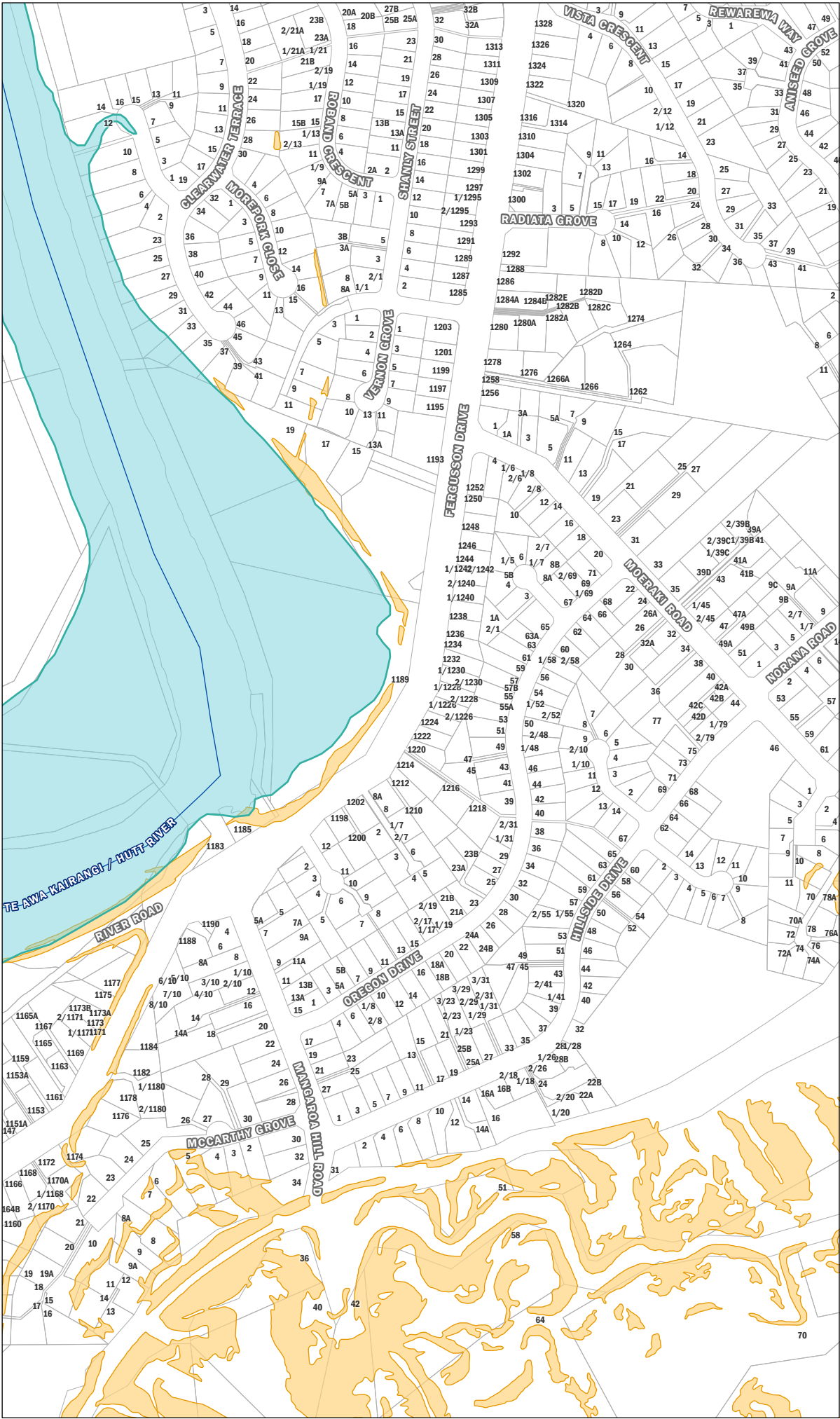


URBAN HAZARD MAP 19

				1	2	
			5	6	7	8
						9
5	16	17	18	19	20	21
5	26	27	28	29	30	
6	37	38				

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area





URBAN HAZARD MAP 20

			1	2		3
		5	6	7	8	9
6	17	18	19	20	21	
6	27	28	29	30		
7	38					

Land Parcels

Rivers & Streams

City Boundary

Areas Outside of Upper Hutt

OPERATIVE DISTRICT PLAN HAZARDS

National Grid Lines

Mangaroa Peat Overlay

100 year Flood Extent

Slope Hazard Overlay

WELLINGTON FAULT BAND

Well Defined

Well Defined - Extension

Uncertain - Constrained

Uncertain - Poorly Constrained

Distributed

PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT

Pinehaven Catchment Overlay

Pinehaven Stream Corridor

Pinehaven Overland Flow

Pinehaven Ponding Area

Mangaroa Erosion Hazard Area

Mangaroa River Corridor

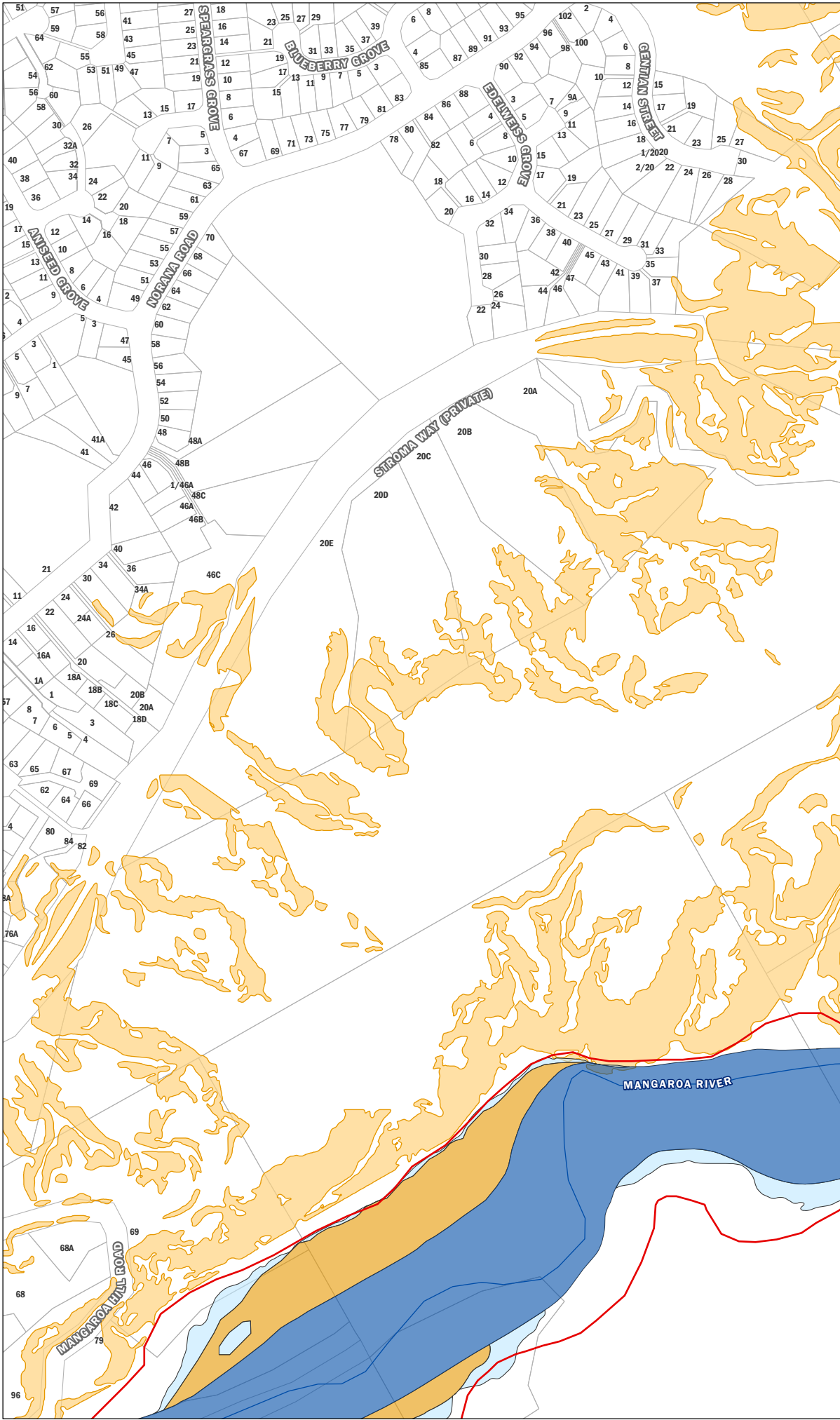
Mangaroa Overflow Path

Mangaroa Ponding Area

Te Kaunihera o
Te Awa Kairangi ki Uta
Upper Hutt City Council

0100200 Metres

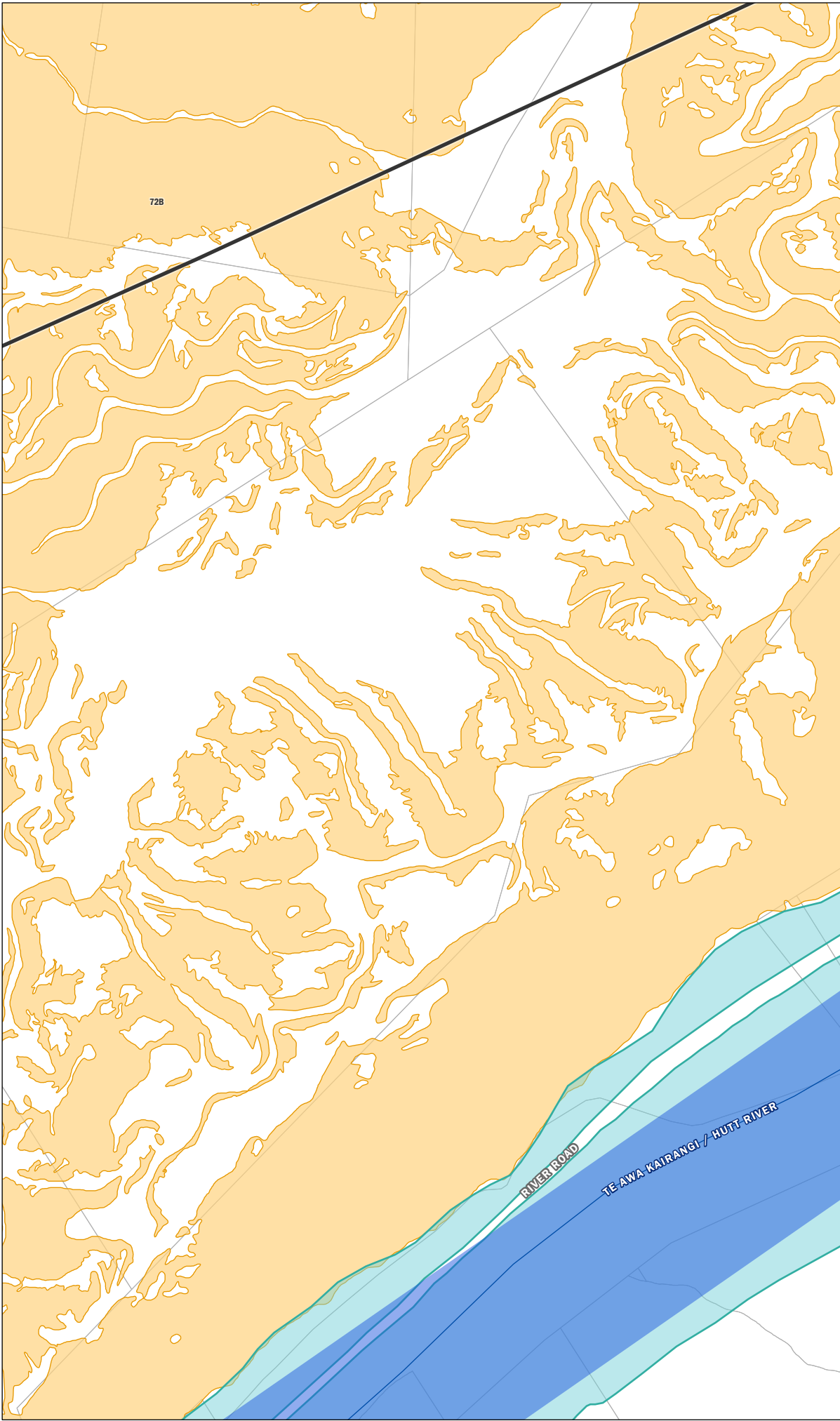
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December 2024



URBAN HAZARD
MAP 21

		1	2		3	
	5	6	7	8	9	10
7	18	19	20	21		
7	28	29	30			
8						

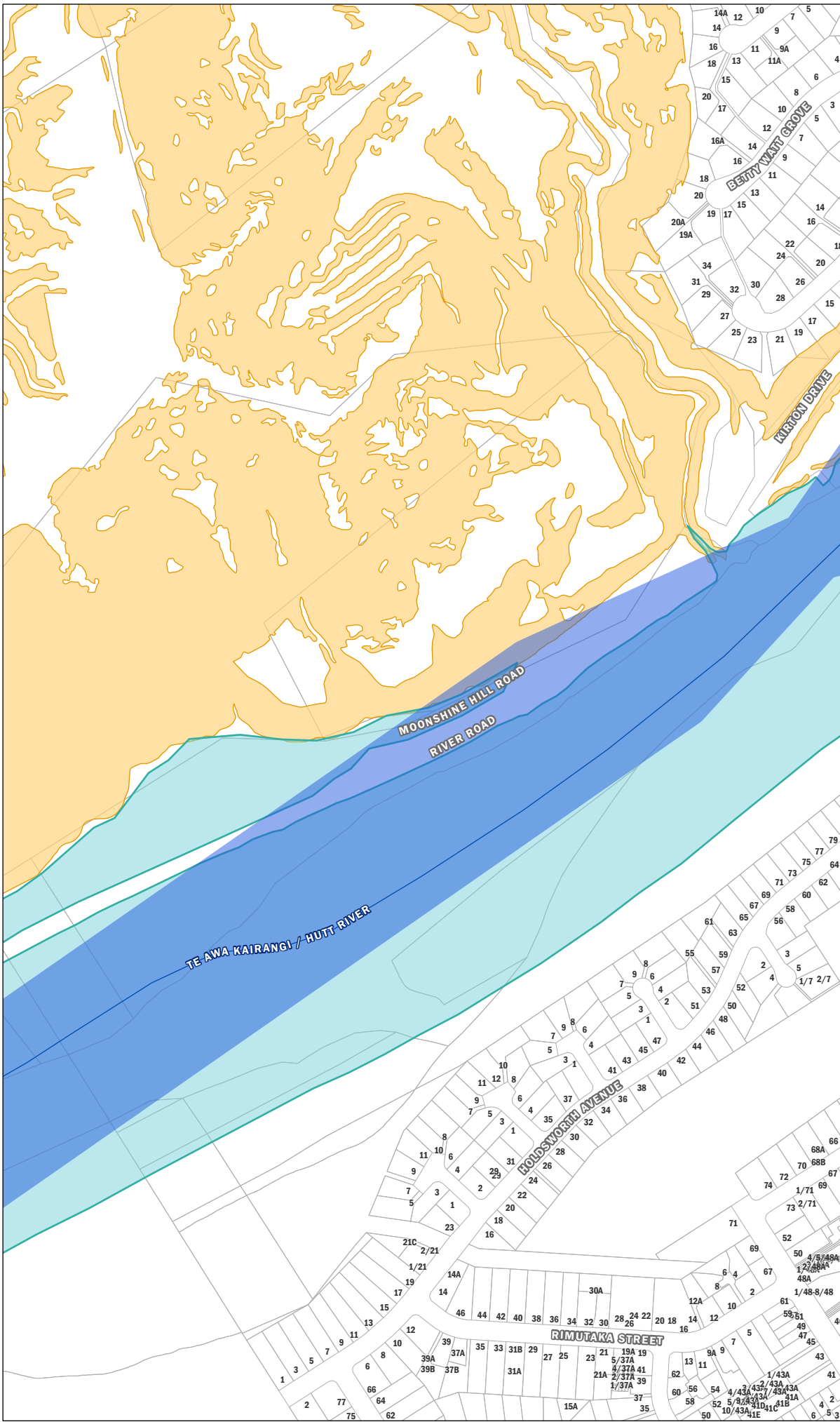
- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



URBAN HAZARD MAP 22

				4			
				13	14	15	1
			22	23	24	25	2
	31	32	33	34	35	36	3
39	40	41	42	43	44		

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area

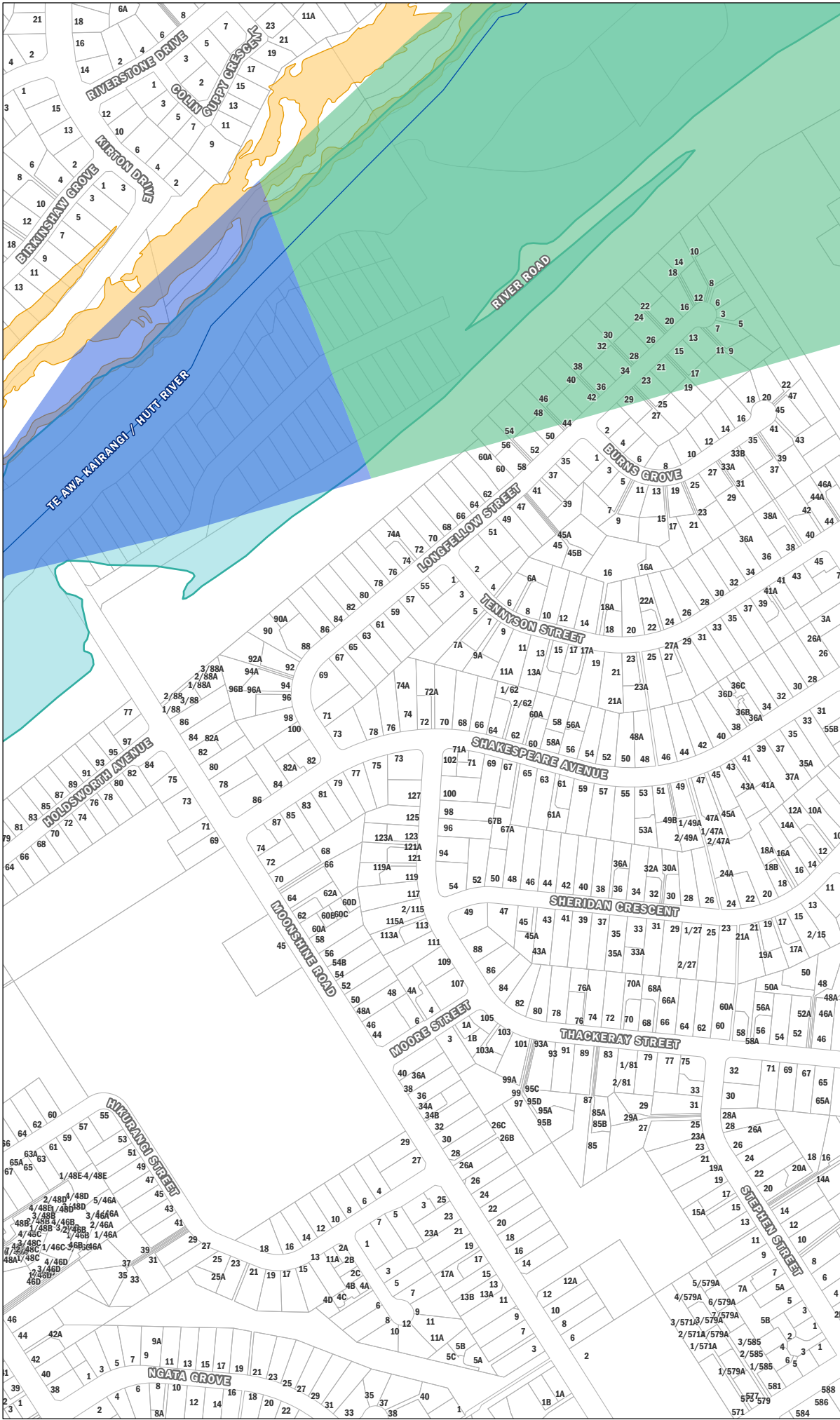


URBAN HAZARD MAP 23

				4			
				13	14	15	16
			22	23	24	25	26
	31	32	33	34	35	36	37
9	40	41	42	43	44		

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area





URBAN HAZARD MAP 24

				4					5	
				13	14	15	16	17	1	
				22	23	24	25	26	27	2
1	32	33	34	35	36	37	38			
0	41	42	43	44						

- Land Parcels
-
- Rivers & Streams

OPERATIVE DISTRICT PLAN HAZARDS**WELLINGTON FAULT BAND****PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**



URBAN HAZARD MAP 25

	4			5	6
	13	14	15	16	17
22	23	24	25	26	27
2	33	34	35	36	37
1	42	43	44		

- Land Parcels

Rivers & Streams

City Boundary

Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**

National Grid Lines

Mangaroa Peat Overlay

100 year Flood Extent

Slope Hazard Overlay
- WELLINGTON FAULT BAND**

Well Defined

Well Defined - Extension

Uncertain - Constrained

Uncertain - Poorly Constrained

Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**

Pinehaven Catchment Overlay

Pinehaven Stream Corridor

Pinehaven Overland Flow

Pinehaven Ponding Area

Mangaroa Erosion Hazard Area

Mangaroa River Corridor

Mangaroa Overflow Path

Mangaroa Ponding Area



URBAN HAZARD MAP 26

	4				5	6	7
	13	14	15	16	17	18	19
2	23	24	25	26	27	28	29
3	34	35	36	37	38		
2	43	44					

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt

OPERATIVE DISTRICT PLAN HAZARDS

- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed

PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT

- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area

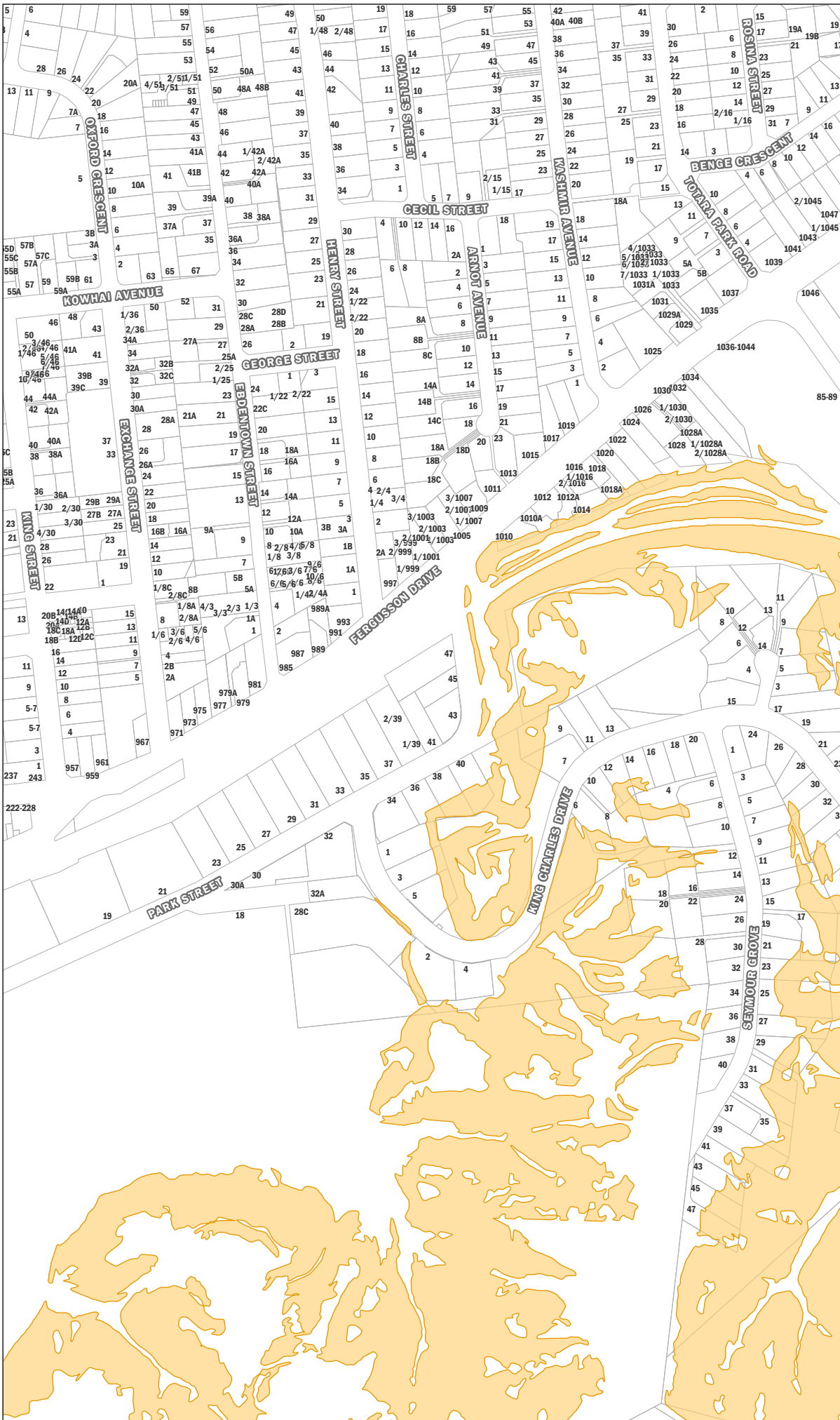


URBAN HAZARD MAP 27

				5	6	7	8
3	14	15	16	17	18	19	20
3	24	25	26	27	28	29	30
4	35	36	37	38			
3	44						

- Land Parcels
 - Rivers & Streams
 - City Boundary
 - Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area





URBAN HAZARD MAP 28

				5	6	7	8	9
4	15	16	17	18	19	20	21	
4	25	26	27	28	29	30		
5	36	37	38					
4								

- Land Parcels
-
- Rivers & Streams

OPERATIVE DISTRICT PLAN HAZARDS**WELLINGTON FAULT BAND****PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**

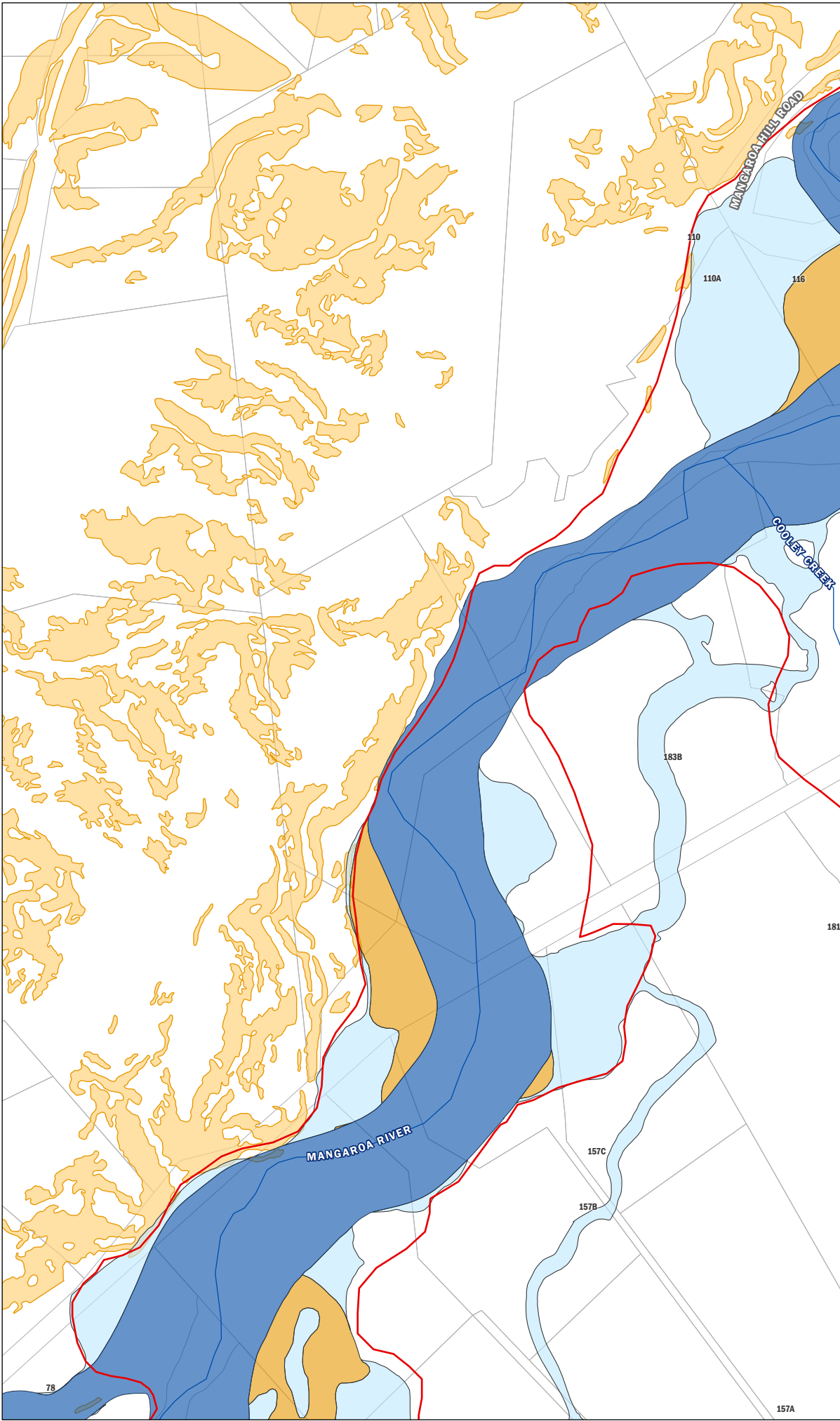


URBAN HAZARD MAP 29

			5	6	7	8	9	1
5	16	17	18	19	20	21		
5	26	27	28	29	30			
6	37	38						

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



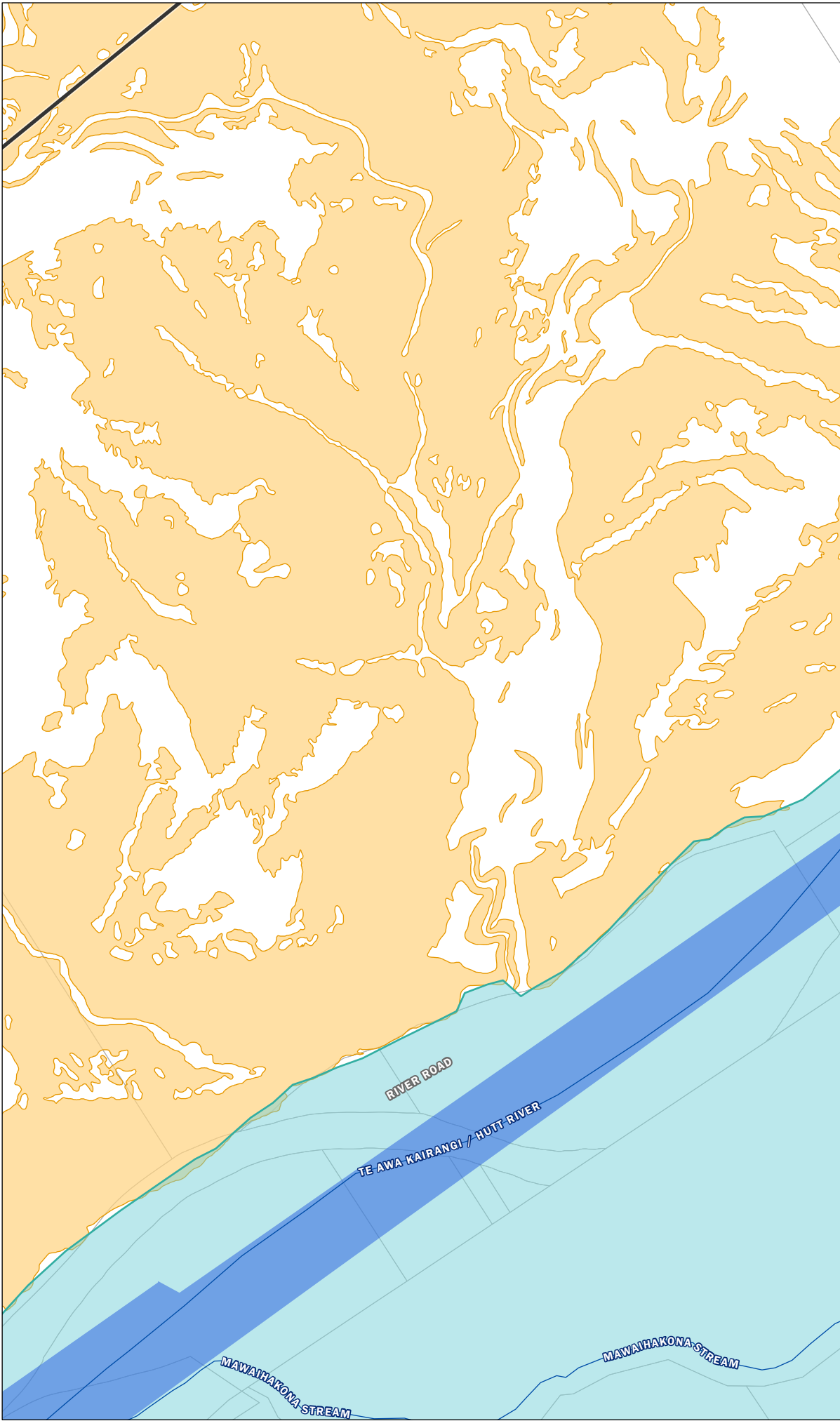


URBAN HAZARD MAP 30

	5	6	7	8	9	10	1
6	17	18	19	20	21		
6	27	28	29	30			
7	38						

- Land Parcels
 - Rivers & Streams
 - City Boundary
 - Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



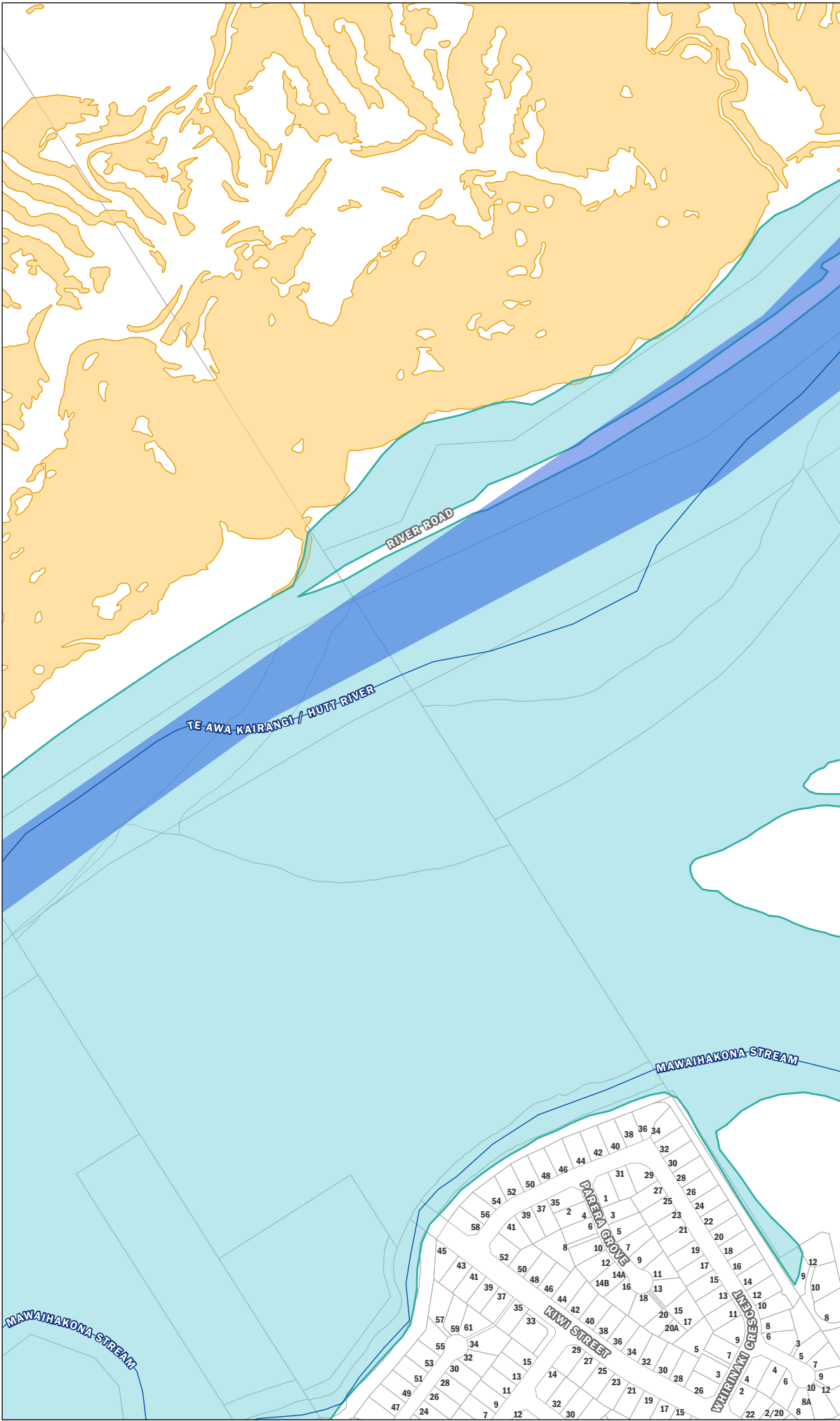


URBAN HAZARD
MAP 31

					13	1	
				22	23	2	
			31	32	33	34	3
	39	40	41	42	43	4	
		45	46	47			

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangarua Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangarua Erosion Hazard Area
 - Mangarua River Corridor
 - Mangarua Overflow Path
 - Mangarua Ponding Area





URBAN HAZARD
MAP 32

				13	14	1	
				22	23	24	2
		31	32	33	34	35	3
	39	40	41	42	43	44	
		45	46	47			

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



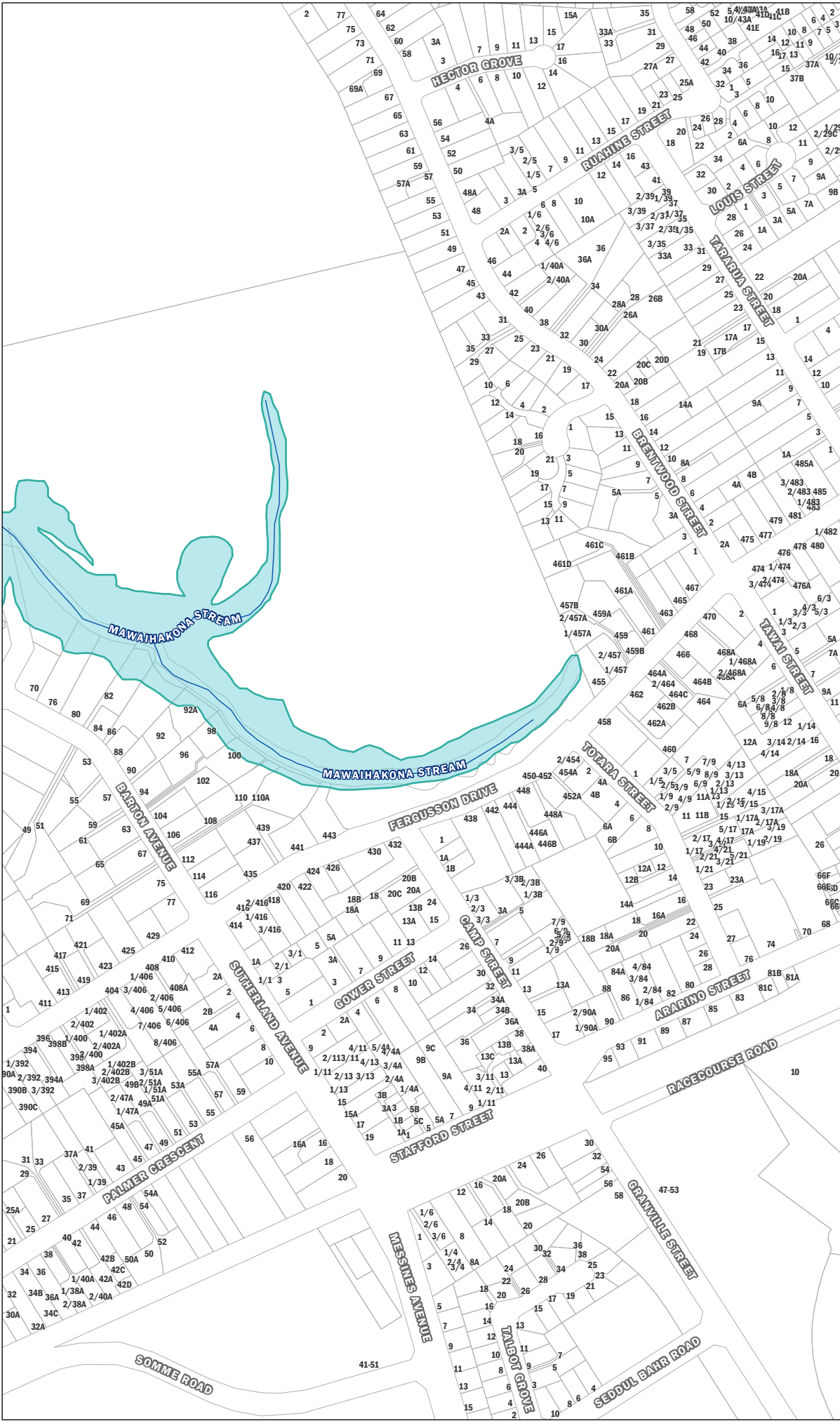


URBAN HAZARD MAP 33

				13	14	15	1	
				22	23	24	25	2
	31	32	33	34	35	36	3	
39	40	41	42	43	44			
	45	46	47					

- Land Parcels
-
- Rivers & Streams

OPERATIVE DISTRICT PLAN HAZARDS**WELLINGTON FAULT BAND****PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**



URBAN HAZARD MAP 34

				13	14	15	16	1	
				22	23	24	25	26	2
	31	32	33	34	35	36	37	3	
9	40	41	42	43	44				
	45	46	47						

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



URBAN HAZARD MAP 35

		13	14	15	16	17	1
		22	23	24	25	26	2
1	32	33	34	35	36	37	38
0	41	42	43	44			
5	46	47					

- ☐ Land Parcels
- ☐ Rivers & Streams
- ☒ City Boundary
- ☐ Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
- ☐ National Grid Lines
- ☒ Mangaroa Peat Overlay
- ☐ 100 year Flood Extent
- ☐ Slope Hazard Overlay
- WELLINGTON FAULT BAND
- ☐ Well Defined
- ☐ Well Defined - Extension
- ☐ Uncertain - Constrained
- ☐ Uncertain - Poorly Constrained
- ☐ Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
- ☒ Pinehaven Catchment Overlay
- ☐ Pinehaven Stream Corridor
- ☐ Pinehaven Overland Flow
- ☐ Pinehaven Ponding Area
- ☐ Mangaroa Erosion Hazard Area
- ☐ Mangaroa River Corridor
- ☐ Mangaroa Overflow Path
- ☐ Mangaroa Ponding Area



URBAN HAZARD MAP 36

	13	14	15	16	17	18	1
	22	23	24	25	26	27	28
2	33	34	35	36	37	38	
1	42	43	44				
6	47						

- ☐ Land Parcels
- ☐ Rivers & Streams
- ☒ City Boundary
- ☐ Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- ☐ National Grid Lines
- ☒ Mangaroa Peat Overlay
- ☐ 100 year Flood Extent
- ☐ Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- ☐ Well Defined
- ☐ Well Defined - Extension
- ☐ Uncertain - Constrained
- ☐ Uncertain - Poorly Constrained
- ☐ Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- ☒ Pinehaven Catchment Overlay
- ☐ Pinehaven Stream Corridor
- ☐ Pinehaven Overland Flow
- ☐ Pinehaven Ponding Area
- ☐ Mangaroa Erosion Hazard Area
- ☐ Mangaroa River Corridor
- ☐ Mangaroa Overflow Path
- ☐ Mangaroa Ponding Area



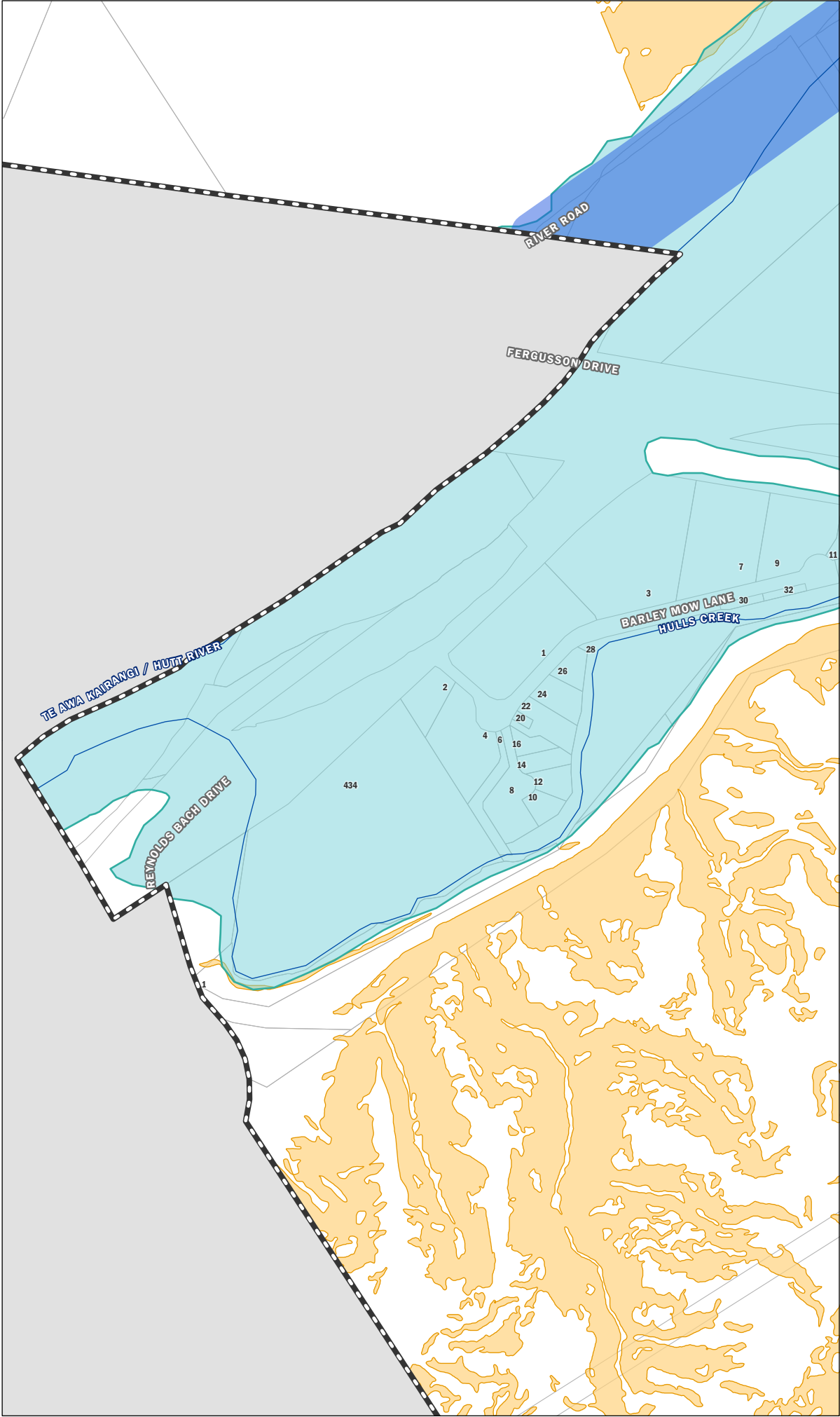
URBAN HAZARD
MAP 37

	13	14	15	16	17	18	19	2
2	23	24	25	26	27	28	29	3
3	34	35	36	37	38			
2	43	44						
7								

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area

URBAN HAZARD
MAP 39

				22	2
		31	32	33	3
	39	40	41	42	4
		45	46	47	
			48	49	5



- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area



URBAN HAZARD MAP 40

				22	23	2
		31	32	33	34	3
	39	40	41	42	43	4
		45	46	47		
			48	49	50	

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area



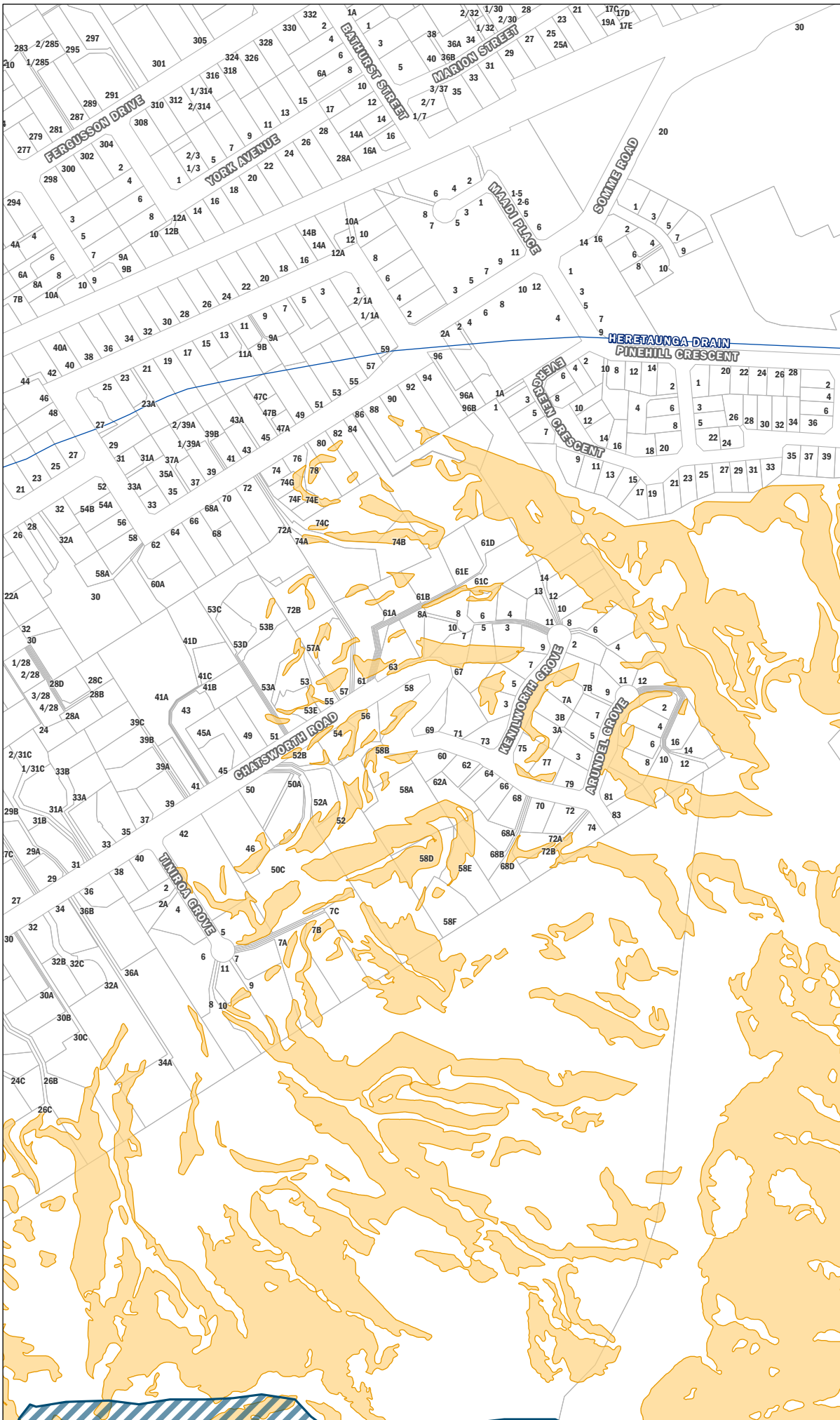


URBAN HAZARD MAP 41

			22	23	24	25	
		31	32	33	34	35	36
	39	40	41	42	43	44	
		45	46	47			
			48	49	50		

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



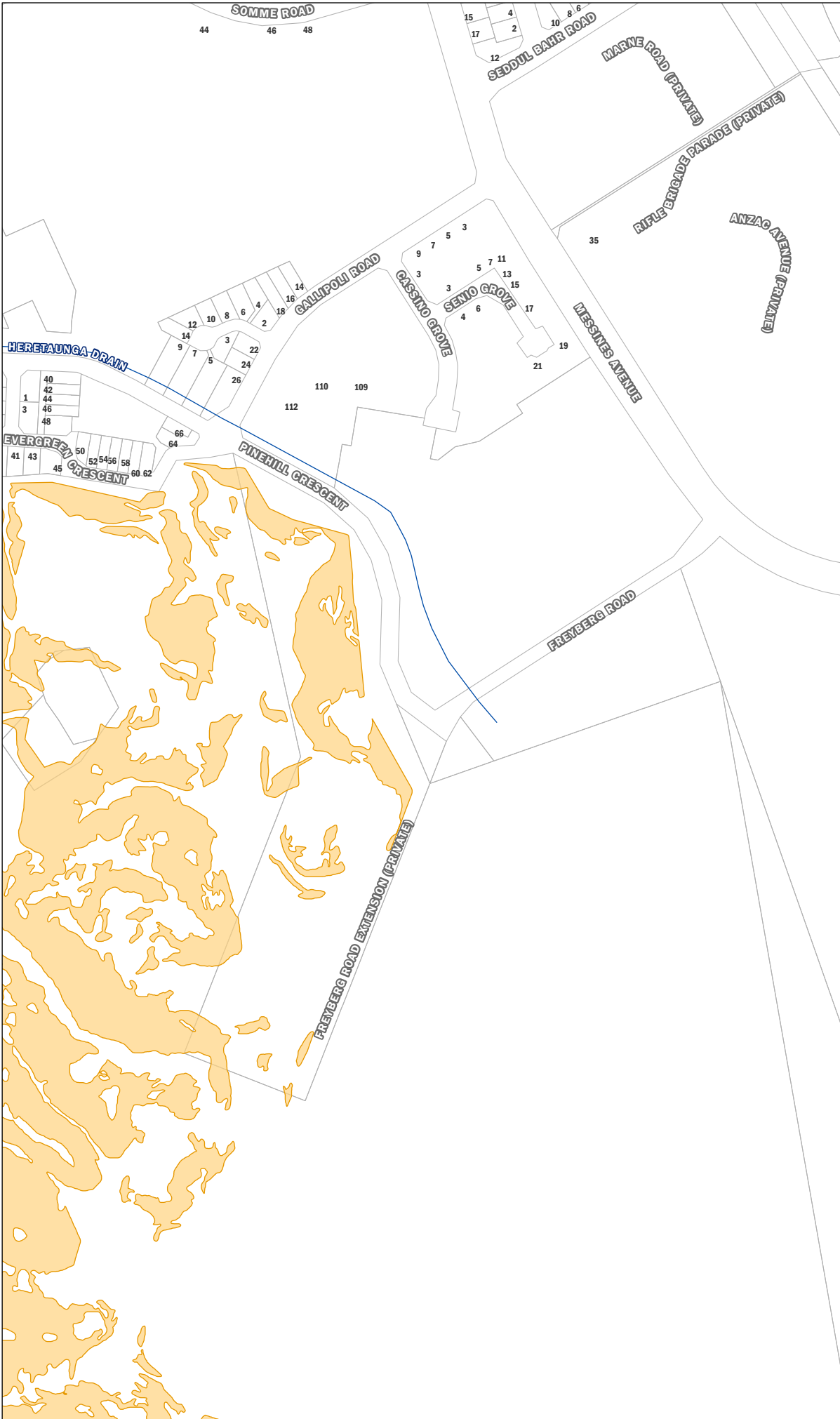


URBAN HAZARD MAP 42

			22	23	24	25	2
		31	32	33	34	35	3
39	40	41	42	43	44		
		45	46	47			
			48	49	50		

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area





URBAN HAZARD
MAP 43

			22	23	24	25	26	2
	31	32	33	34	35	36	37	3
9	40	41	42	43	44			
	45	46	47					
		48	49	50				

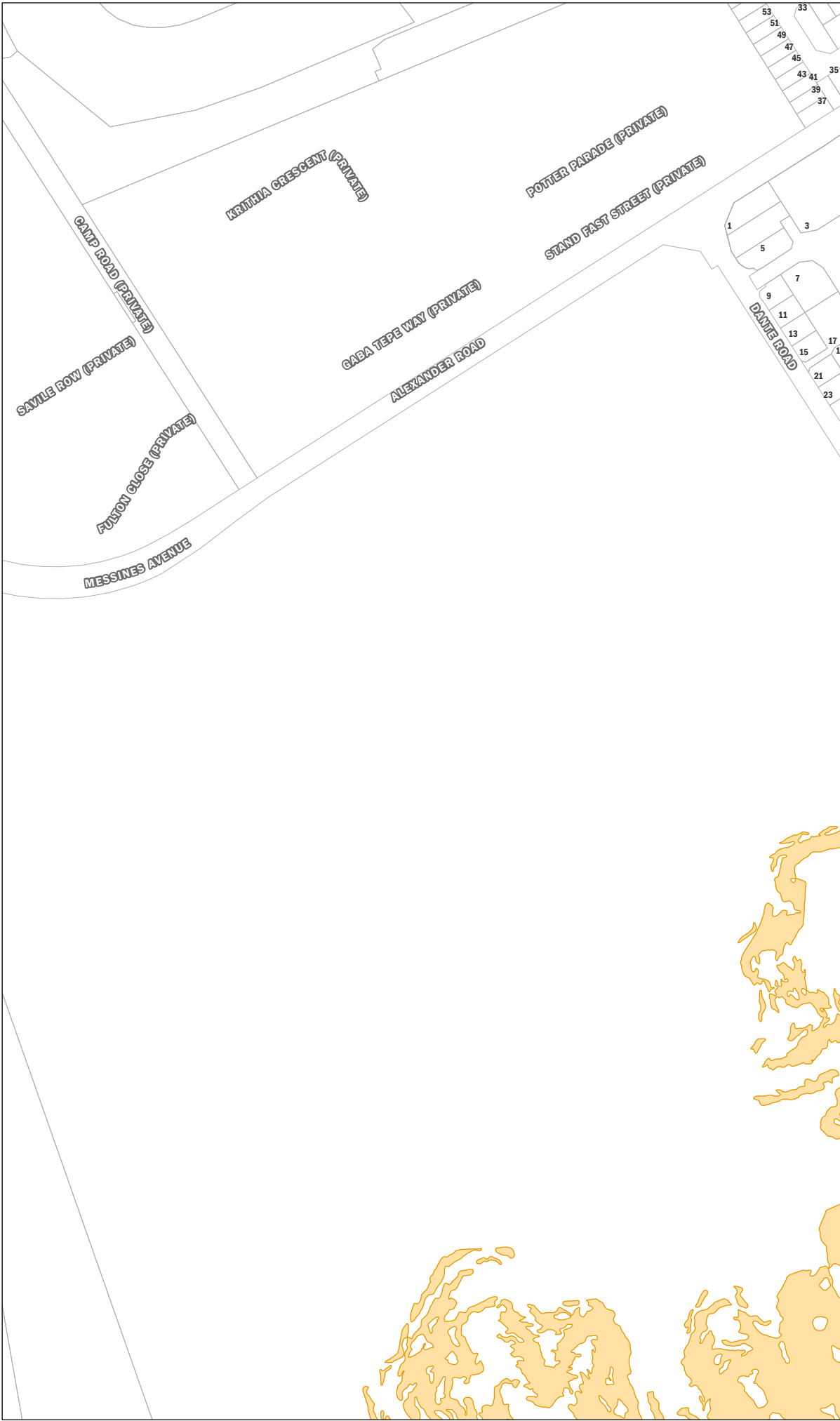
- Land Parcels
-
- Rivers & Streams

OPERATIVE DISTRICT PLAN HAZARDS

WELLINGTON FAULT BAND

PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT



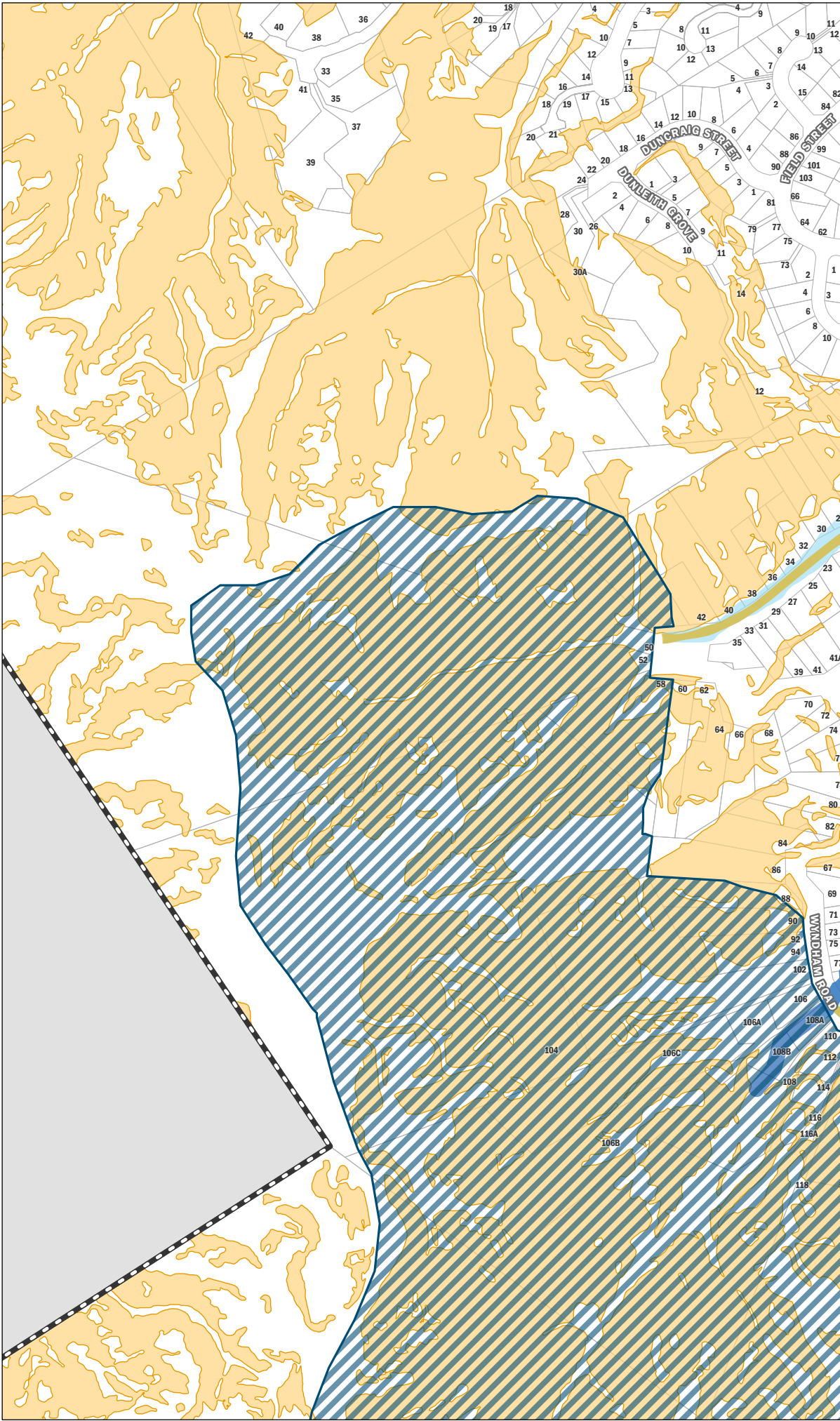


URBAN HAZARD MAP 44

	22	23	24	25	26	27	2
1	32	33	34	35	36	37	38
0	41	42	43	44			
5	46	47					
	48	49	50				

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



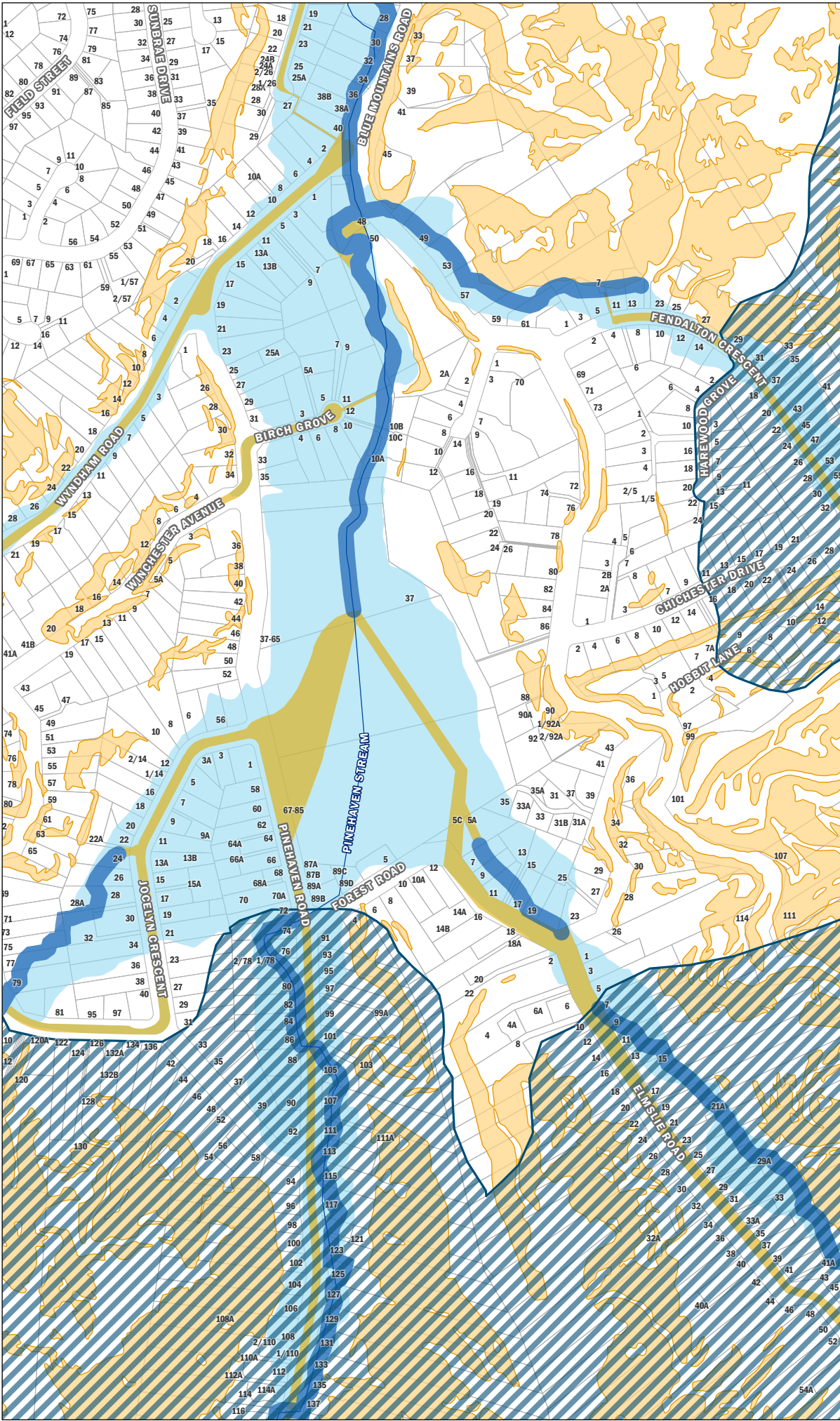


URBAN HAZARD MAP 45

		31	32	33	34	3
	39	40	41	42	43	4
		45	46	47		
			48	49	50	

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area





URBAN HAZARD MAP 46

	31	32	33	34	35	3
39	40	41	42	43	44	
	45	46	47			
		48	49	50		

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
 - National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
 - Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
 - Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



URBAN HAZARD
MAP 47

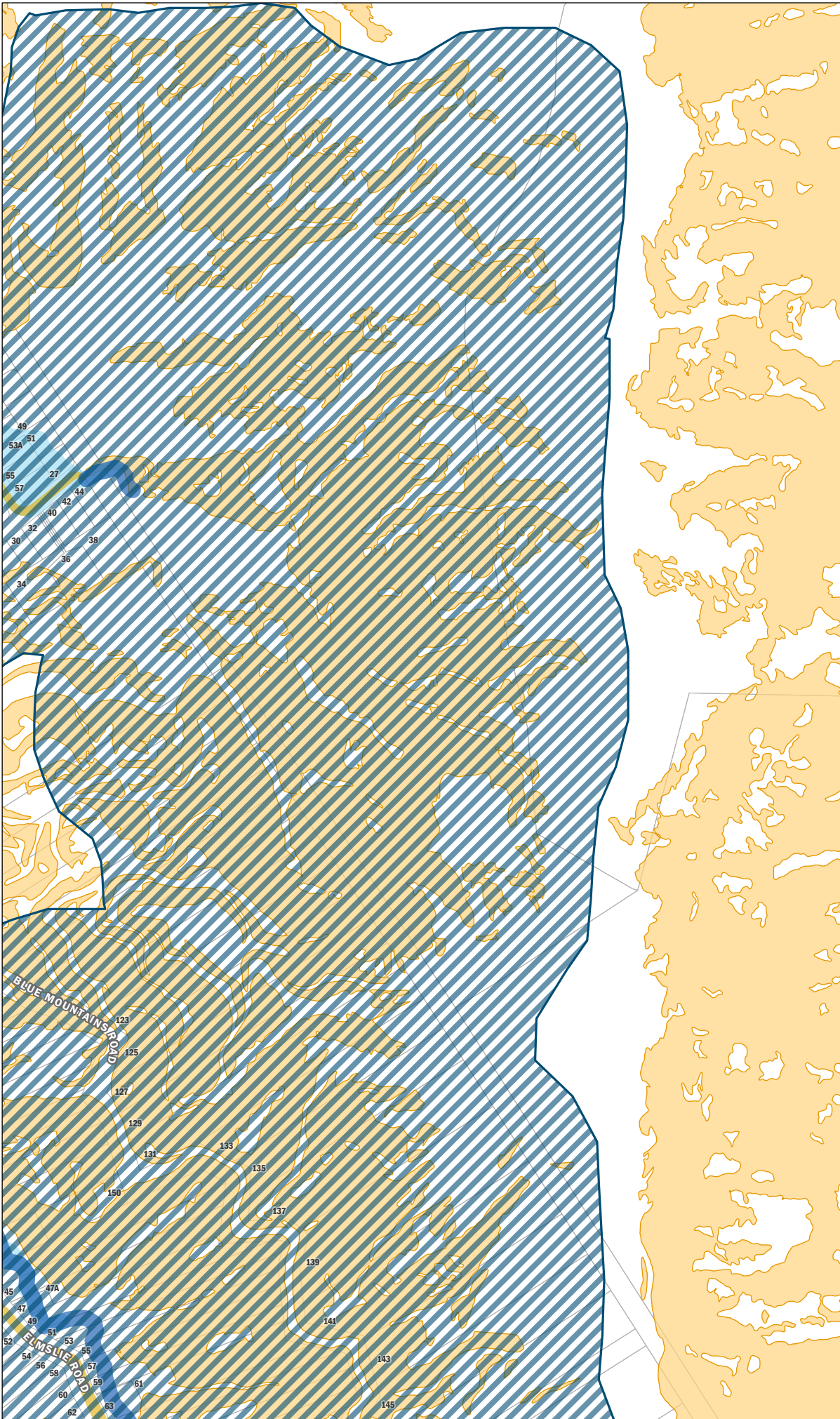
	31	32	33	34	35	36	3
39	40	41	42	43	44		
	45	46	47				
		48	49	50			

- Land Parcels
-
- Rivers & Streams

OPERATIVE DISTRICT PLAN HAZARDS

WELLINGTON FAULT BAND

PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT



URBAN HAZARD
MAP 48

39	40	41	42	43	44
	45	46	47		
		48	49	50	

- Land Parcels
 - Rivers & Streams
 - City Boundary
 - Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS**
- National Grid Lines
 - Mangaroa Peat Overlay
 - 100 year Flood Extent
 - Slope Hazard Overlay
- WELLINGTON FAULT BAND**
- Well Defined
 - Well Defined - Extension
 - Uncertain - Constrained
 - Uncertain - Poorly Constrained
 - Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT**
- Pinehaven Catchment Overlay
 - Pinehaven Stream Corridor
 - Pinehaven Overland Flow
 - Pinehaven Ponding Area
 - Mangaroa Erosion Hazard Area
 - Mangaroa River Corridor
 - Mangaroa Overflow Path
 - Mangaroa Ponding Area



URBAN HAZARD
MAP 49

39	40	41	42	43	44
	45	46	47		
		48	49	50	

- Land Parcels

Rivers & Streams

City Boundary

Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
- National Grid Lines

Mangaroa Peat Overlay

100 year Flood Extent

Slope Hazard Overlay
- WELLINGTON FAULT BAND
- Well Defined

Well Defined - Extension

Uncertain - Constrained

Uncertain - Poorly Constrained

Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
- Pinehaven Catchment Overlay

Pinehaven Stream Corridor

Pinehaven Overland Flow

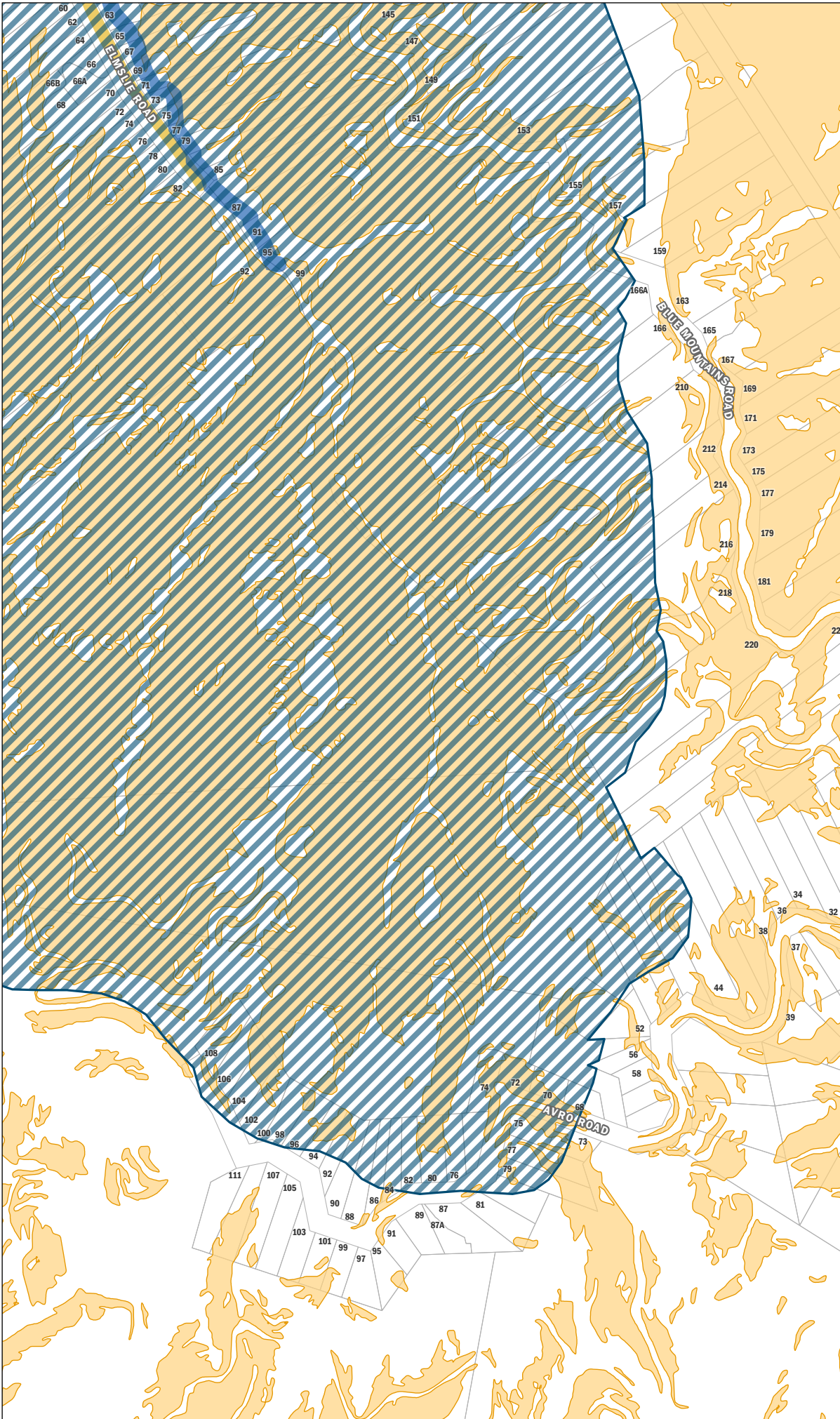
Pinehaven Ponding Area

Mangaroa Erosion Hazard Area

Mangaroa River Corridor

Mangaroa Overflow Path

Mangaroa Ponding Area



URBAN HAZARD
MAP 50

9	40	41	42	43	44
	45	46	47		
		48	49	50	

- Land Parcels
- Rivers & Streams
- City Boundary
- Areas Outside of Upper Hutt
- OPERATIVE DISTRICT PLAN HAZARDS
- National Grid Lines
- Mangaroa Peat Overlay
- 100 year Flood Extent
- Slope Hazard Overlay
- WELLINGTON FAULT BAND
- Well Defined
- Well Defined - Extension
- Uncertain - Constrained
- Uncertain - Poorly Constrained
- Distributed
- PINEHAVEN & MANGAROA FLOOD HAZARD EXTENT
- Pinehaven Catchment Overlay
- Pinehaven Stream Corridor
- Pinehaven Overland Flow
- Pinehaven Ponding Area
- Mangaroa Erosion Hazard Area
- Mangaroa River Corridor
- Mangaroa Overflow Path
- Mangaroa Ponding Area

