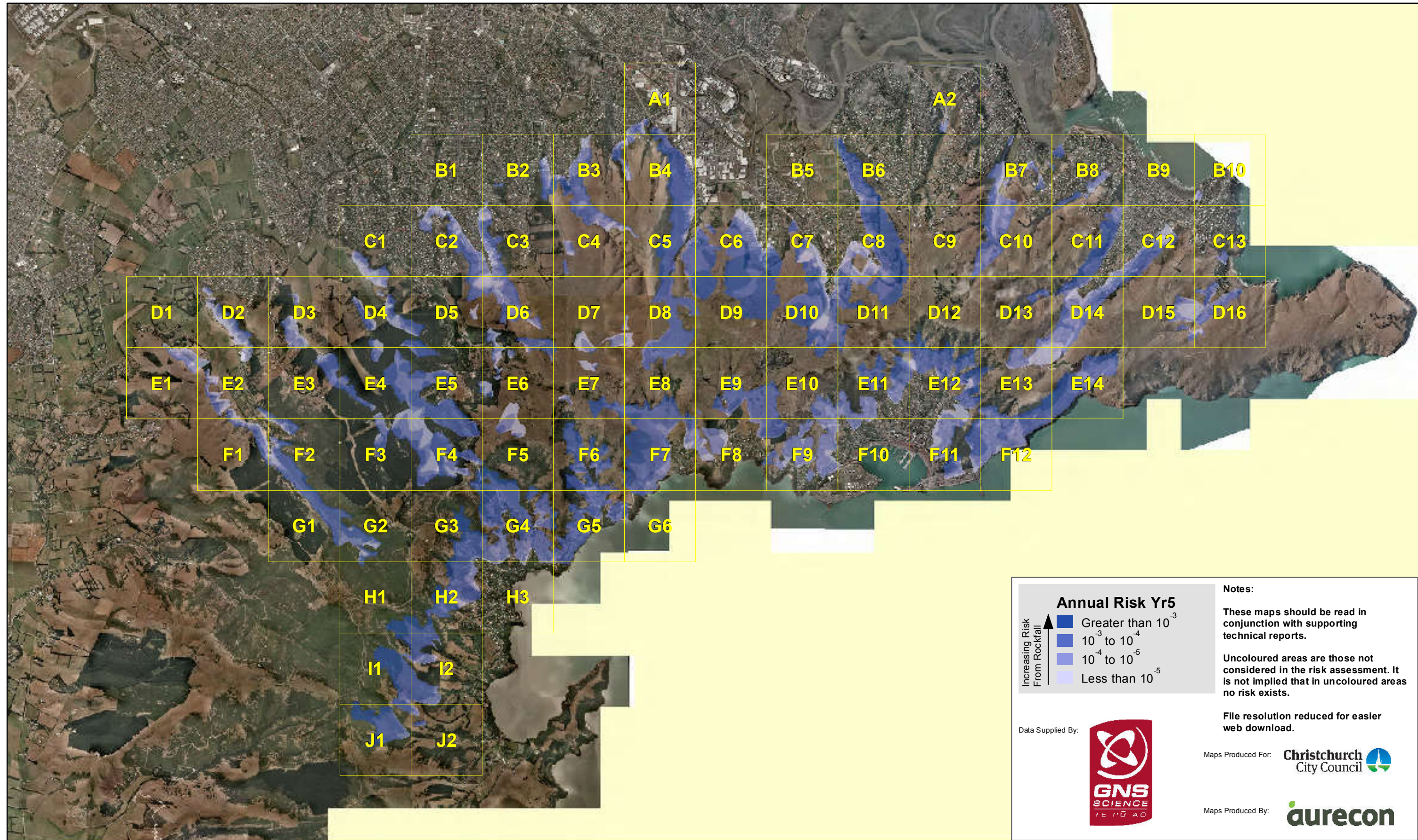




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Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
 Datum: Geodetic Datum of New Zealand 2000
 Map Produced: 17/07/2013



Annual Risk Yr5

Dark Blue	Greater than 10^{-3}
Medium Blue	10^{-3} to 10^{-4}
Light Blue	10^{-4} to 10^{-5}
Very Light Blue	Less than 10^{-5}


Increasing Risk From Rockfall ↑


Notes:


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Maps Produced For: 

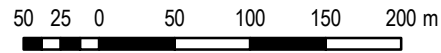
Maps Produced By: 

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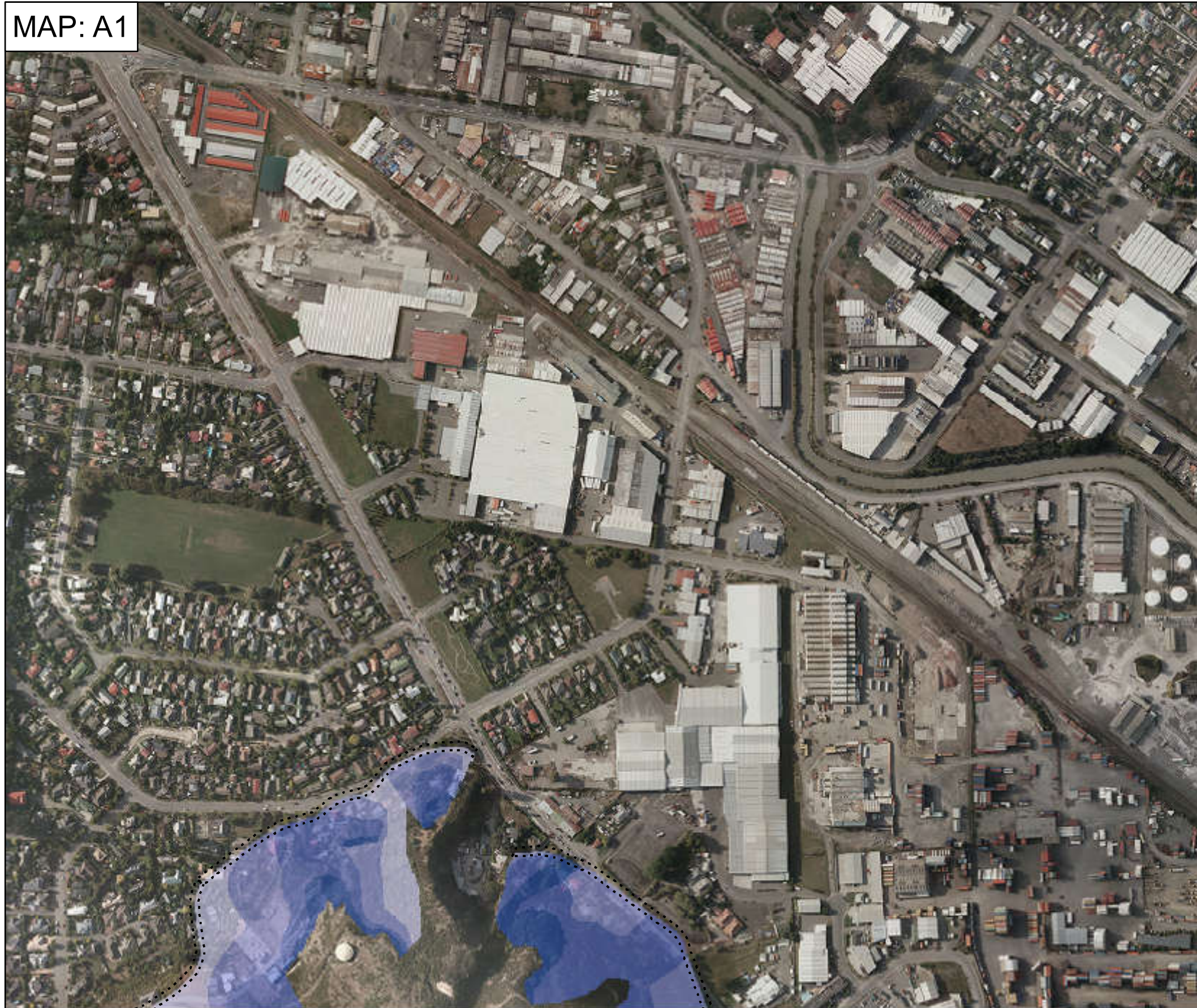


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

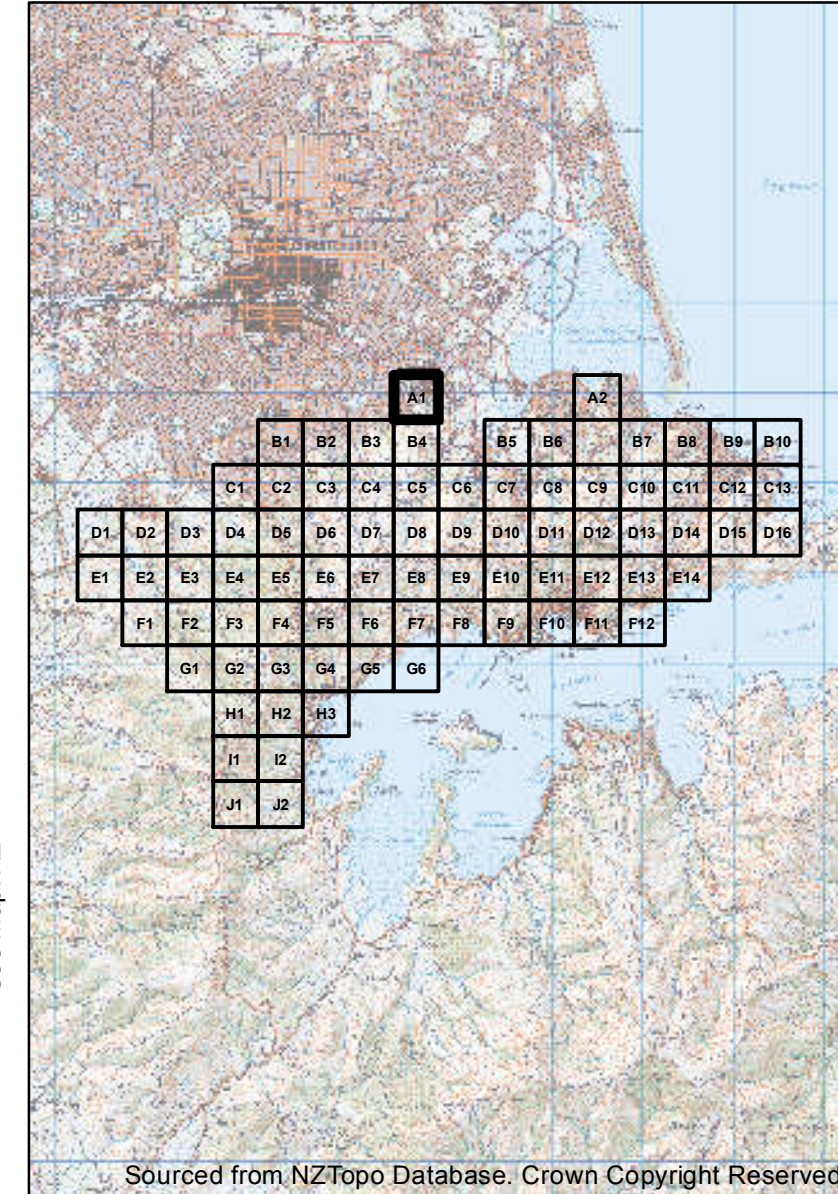
See Map:

MAP: A1



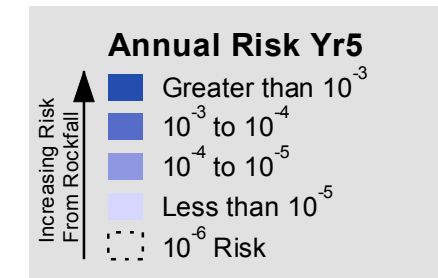
See Map:

See Map: B4



See Map: A2

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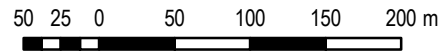


Maps Produced For: **Christchurch City Council**

Maps Produced By: **aurecon**



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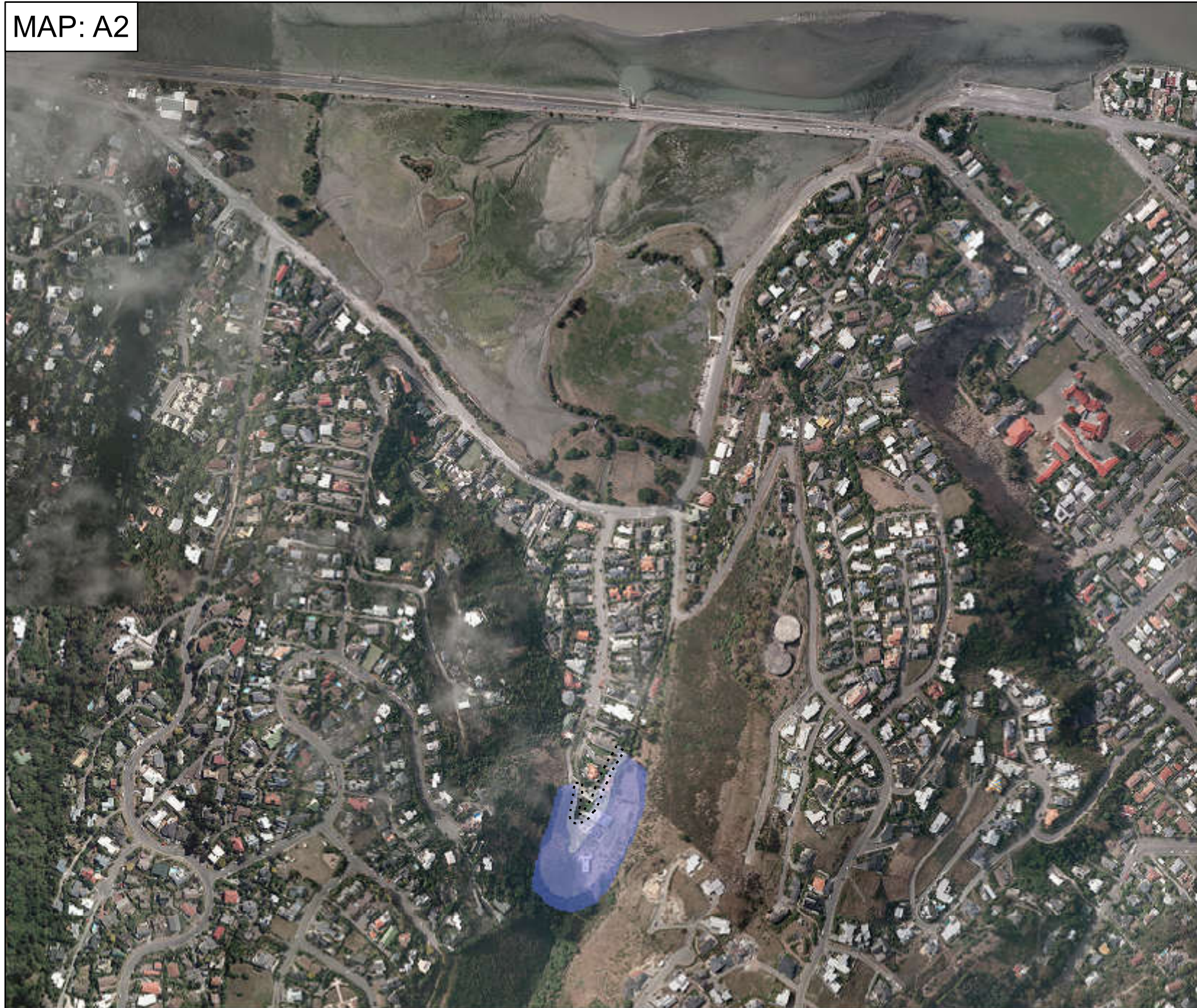


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

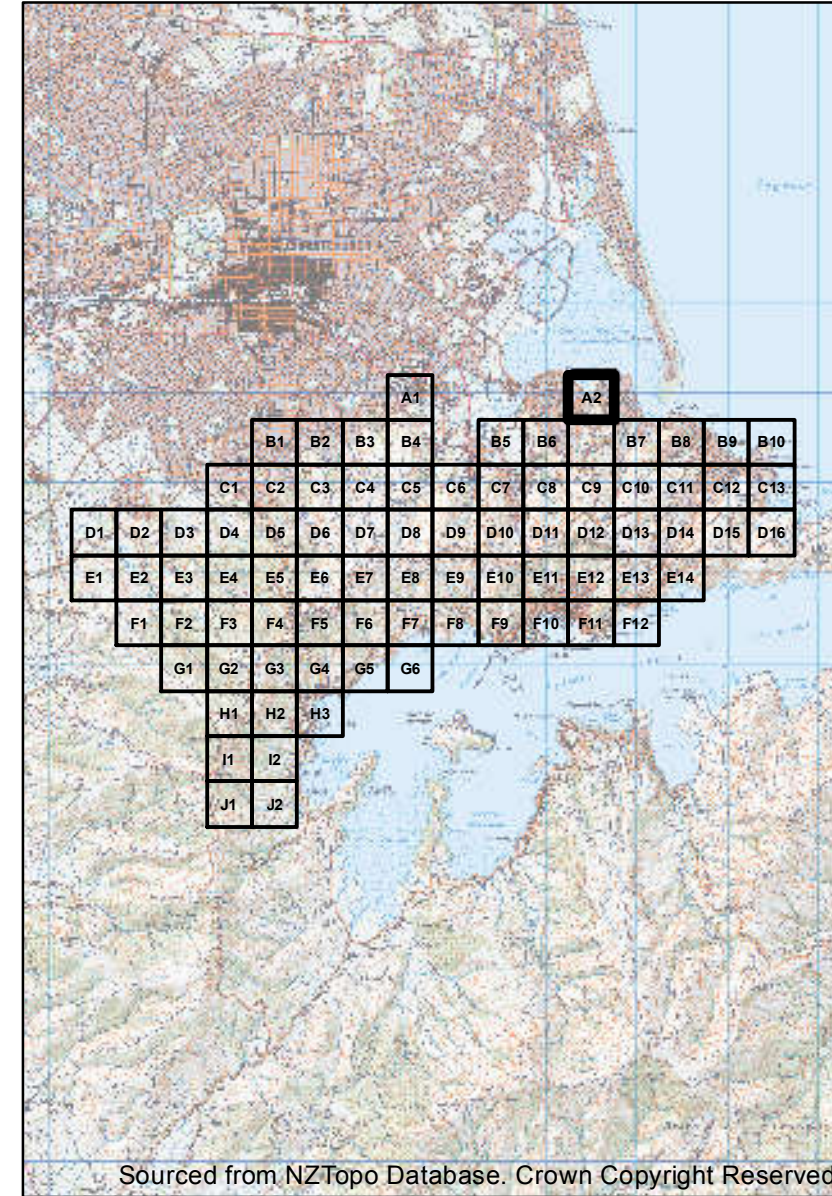
See Map:

MAP: A2



See Map: A2

See Map:



See Map:

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Annual Risk Yr5

- Greater than 10^{-3}
- 10^{-3} to 10^{-4}
- 10^{-4} to 10^{-5}
- Less than 10^{-5}
- 10^{-6} Risk

Notes:

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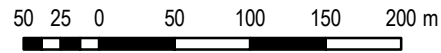


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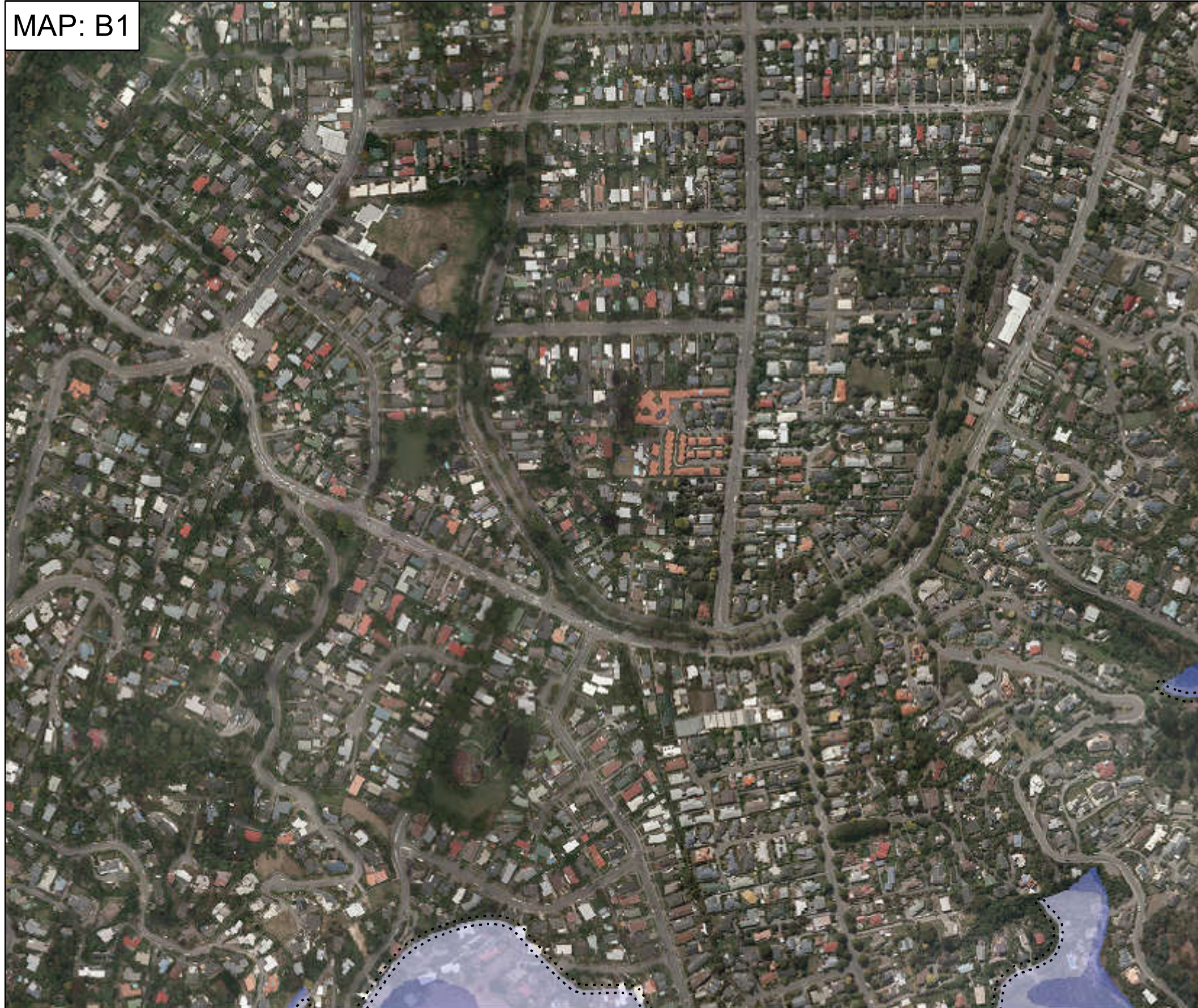


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
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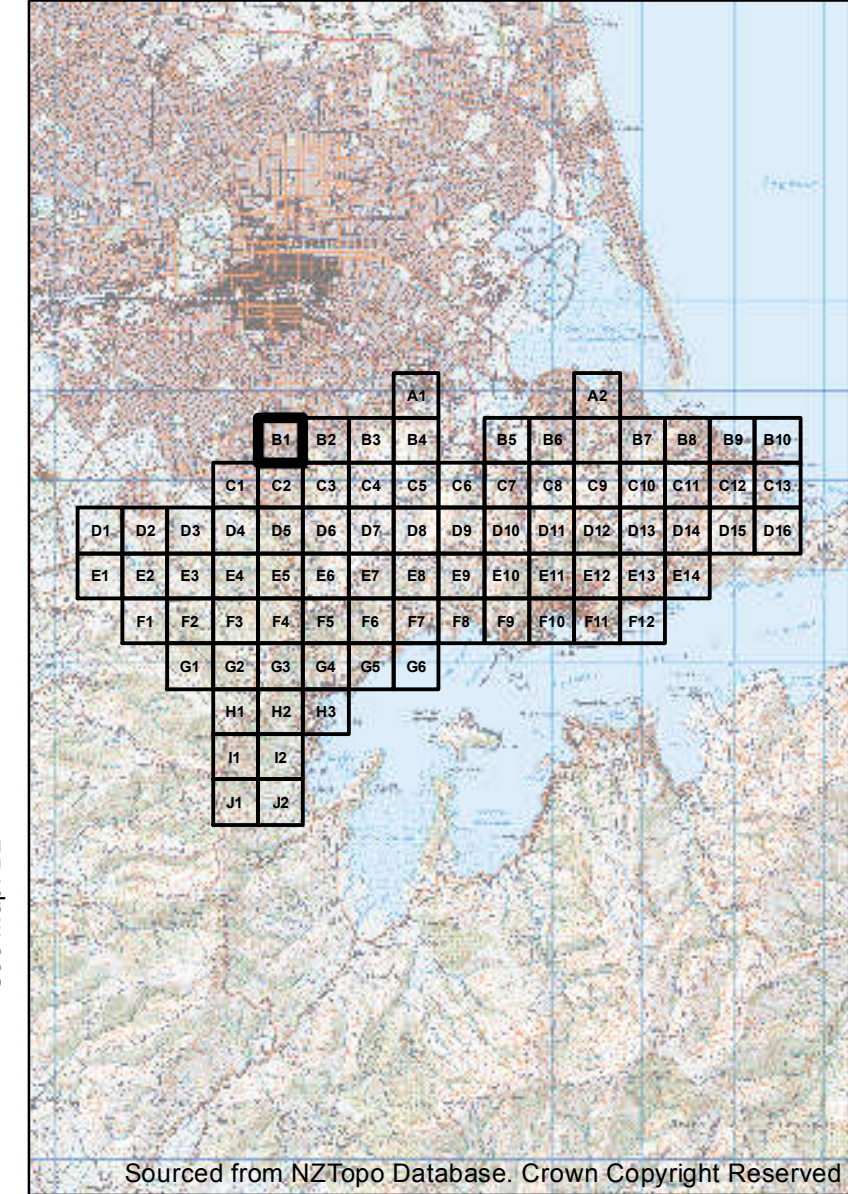
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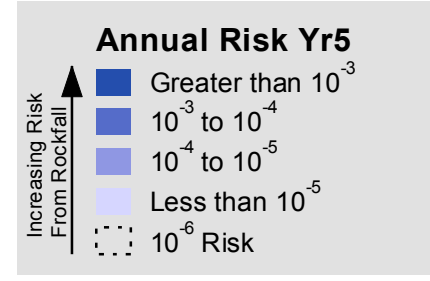
See Map:

See Map: C2



See Map: B2

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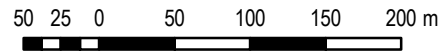
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Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
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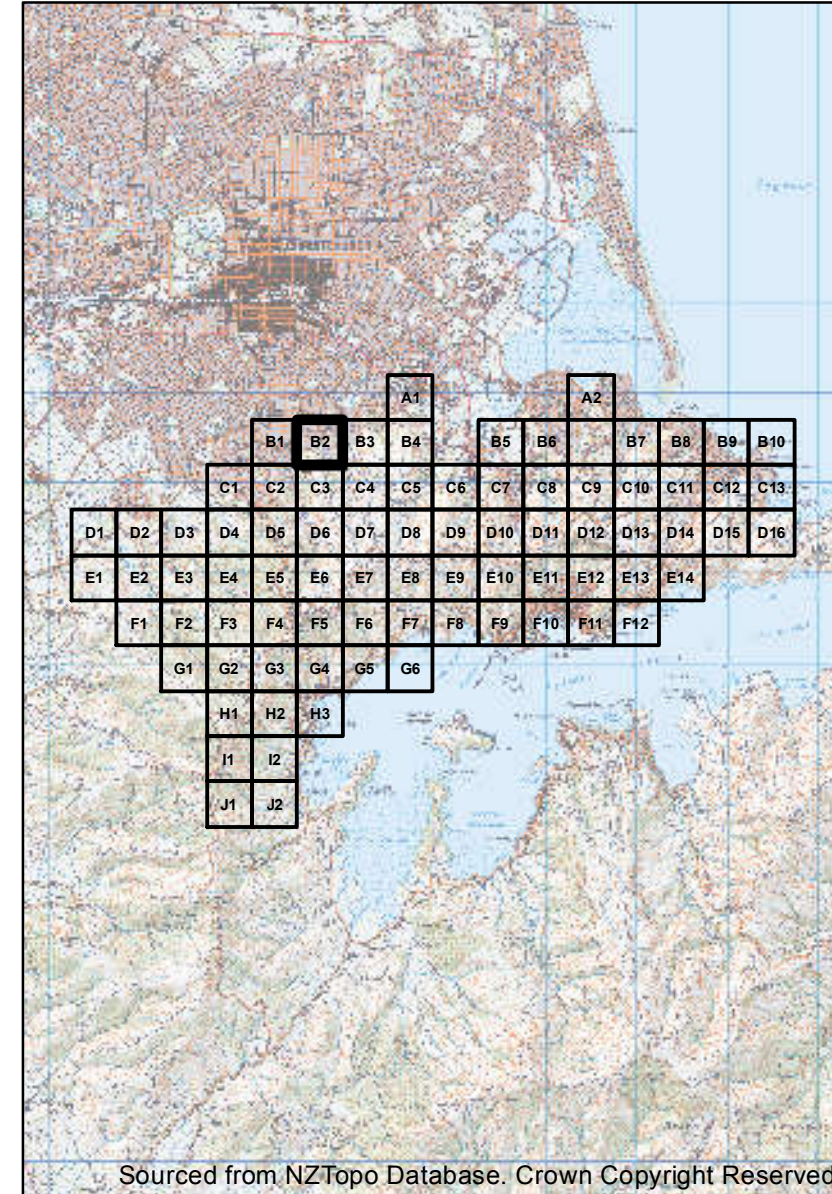
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MAP: B2



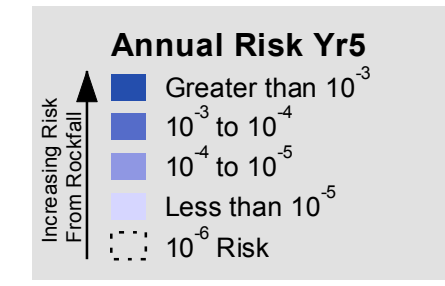
See Map: B1

See Map: C3



See Map: B3

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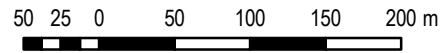


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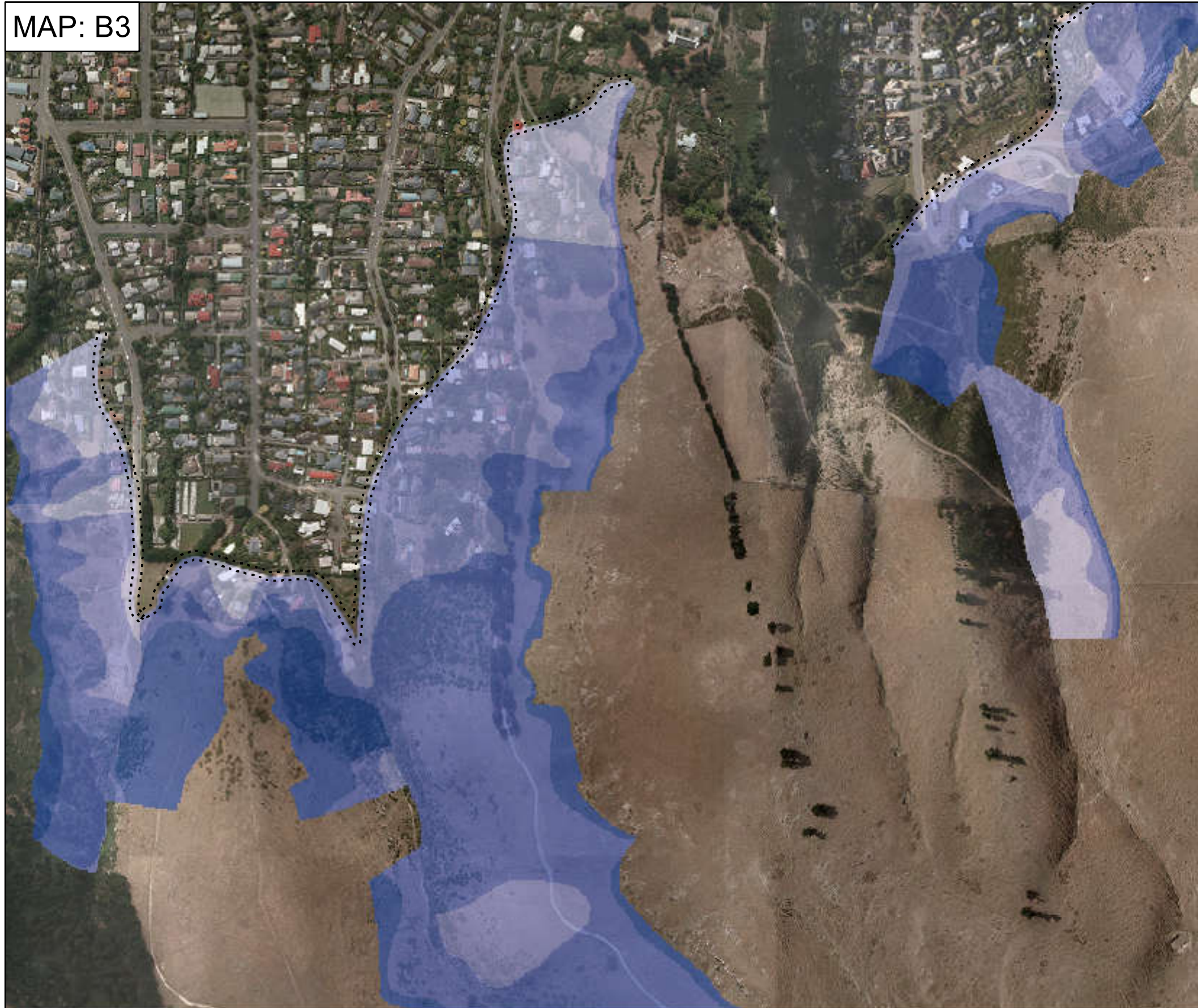


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

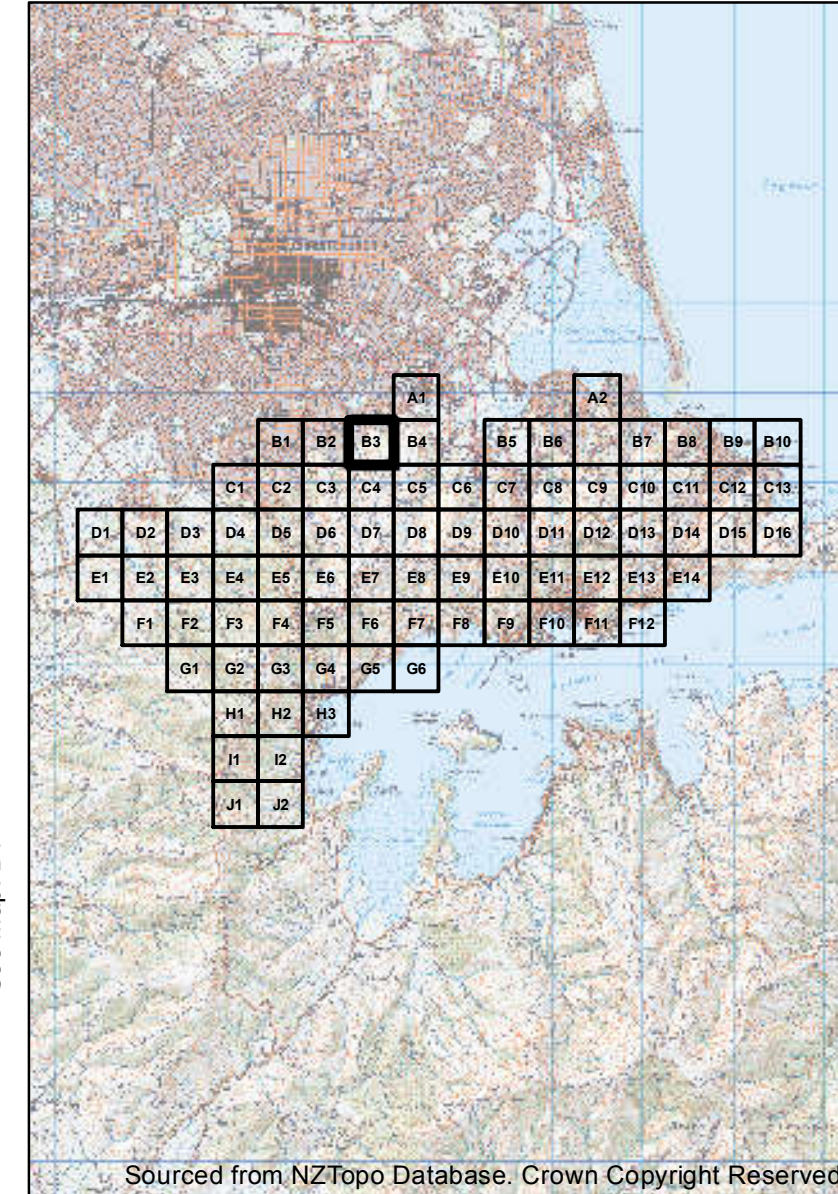
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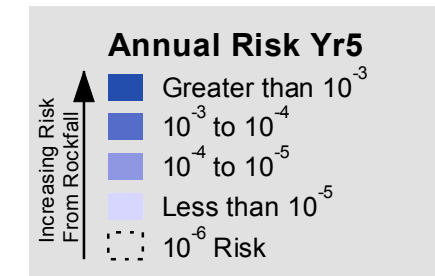
See Map: B2

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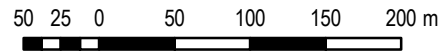


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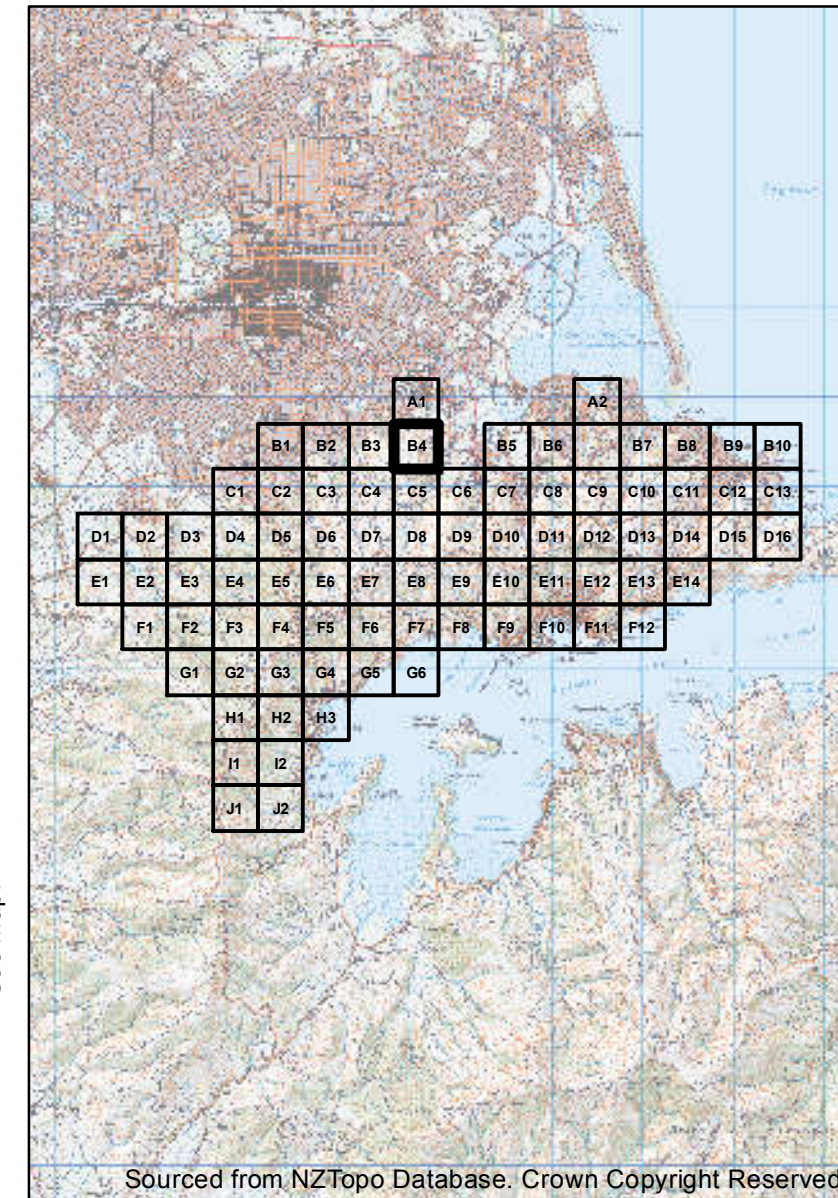
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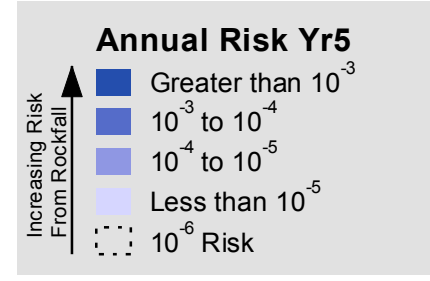
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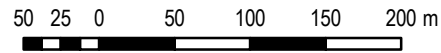


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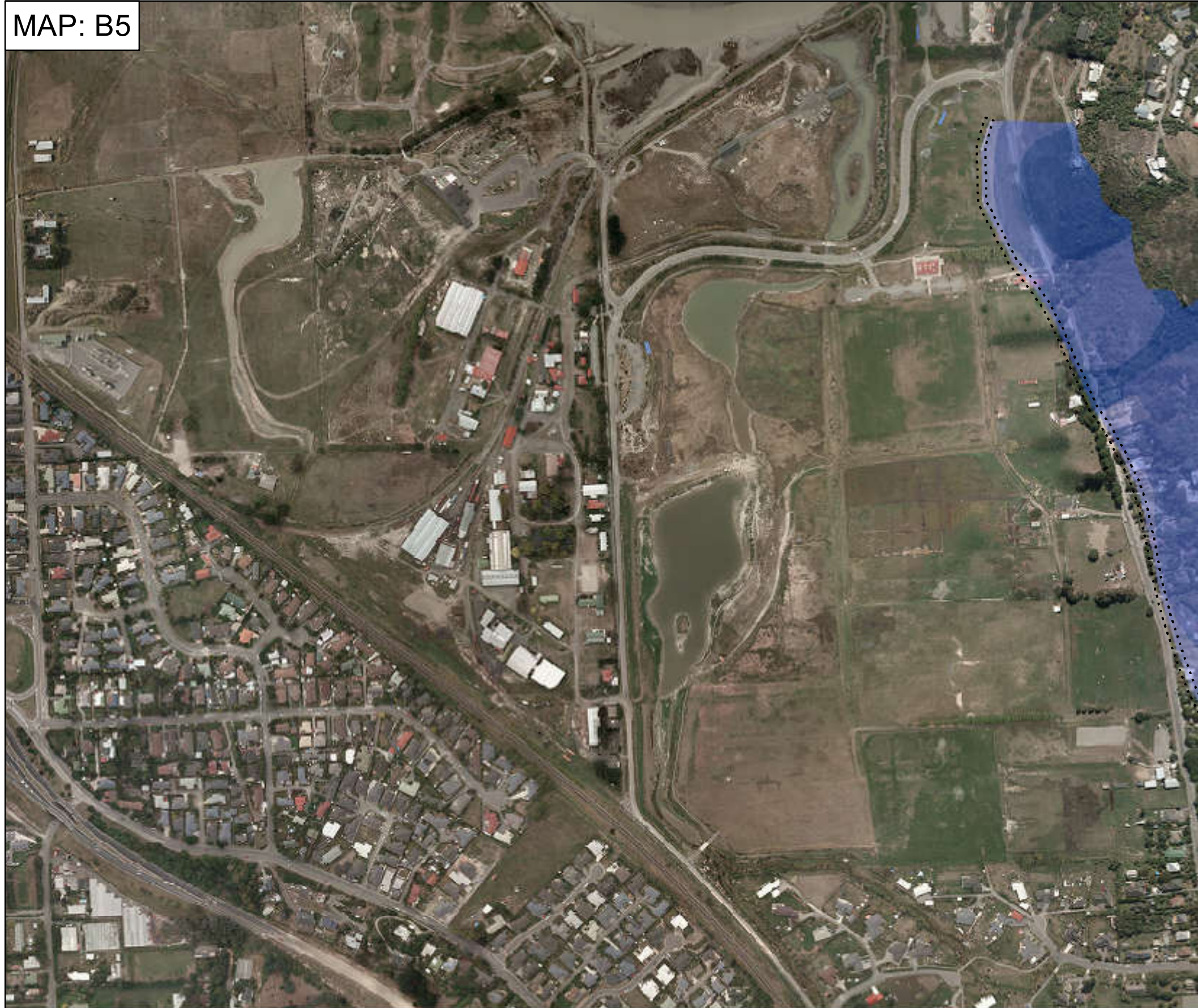


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Projection: New Zealand Transverse Mercator
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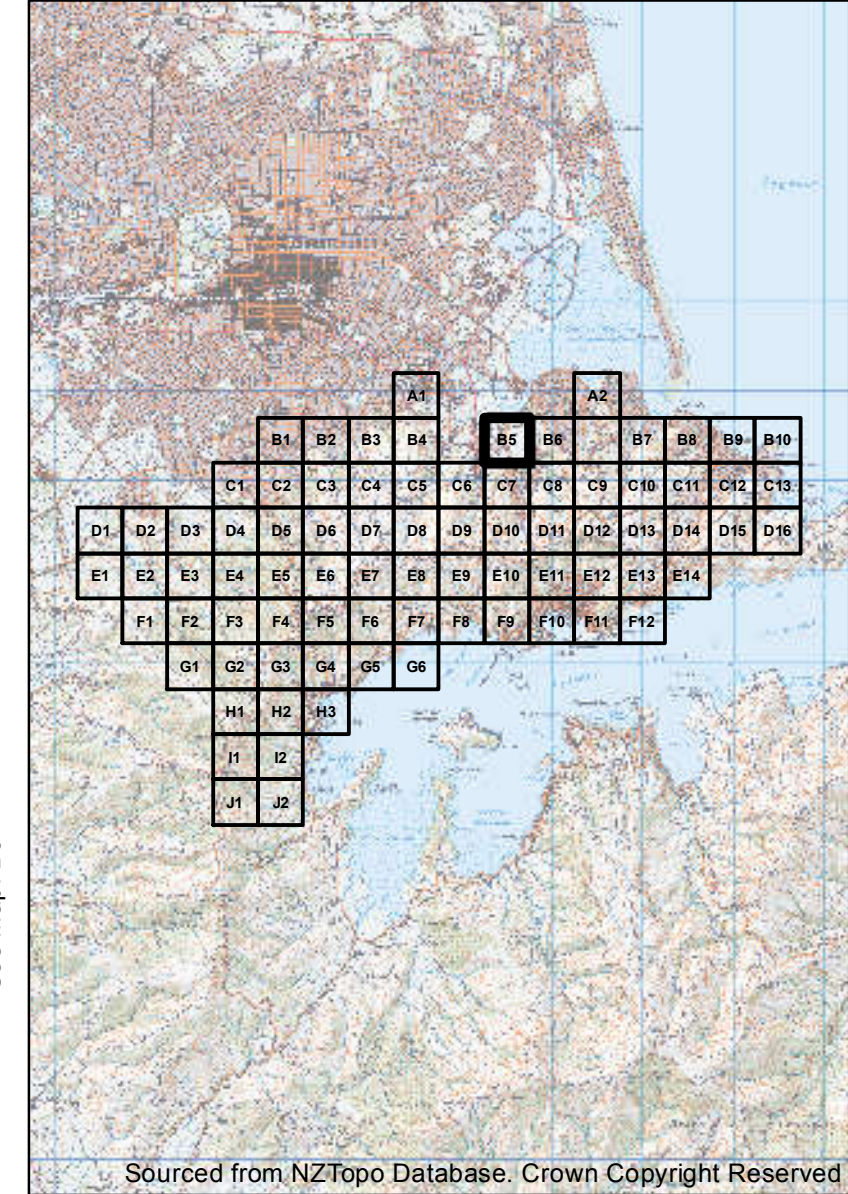
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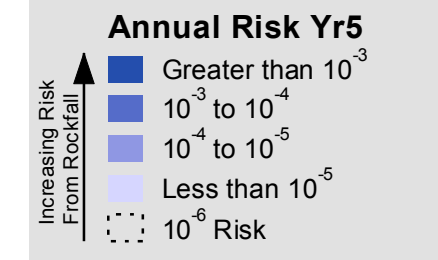
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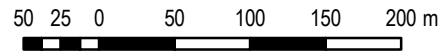


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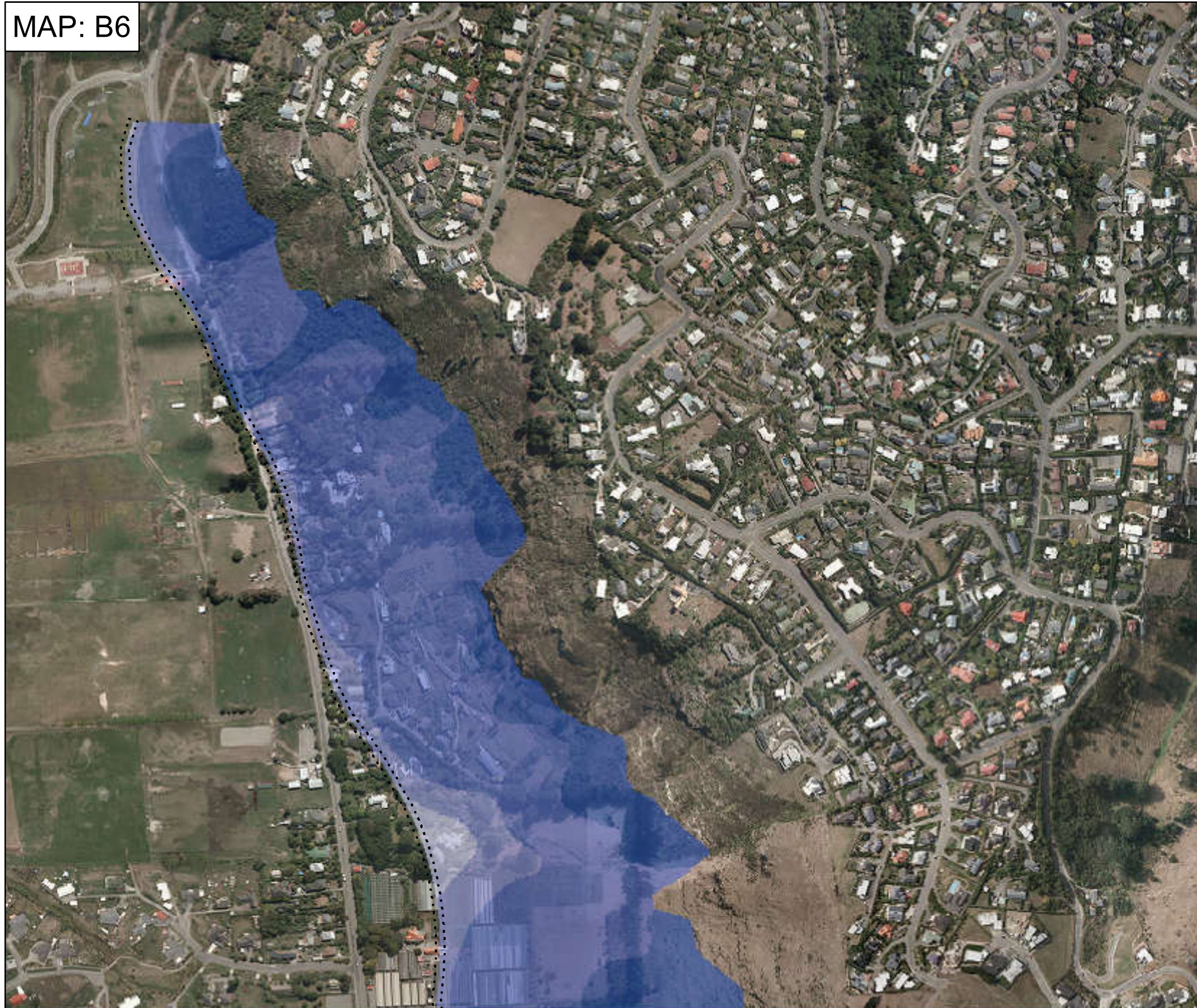


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
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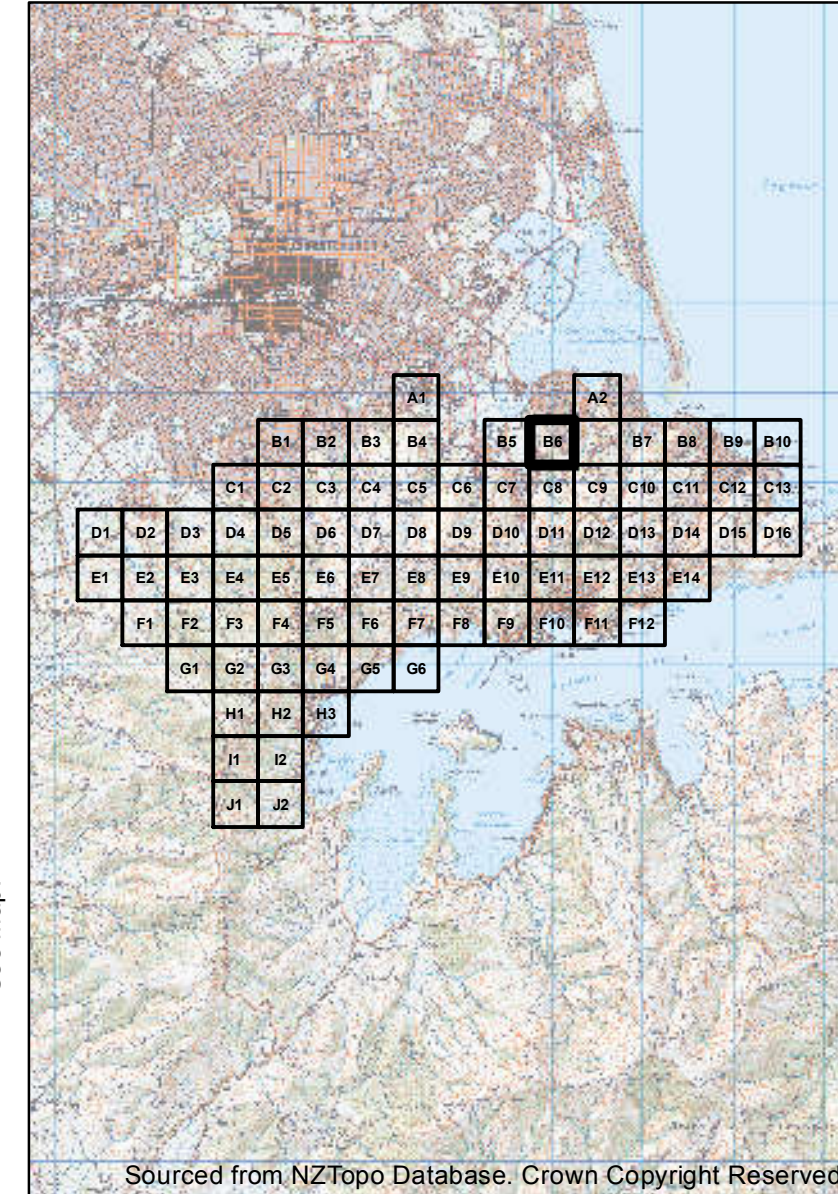
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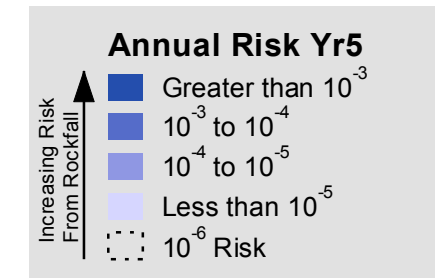
See Map: B5

See Map: C8



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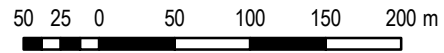


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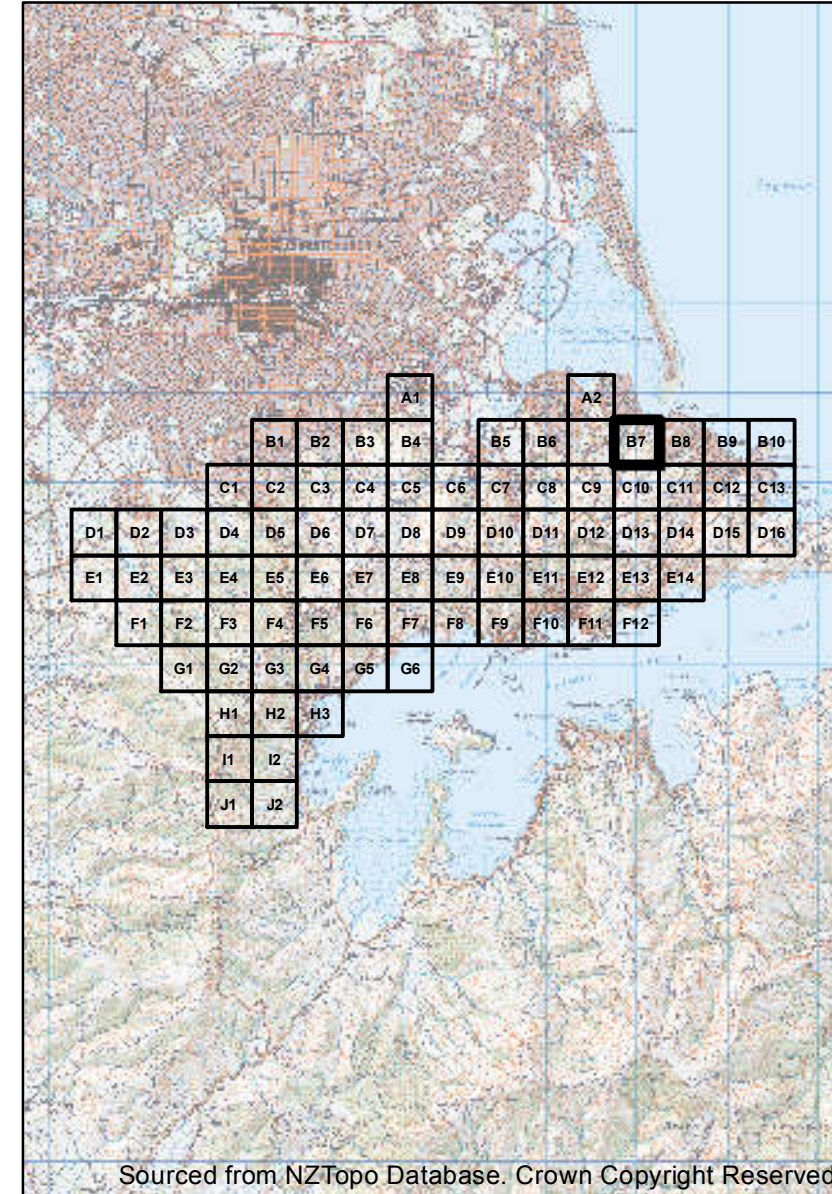
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Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

See Map:

MAP: B7

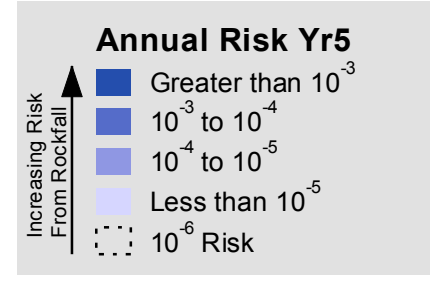


See Map:



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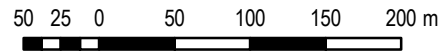
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Datum: Geodetic Datum of New Zealand 2000
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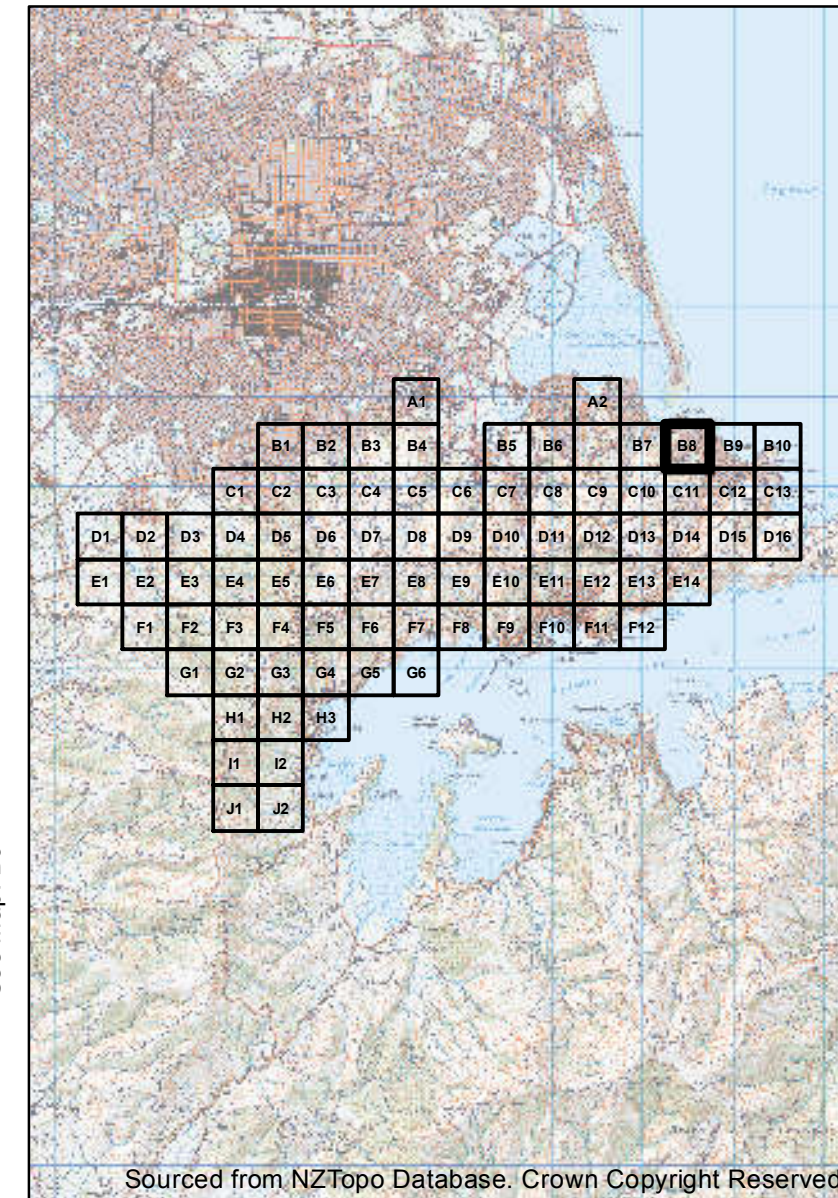
See Map:

MAP: B8



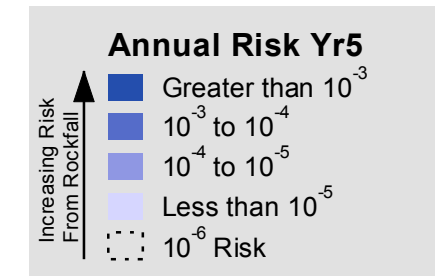
See Map: B7

See Map: C11



See Map: B9

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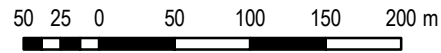


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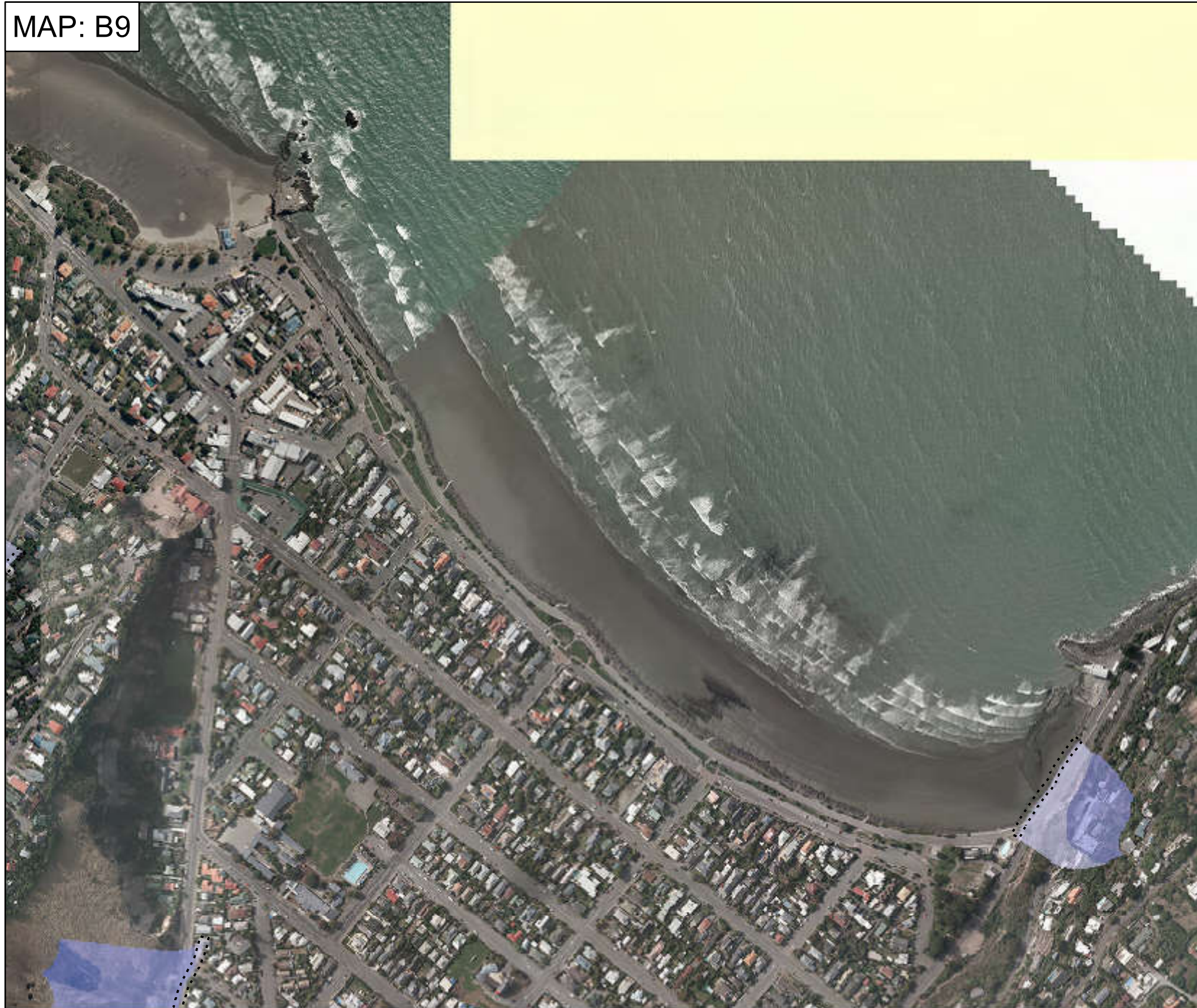


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

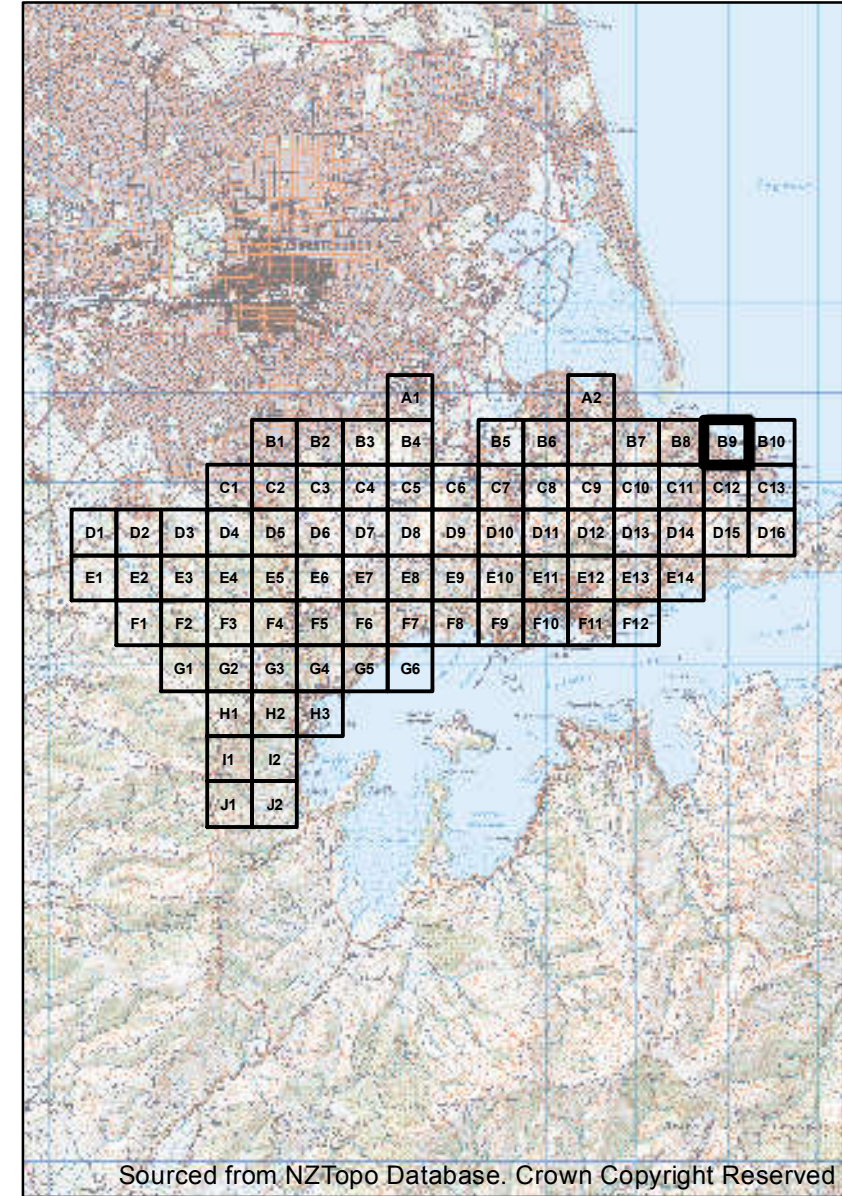
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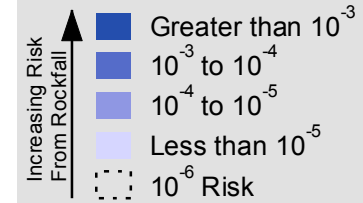
See Map: B8

See Map: C12



See Map: B10

Annual Risk Yr5



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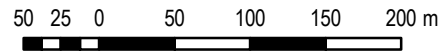


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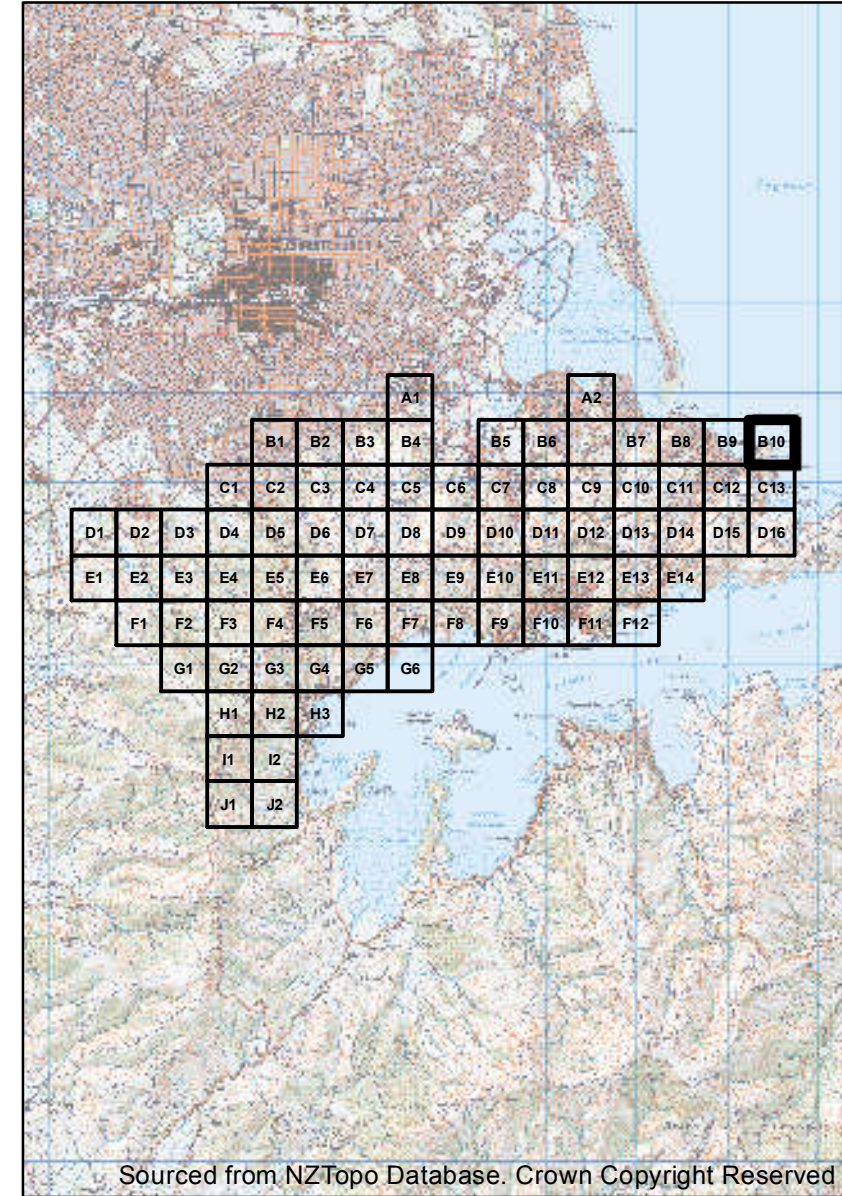
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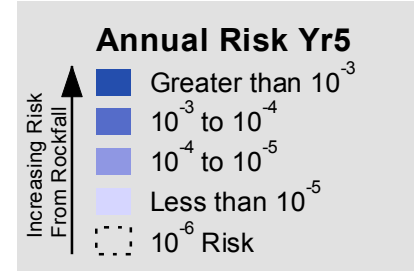
See Map: B9

See Map: C13



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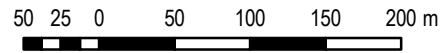


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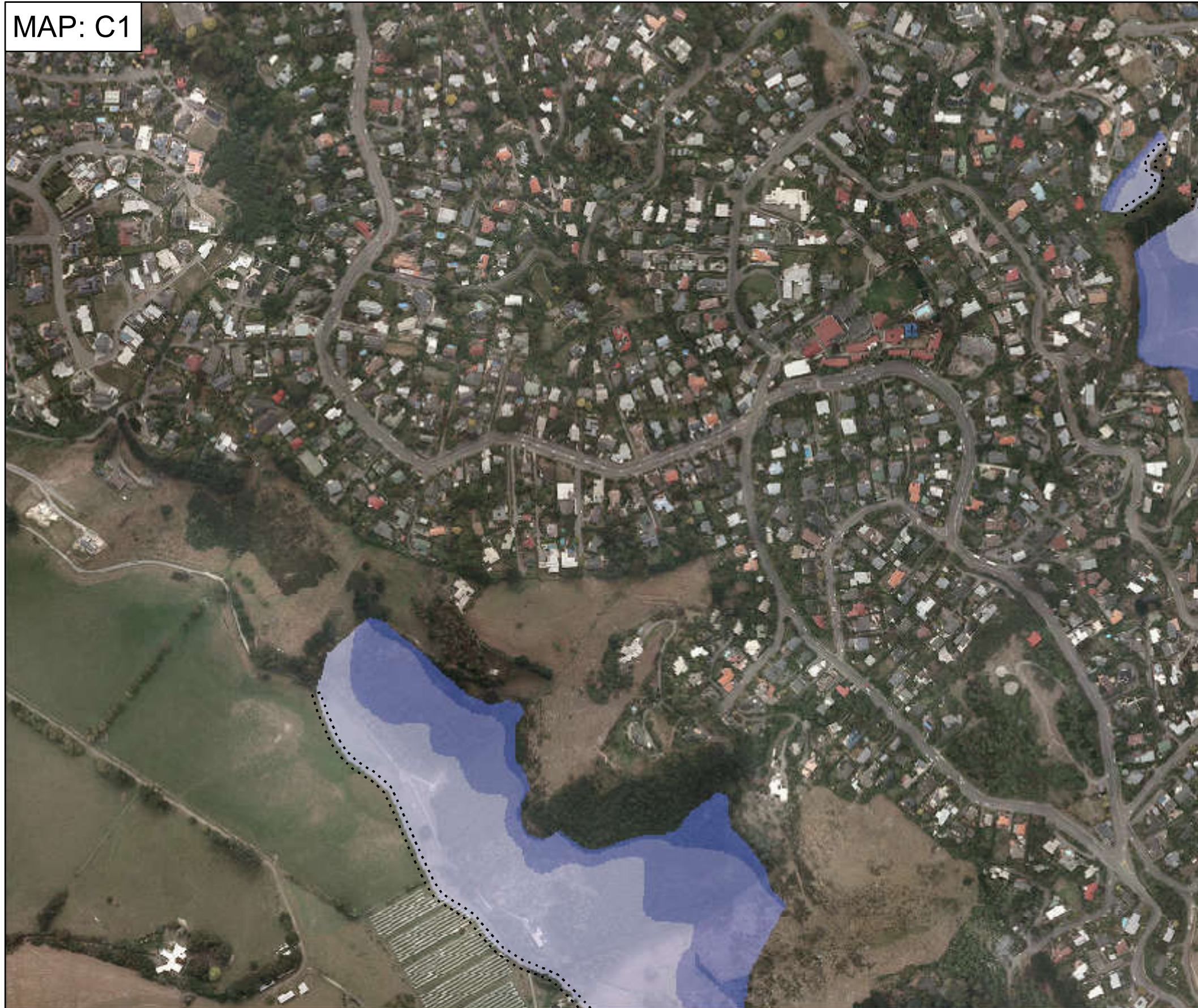


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Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

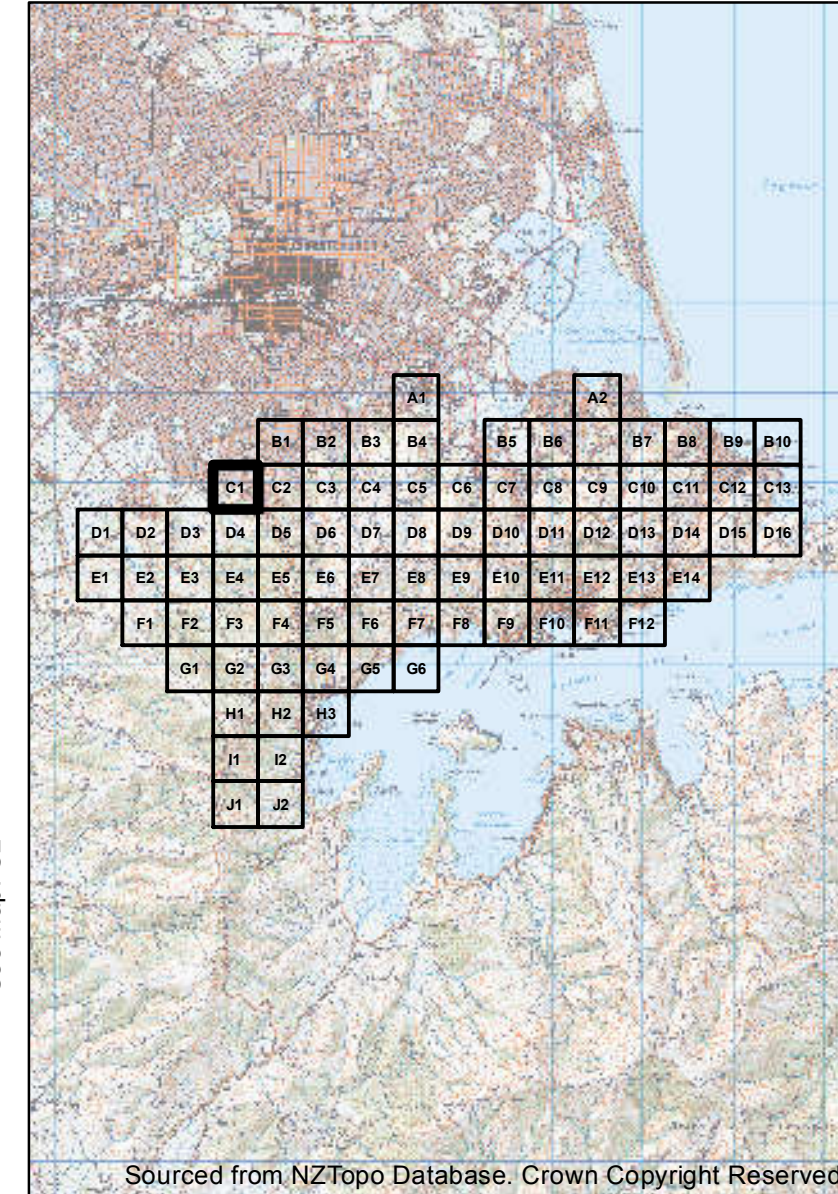
See Map:

MAP: C1



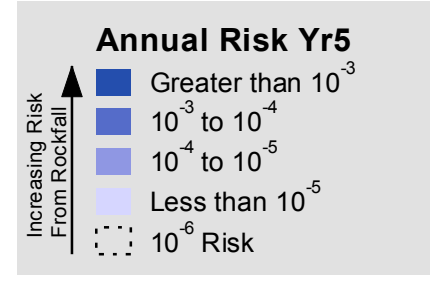
See Map:

See Map: D4



See Map: C2

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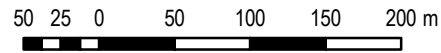


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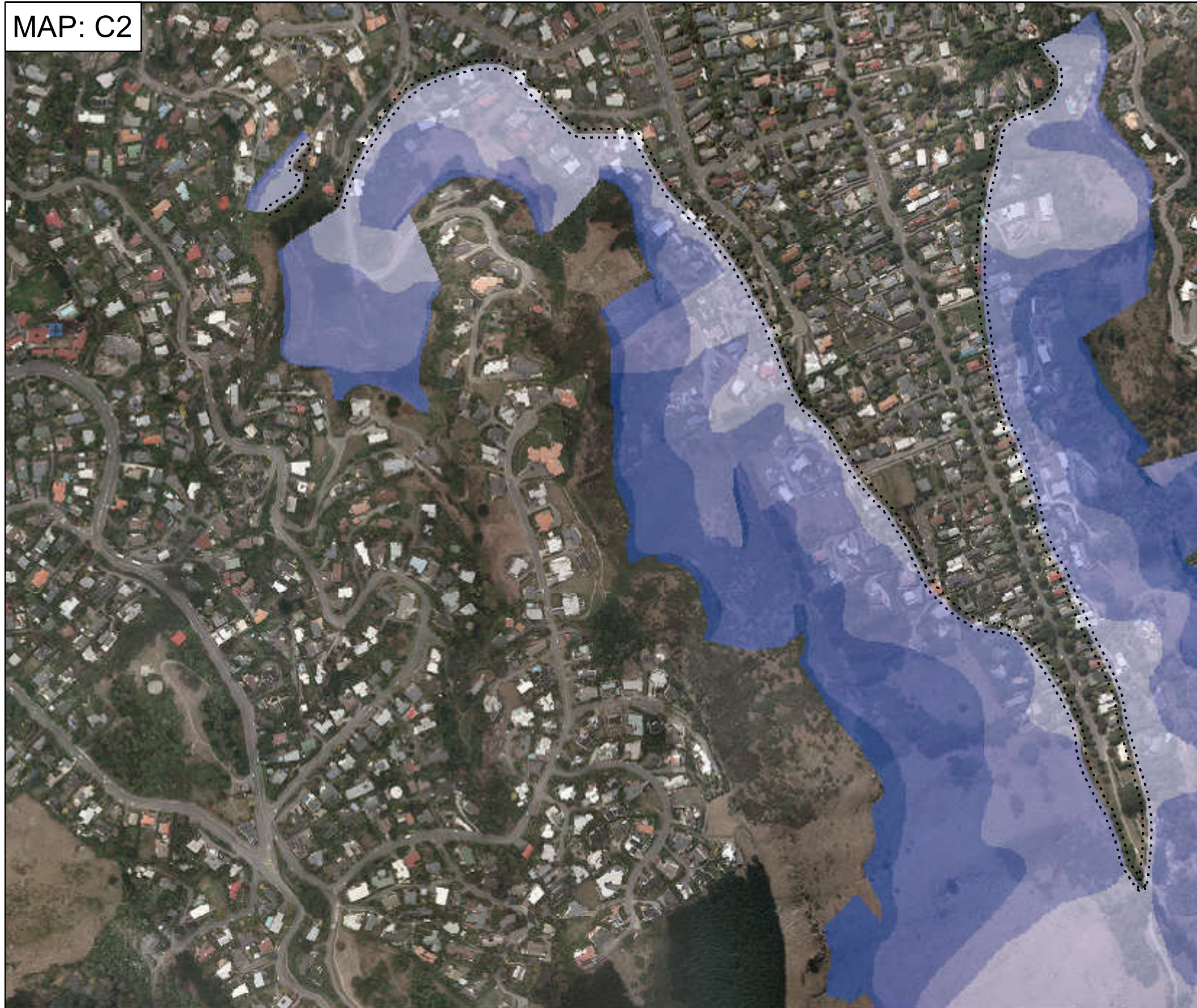


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Datum: Geodetic Datum of New Zealand 2000
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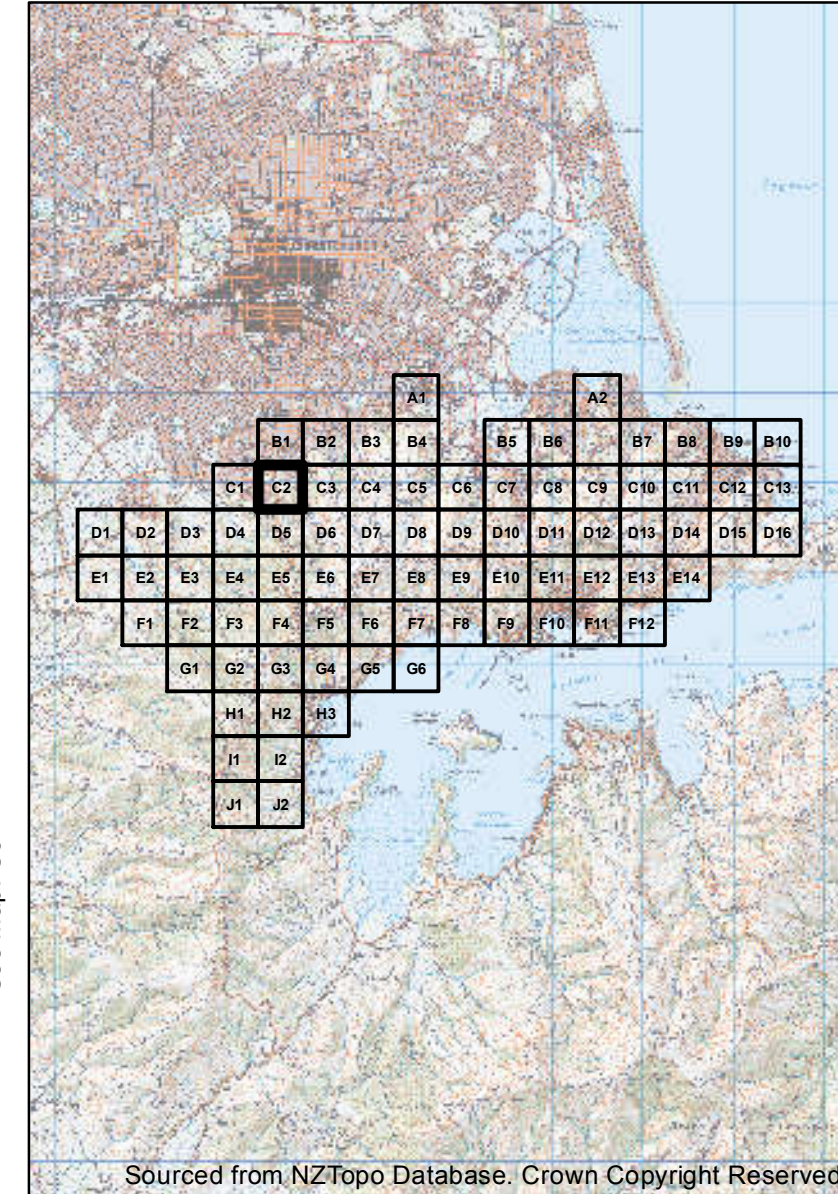
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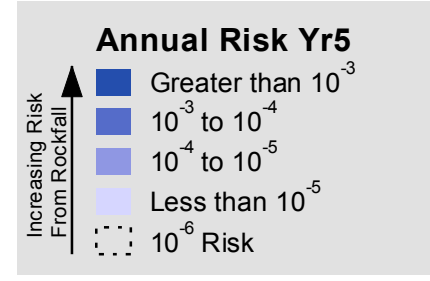
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See Map: D5



See Map: C3

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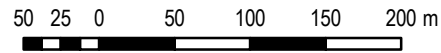


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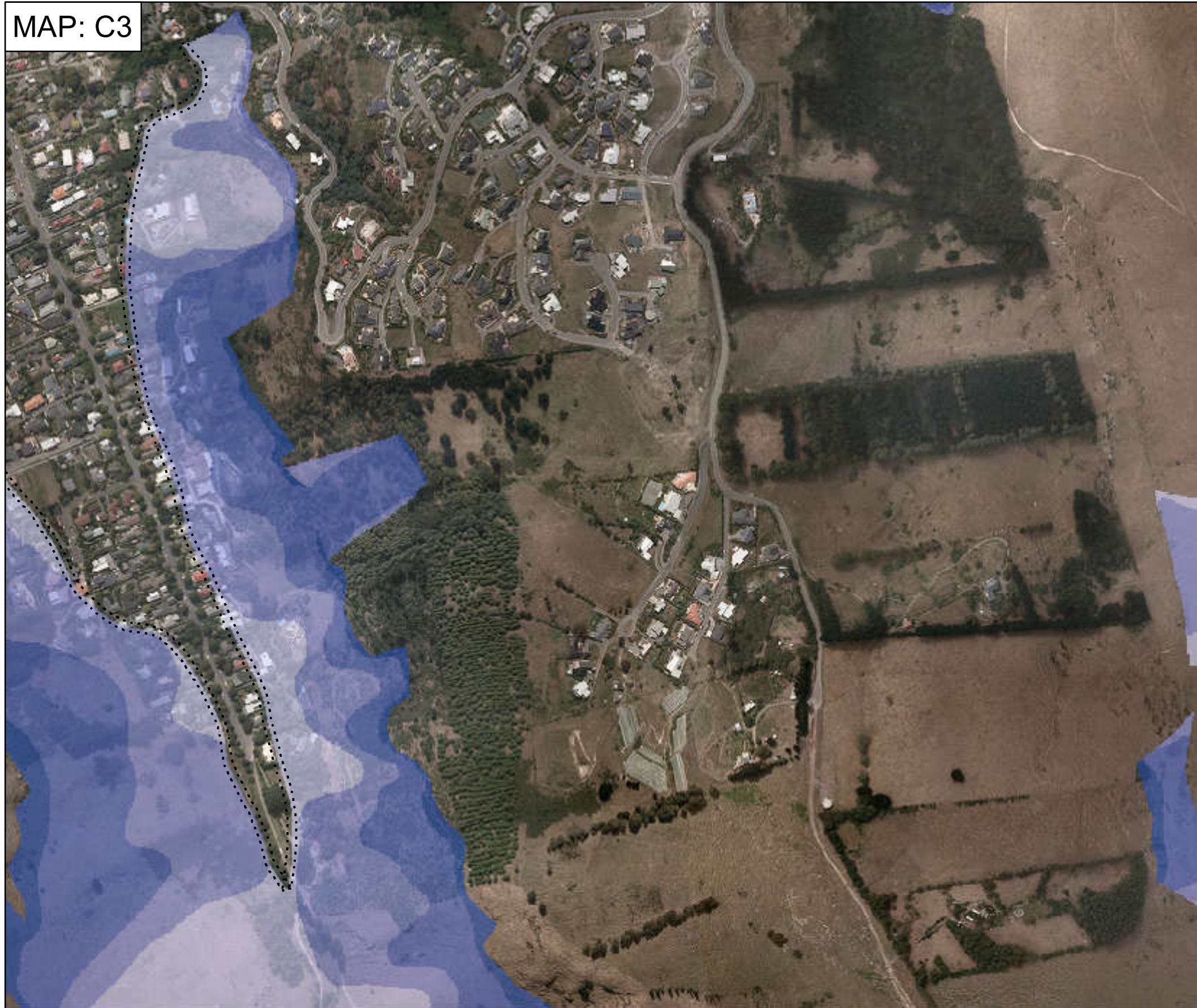


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

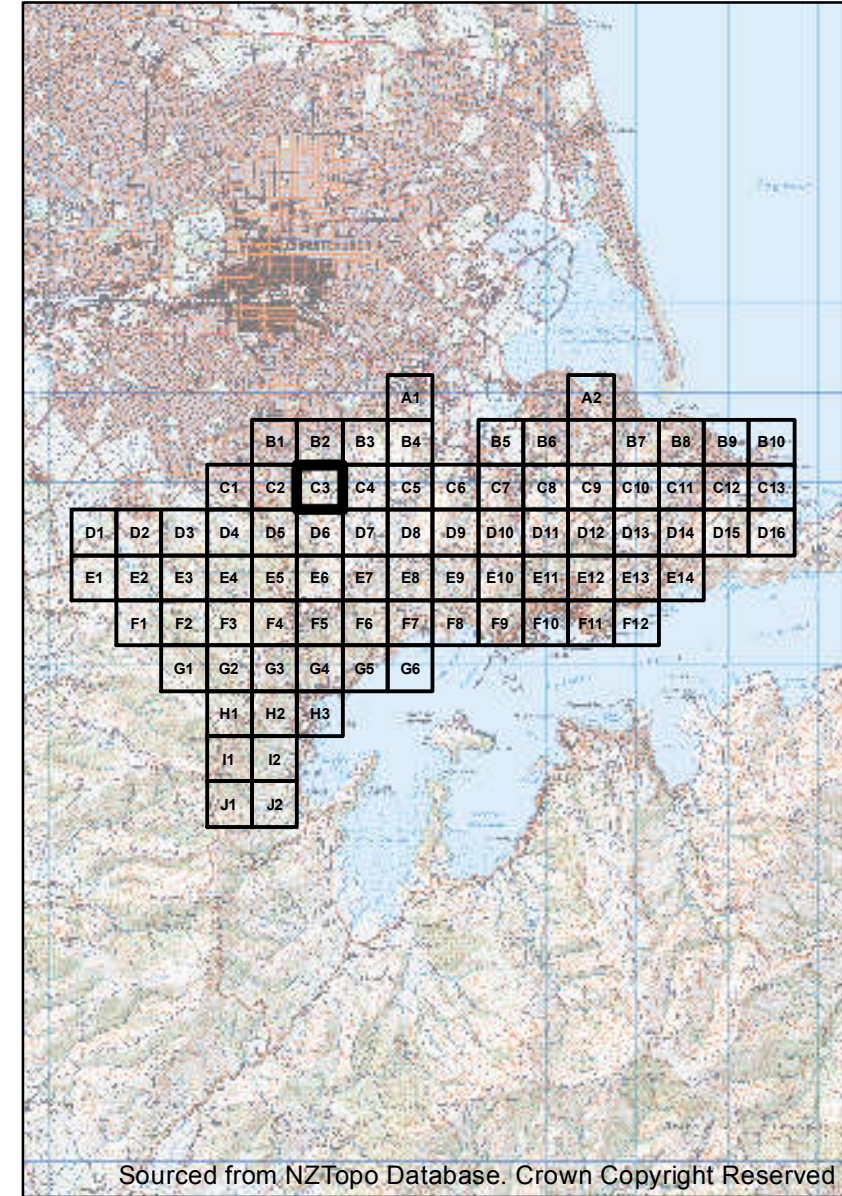
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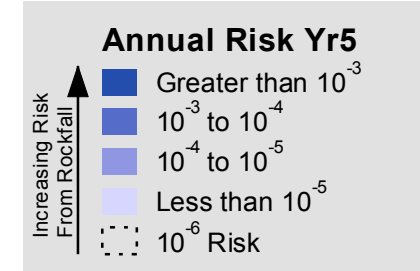
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See Map: D6



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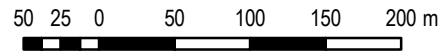


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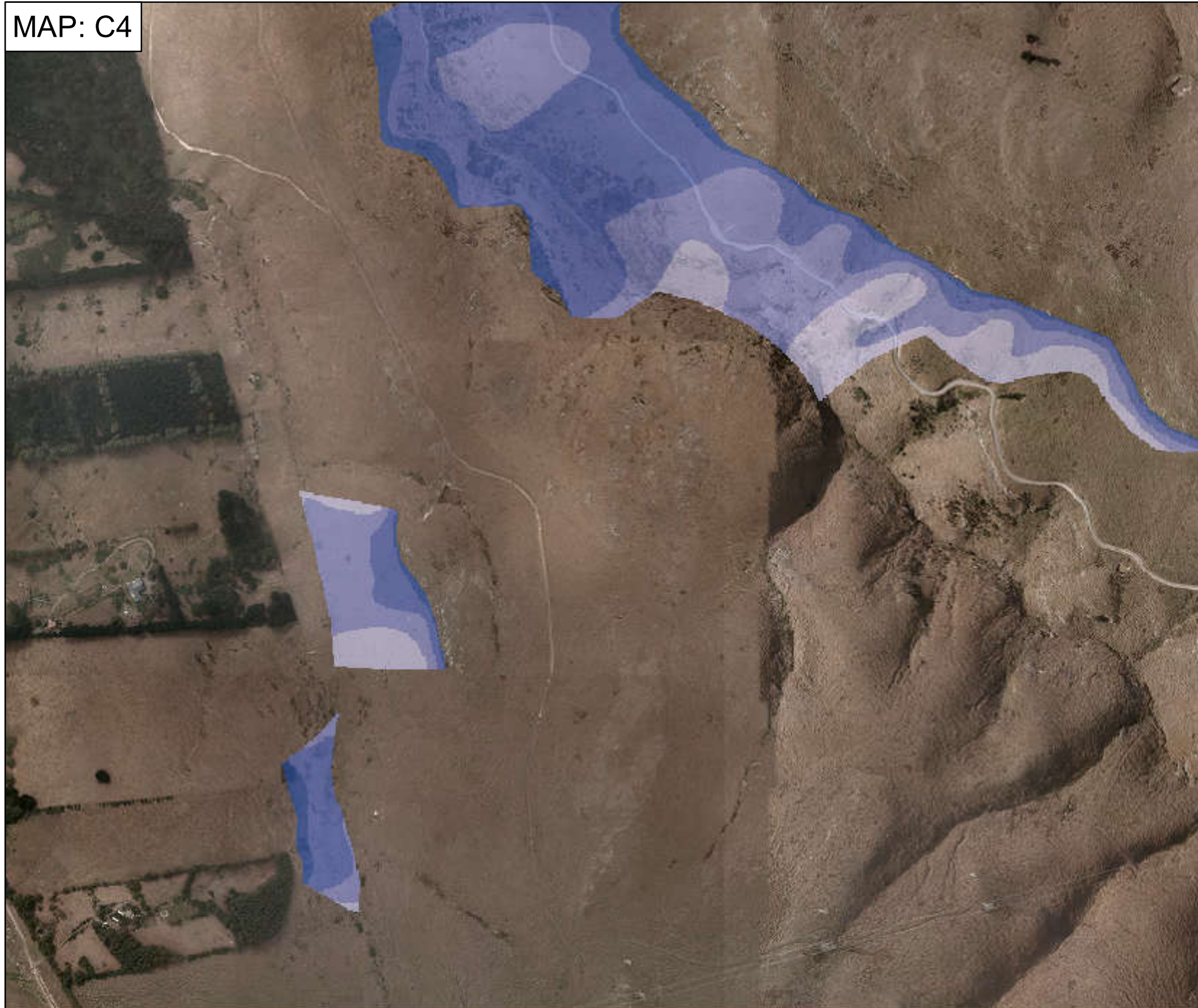


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Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
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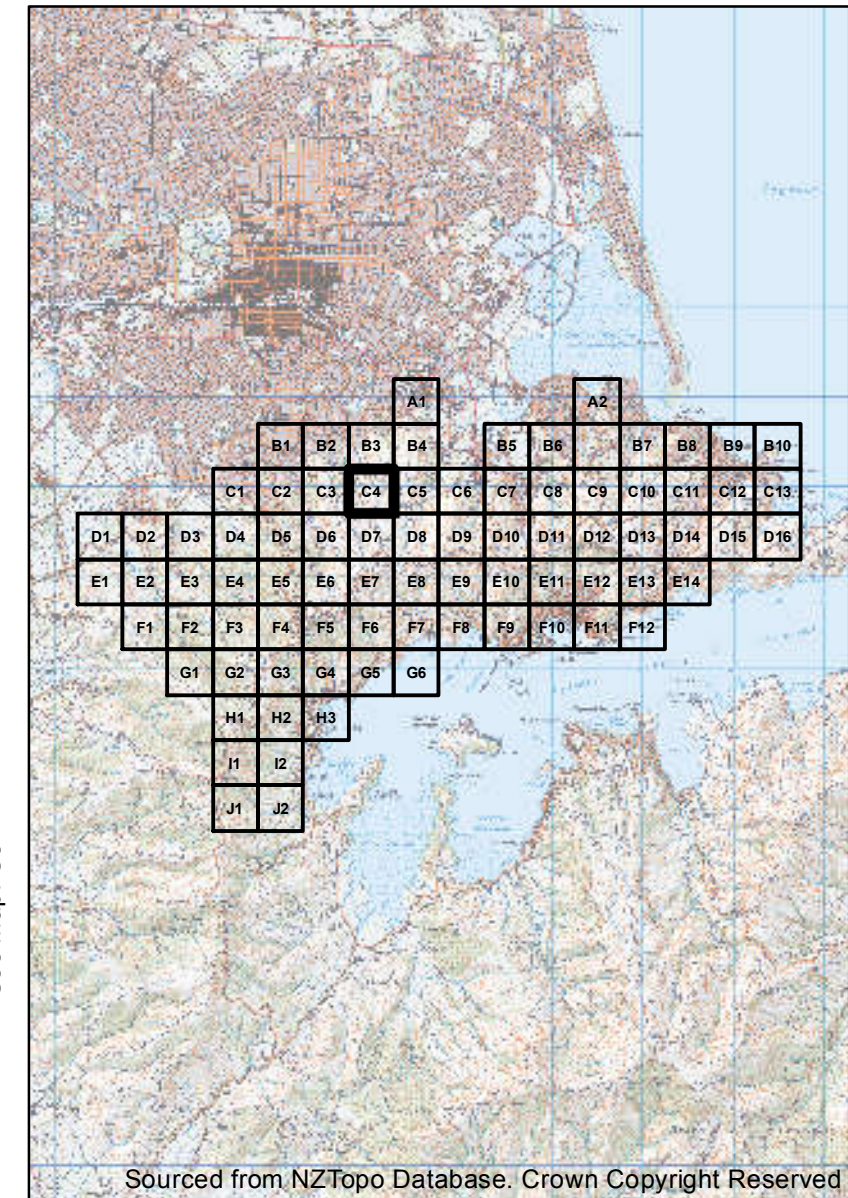
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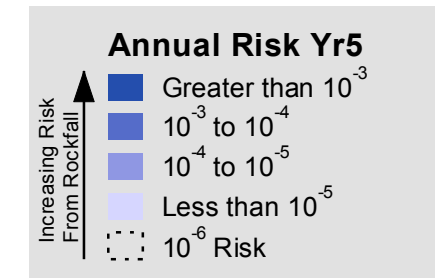
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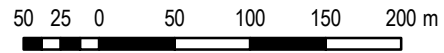


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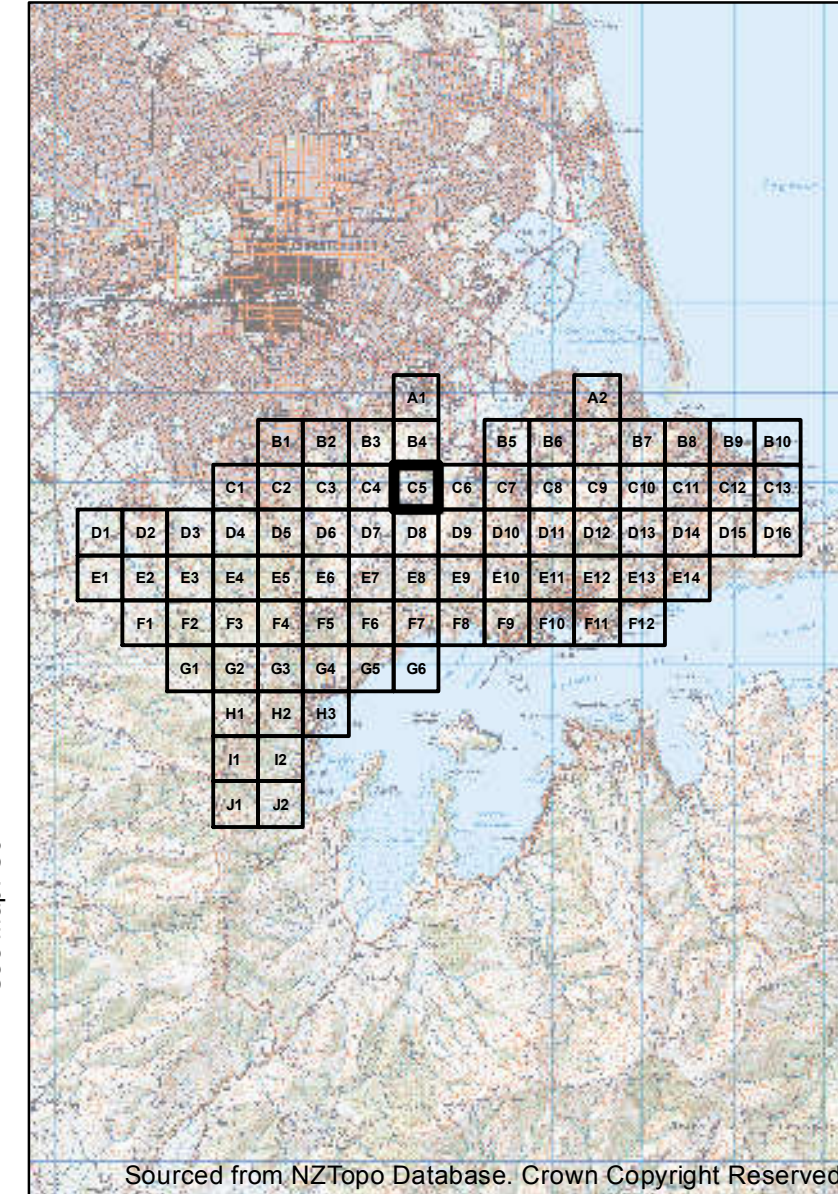
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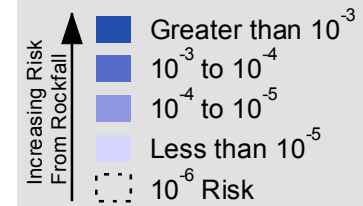
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See Map: D8



See Map: C6

Annual Risk Yr5



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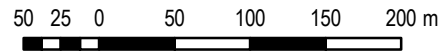


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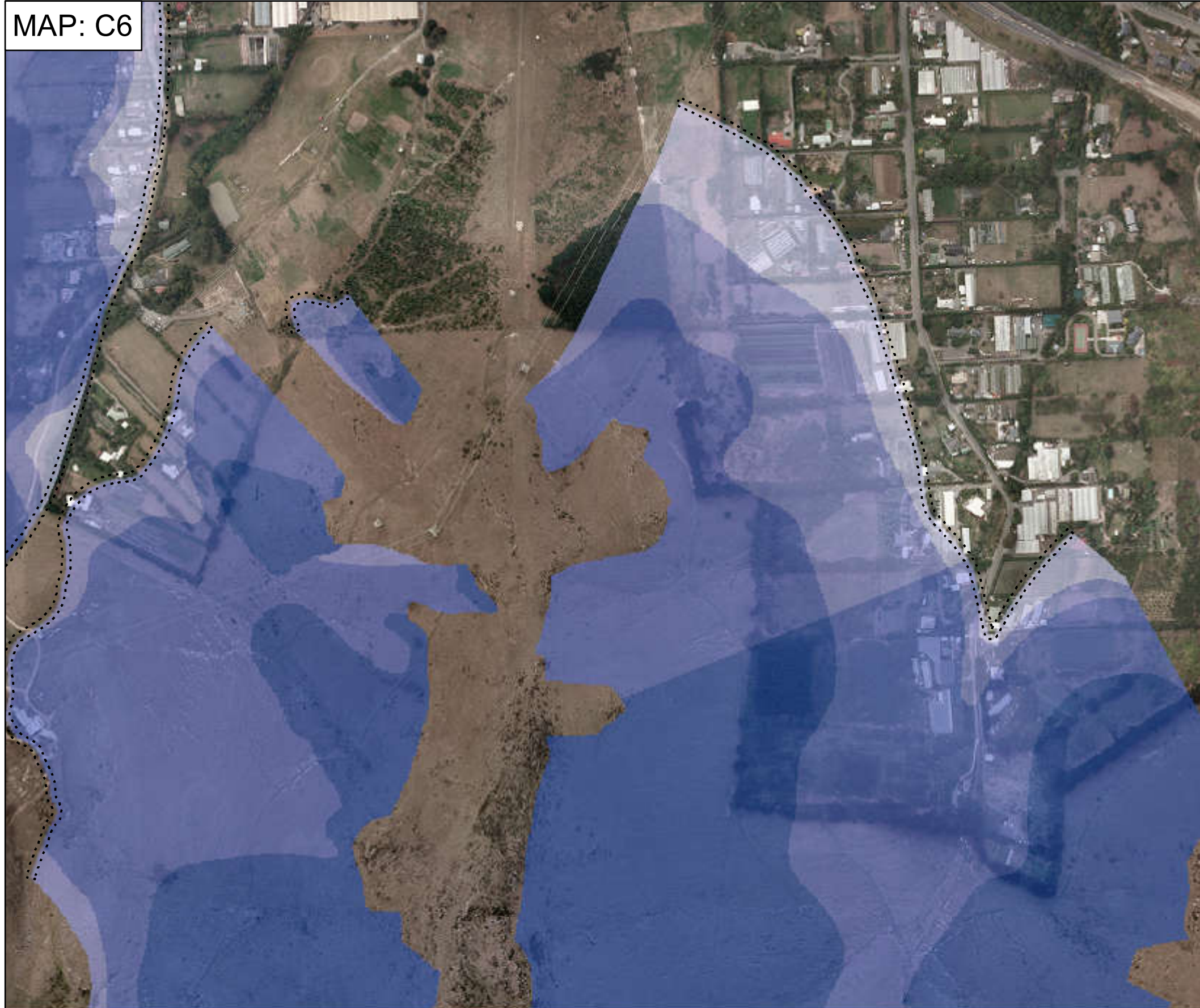
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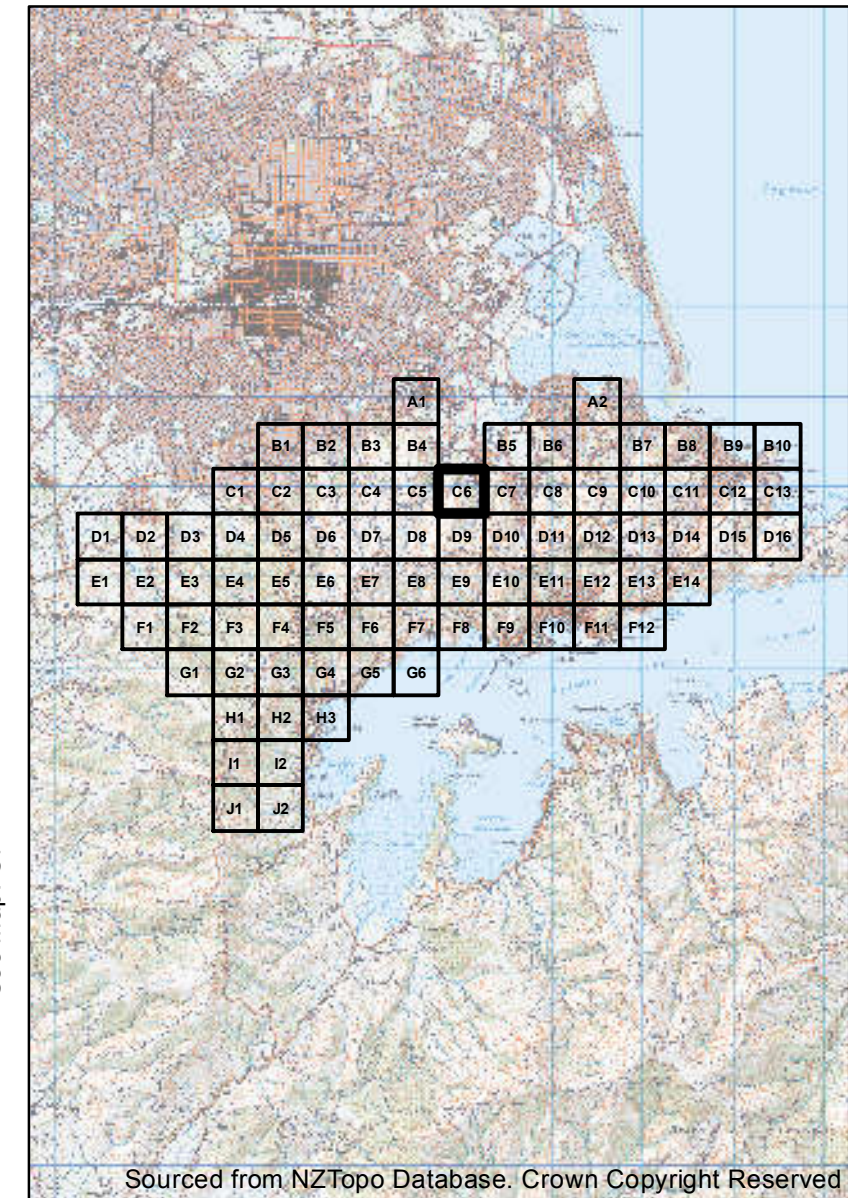
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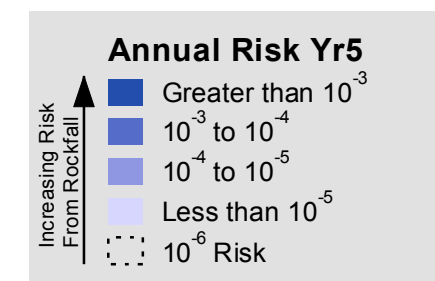
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See Map: D9



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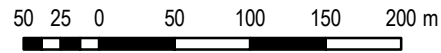


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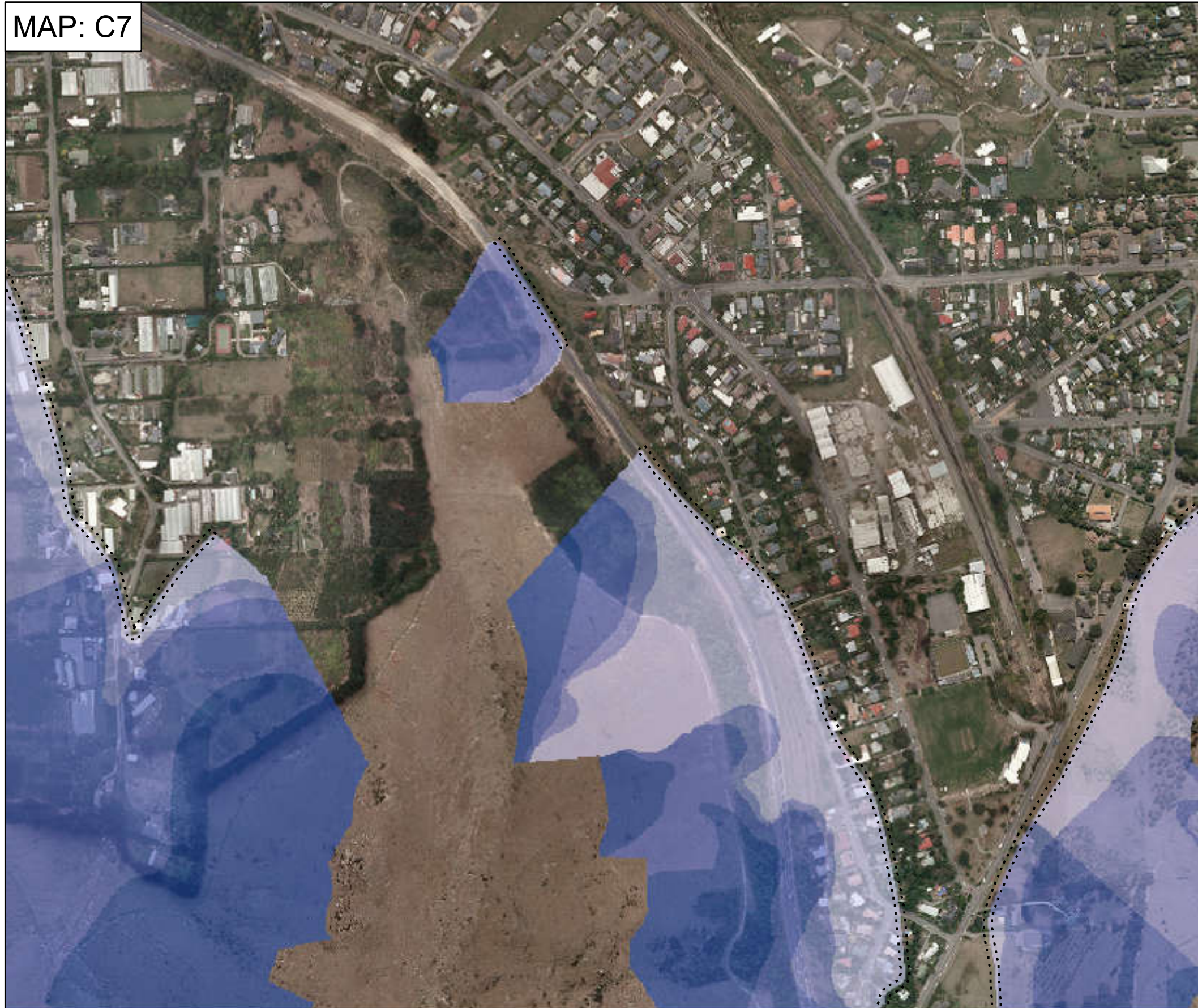


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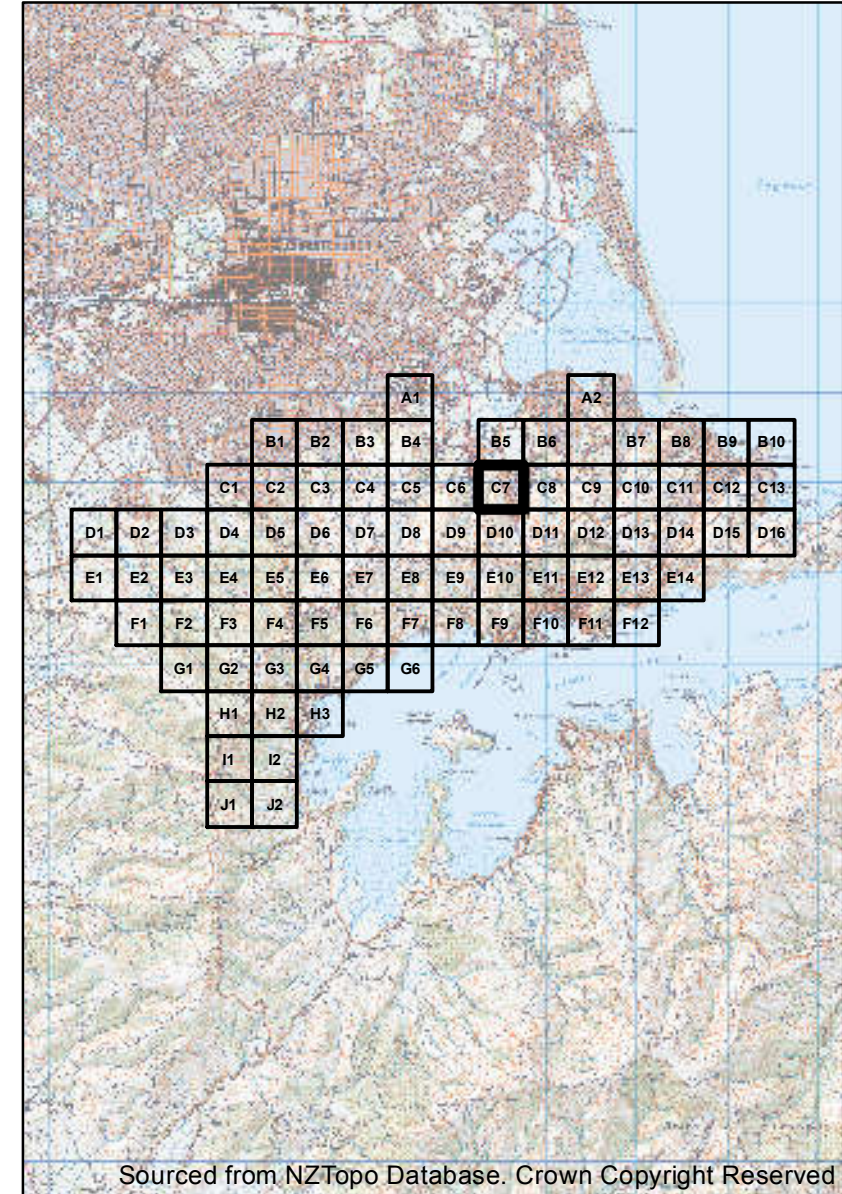
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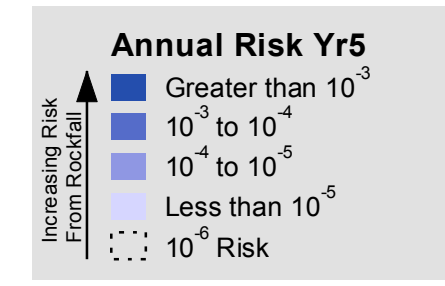
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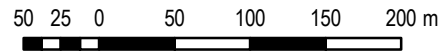


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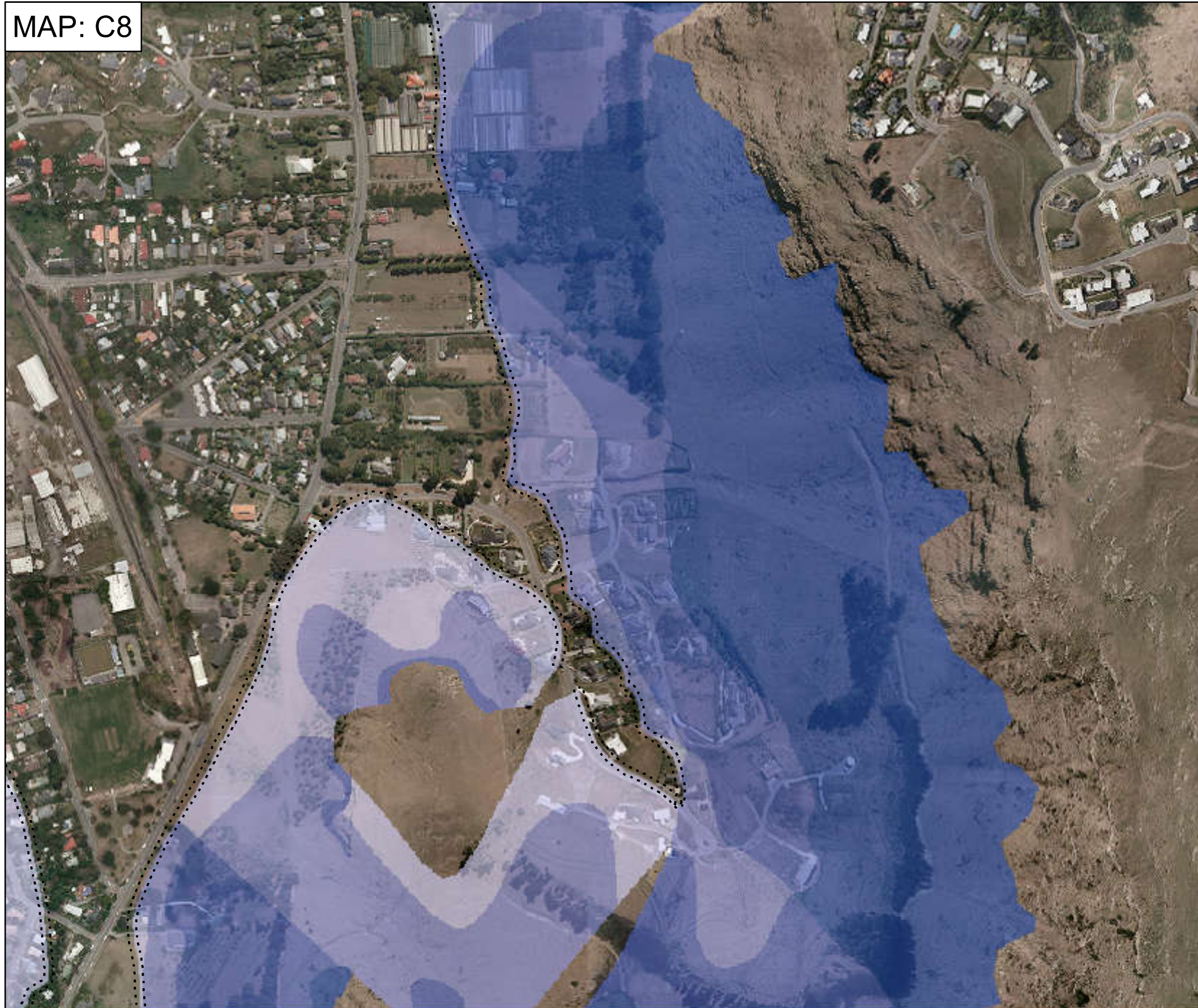


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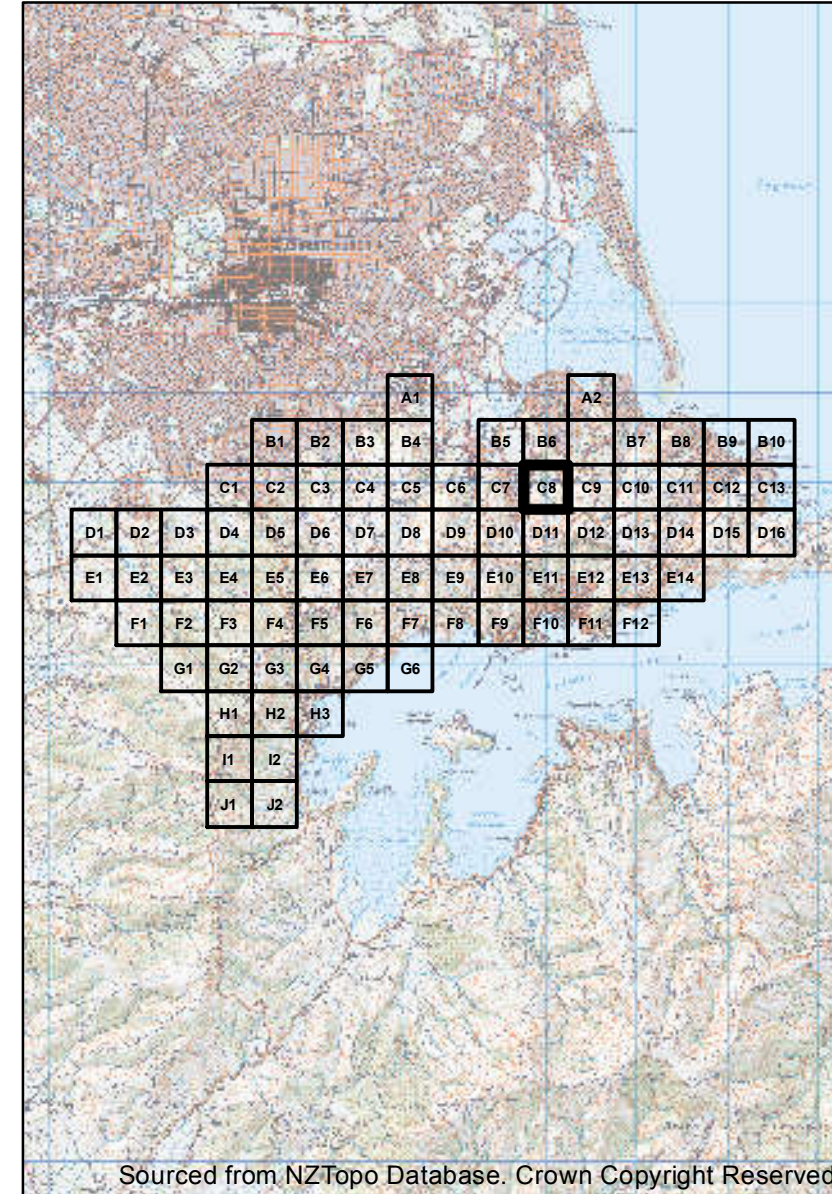
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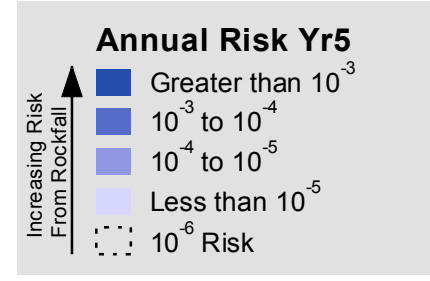
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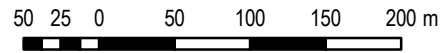
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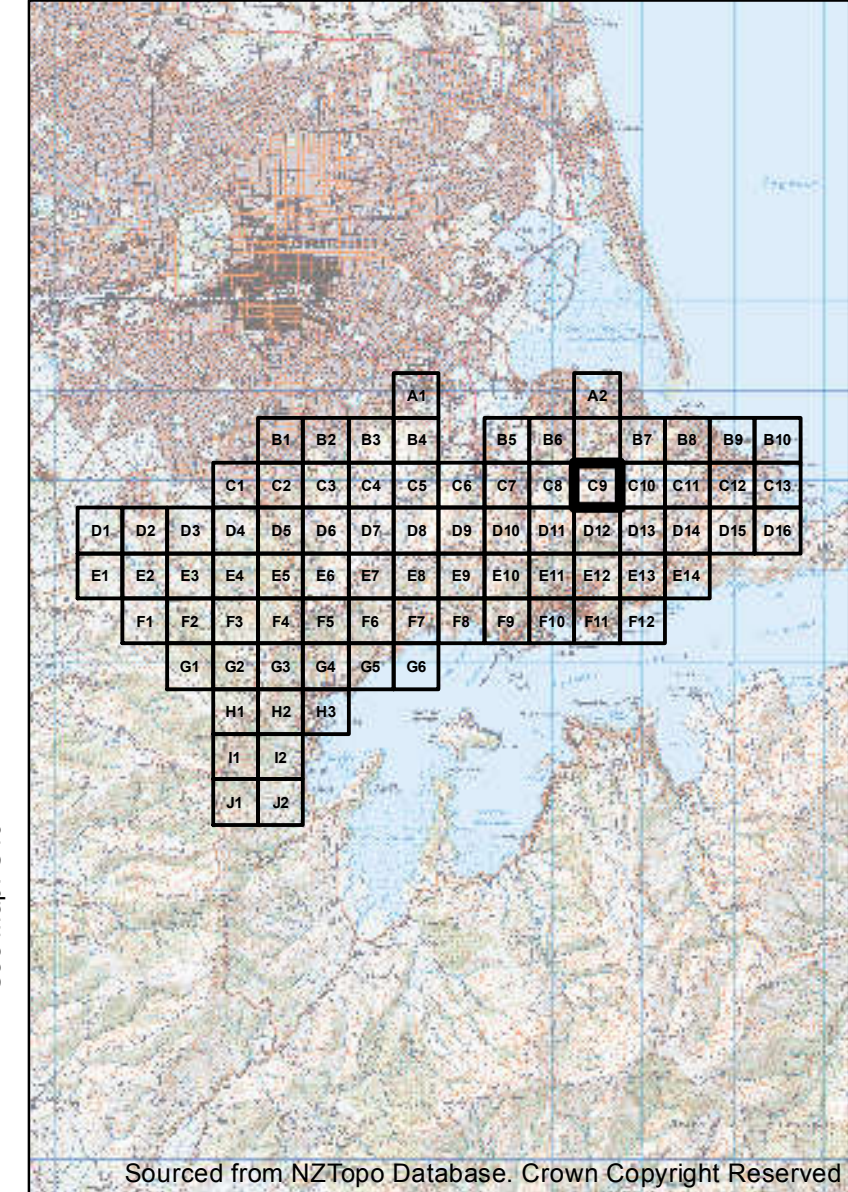
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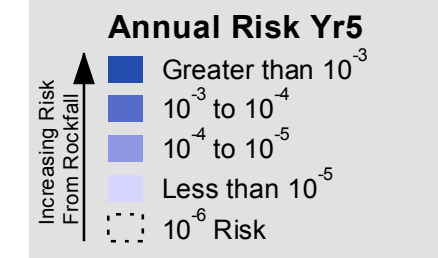
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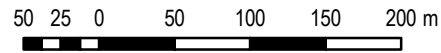


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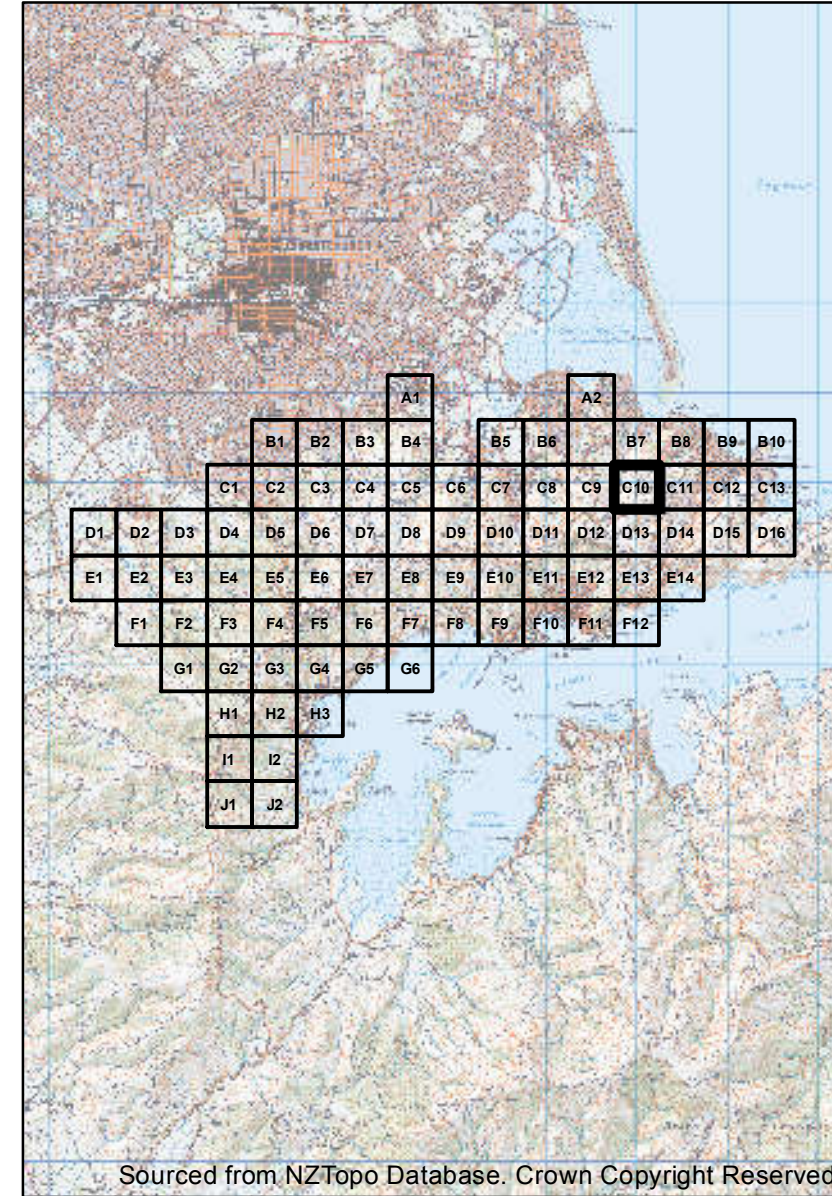
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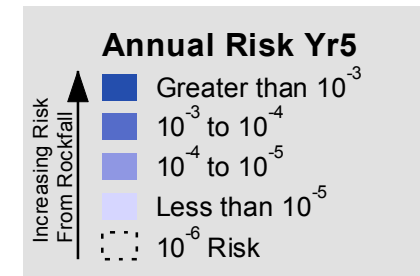
See Map: C9

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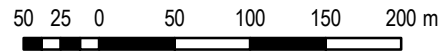


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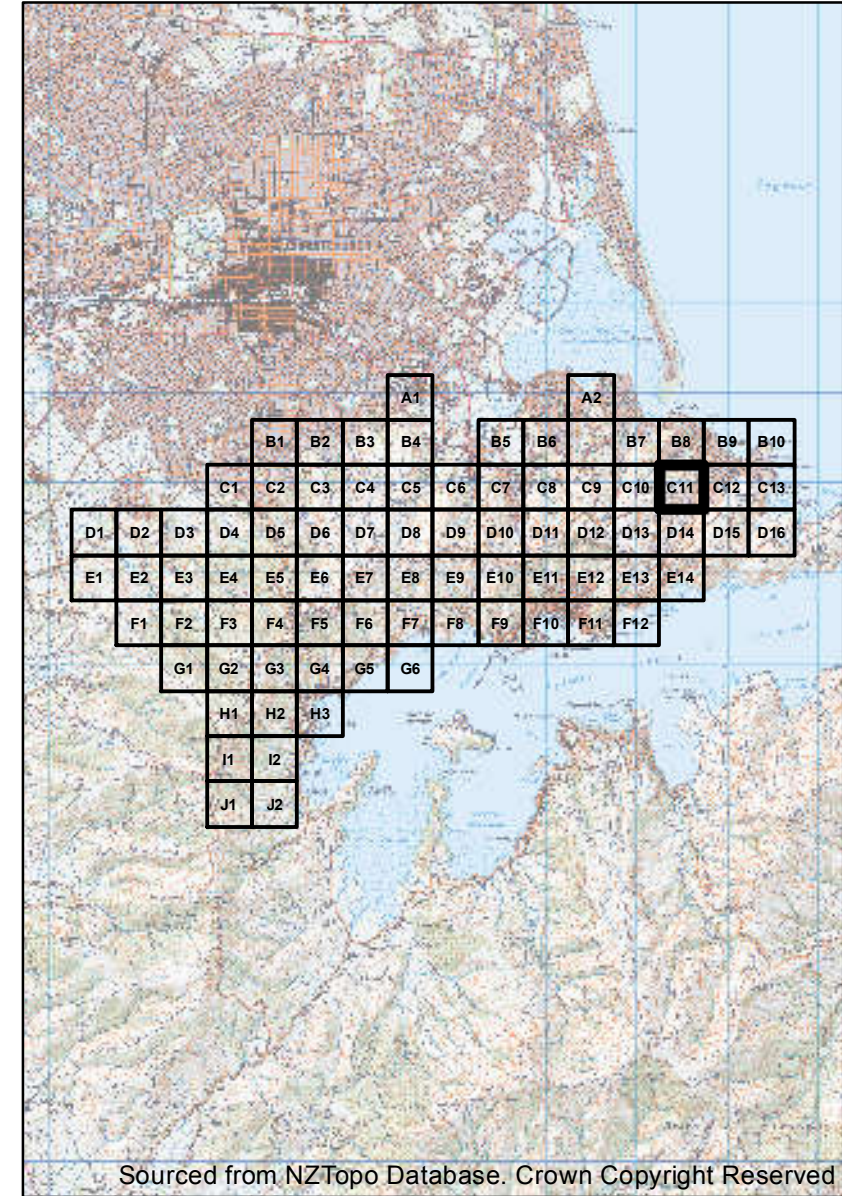
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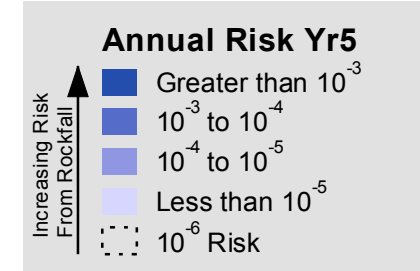
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See Map: D14



See Map: C12

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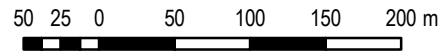


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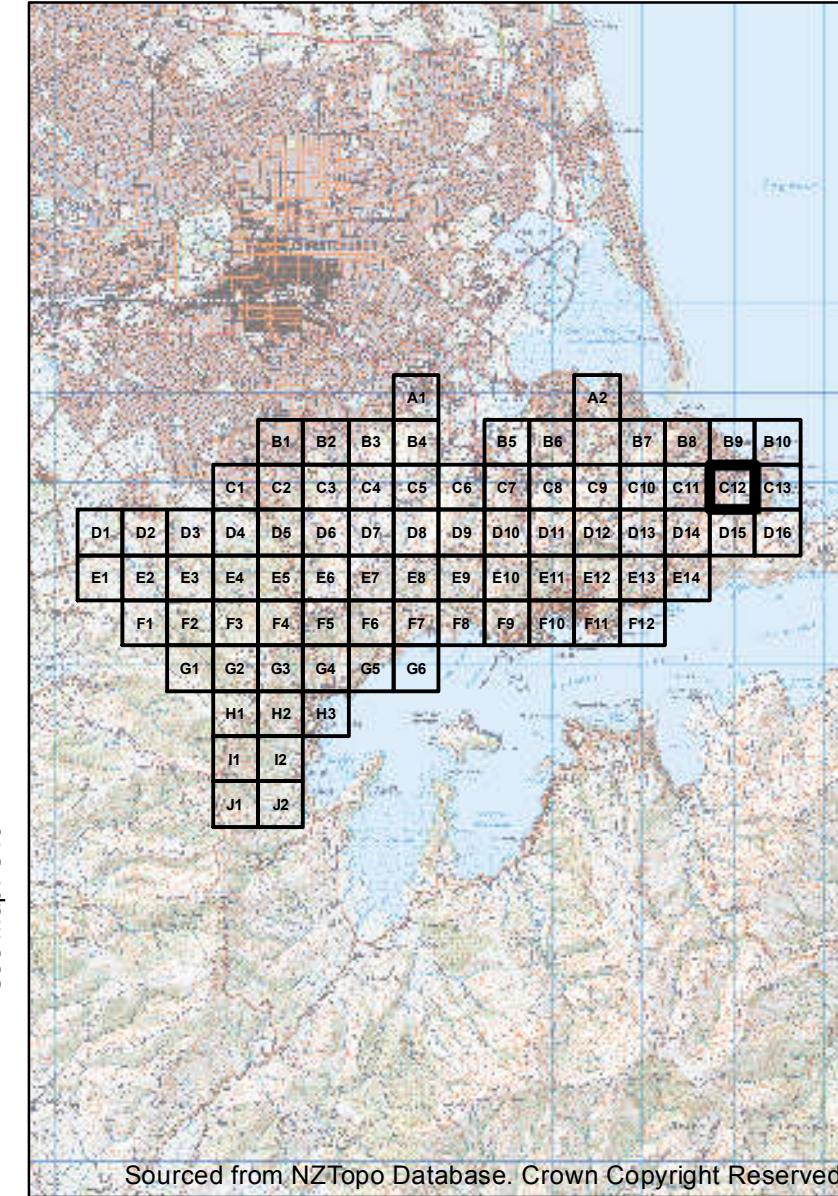
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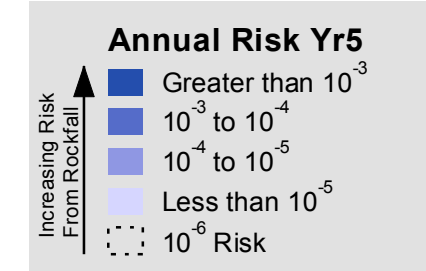
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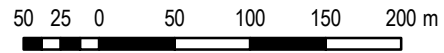
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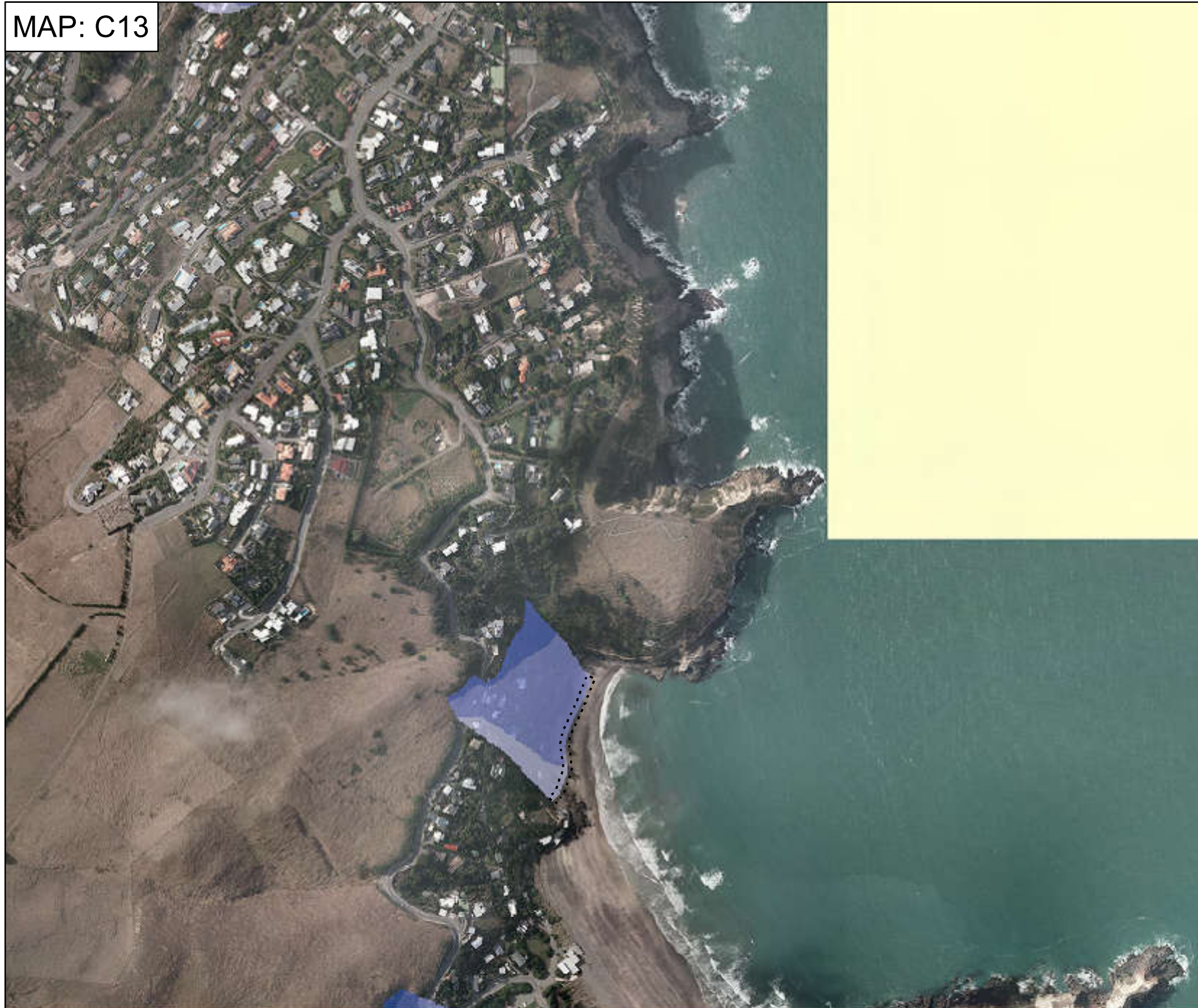


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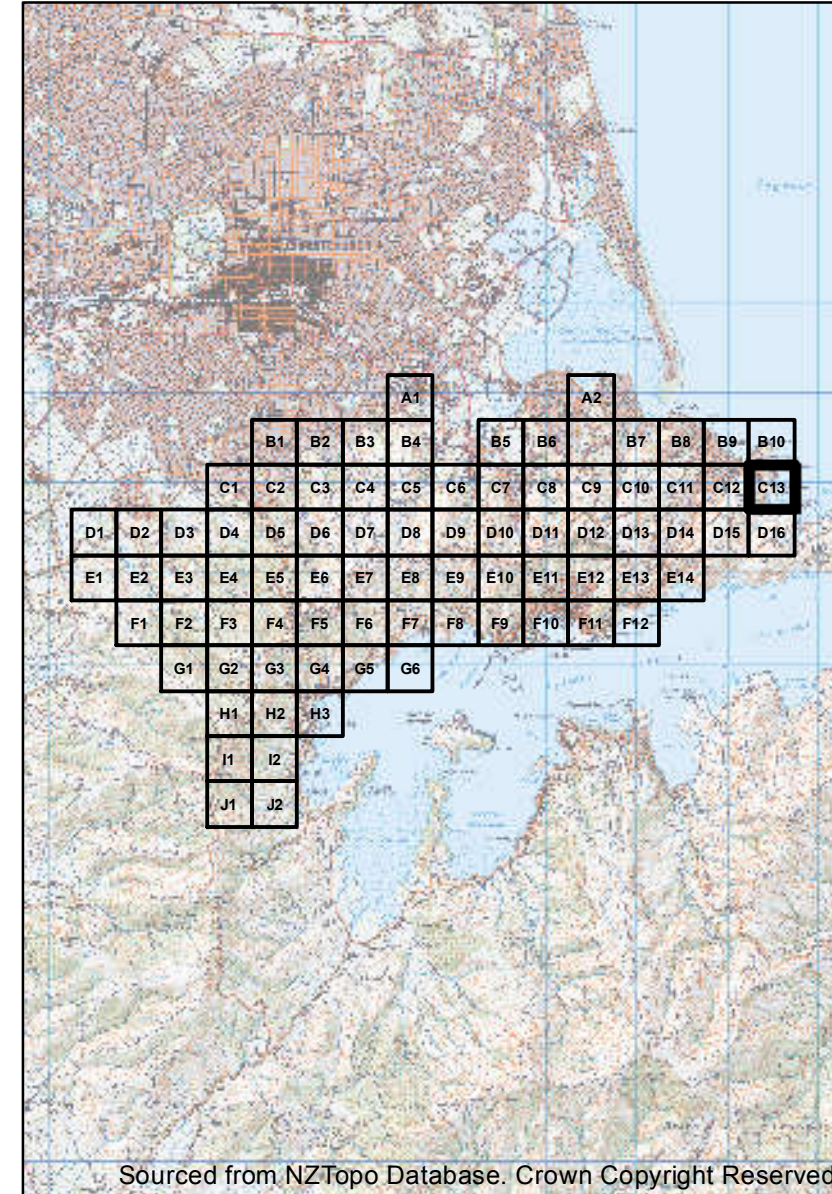
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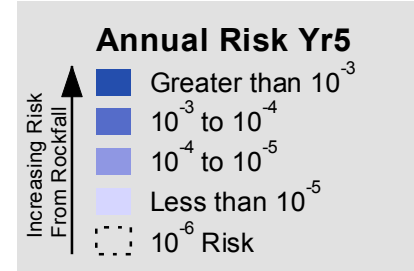
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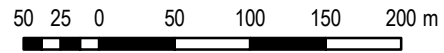


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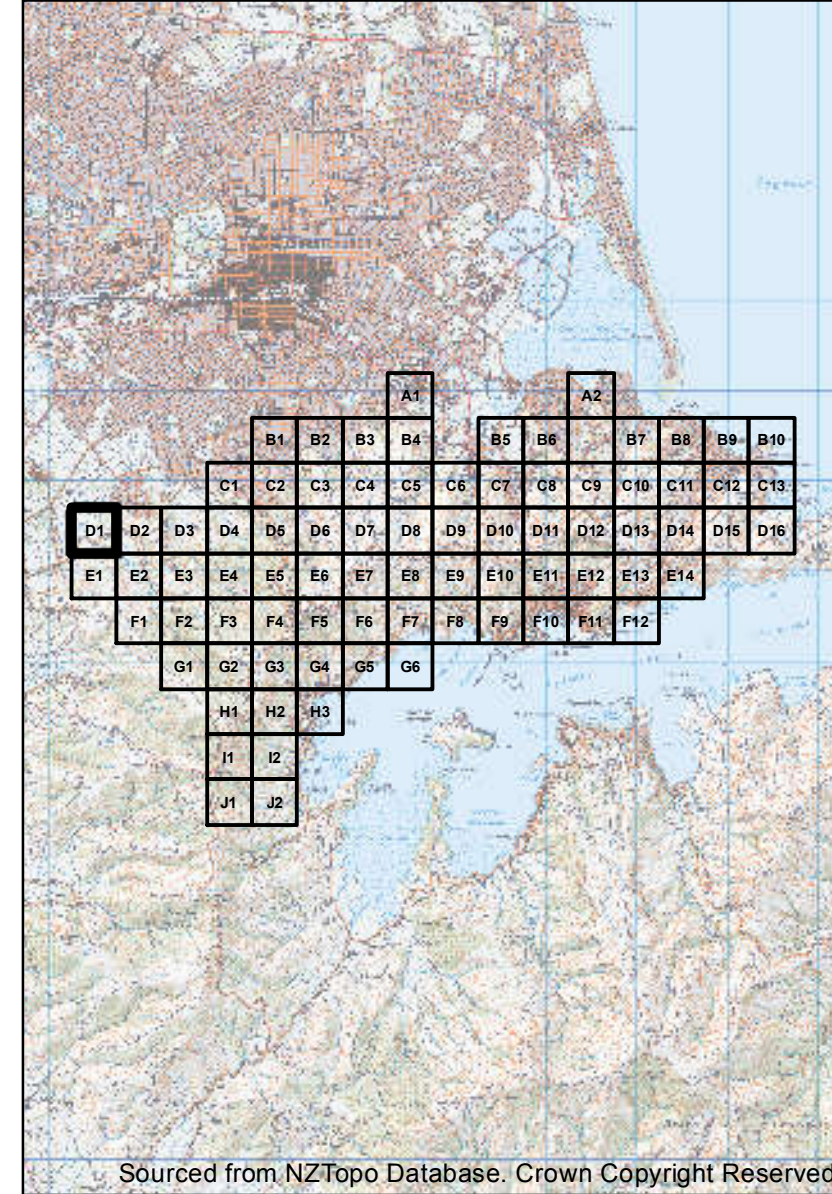
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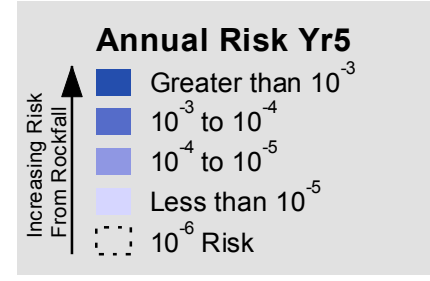


See Map:

See Map: E1



See Map: D2



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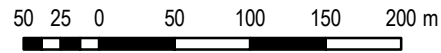
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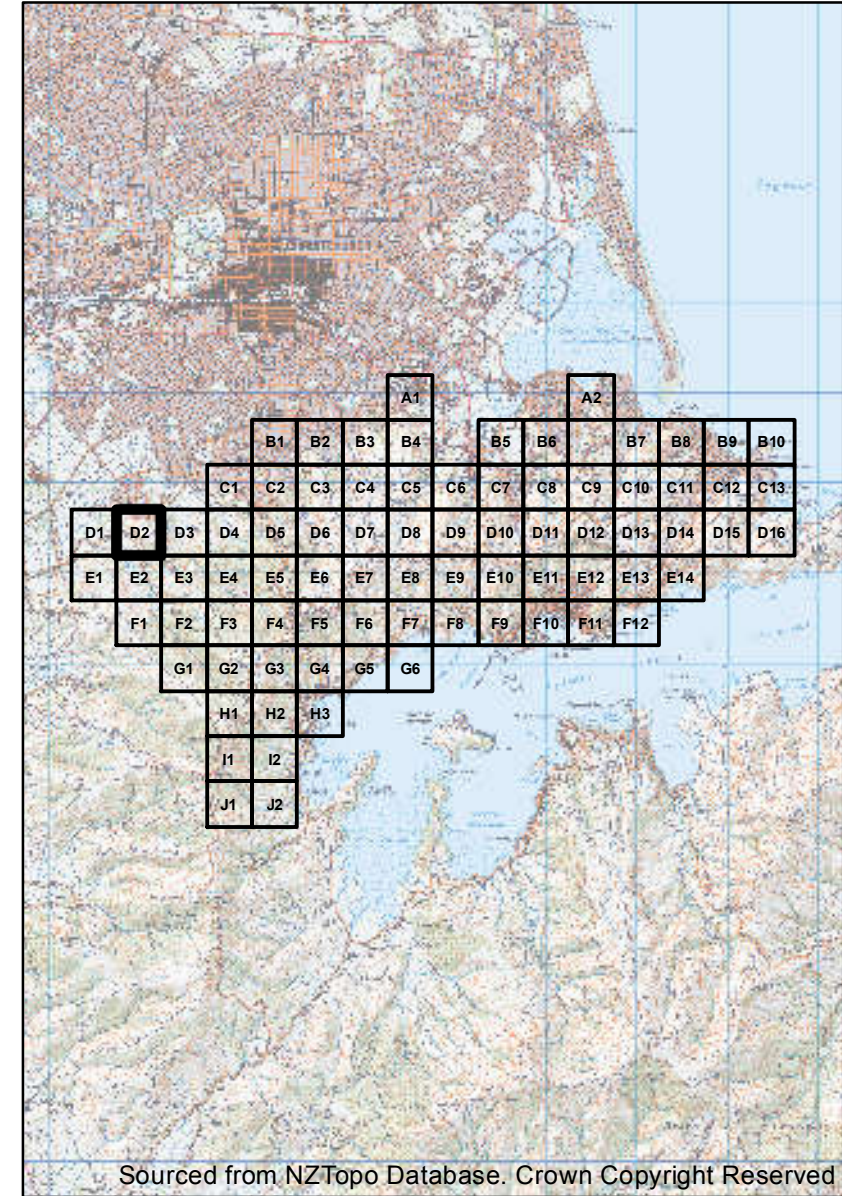
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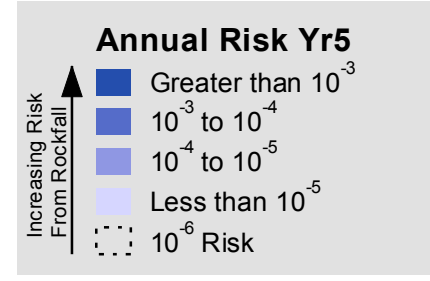
See Map: D1

See Map: E2



See Map: D3

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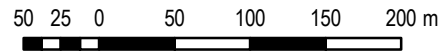


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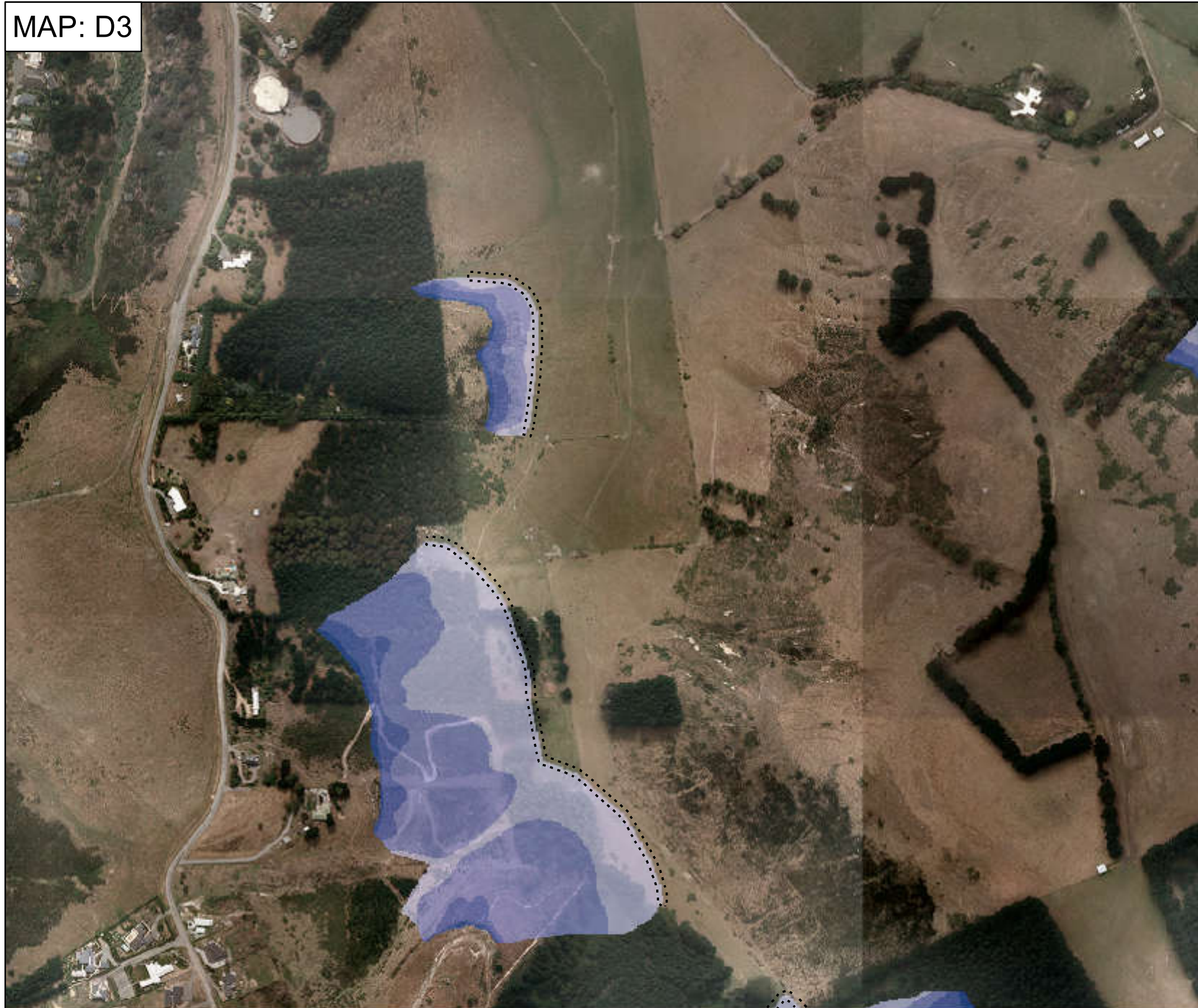


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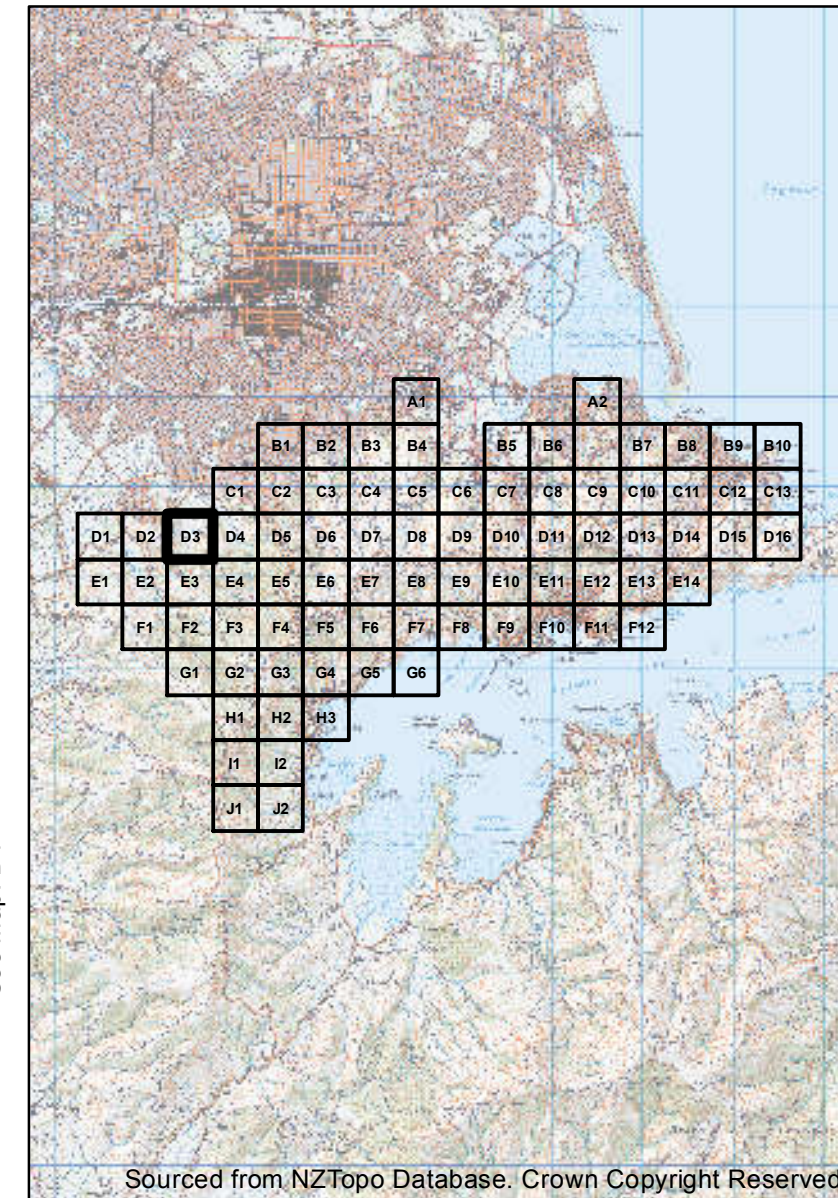
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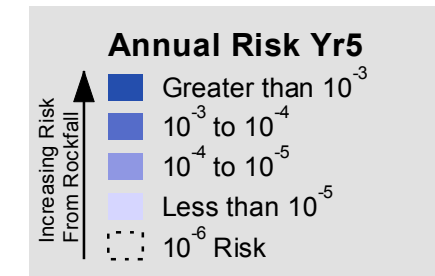
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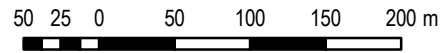


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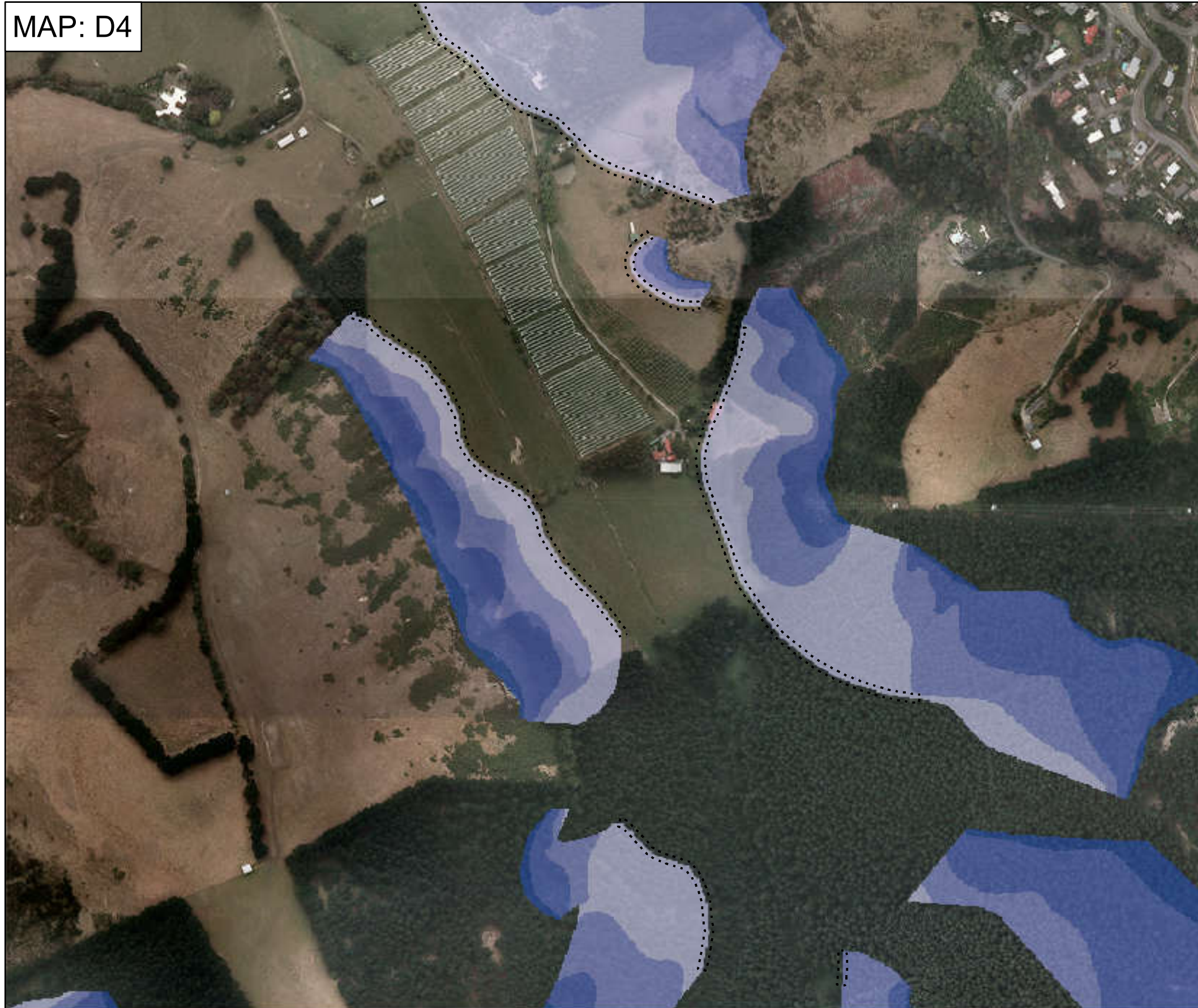


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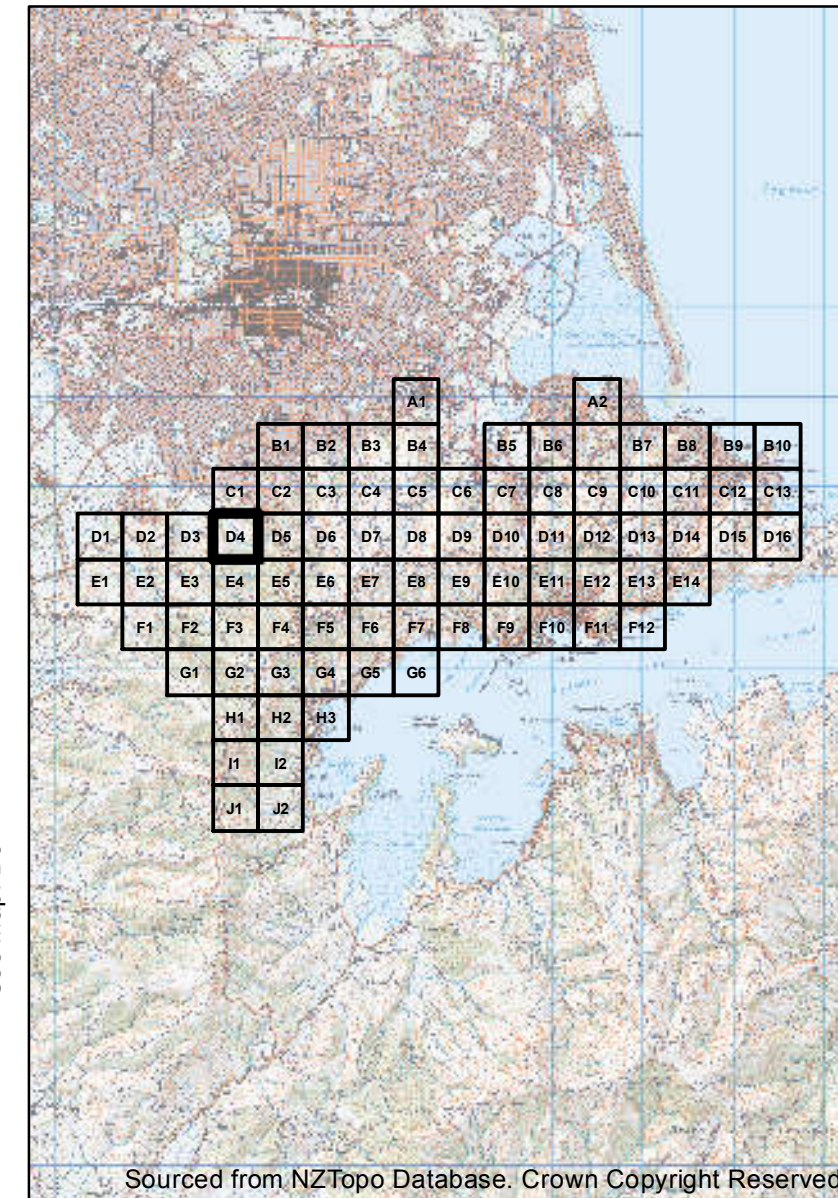
See Map: C1

MAP: D4



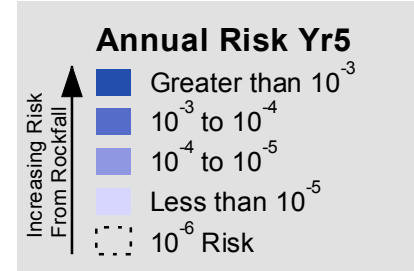
See Map: D3

See Map: E4



See Map: D5

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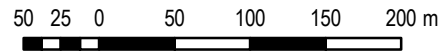


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Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

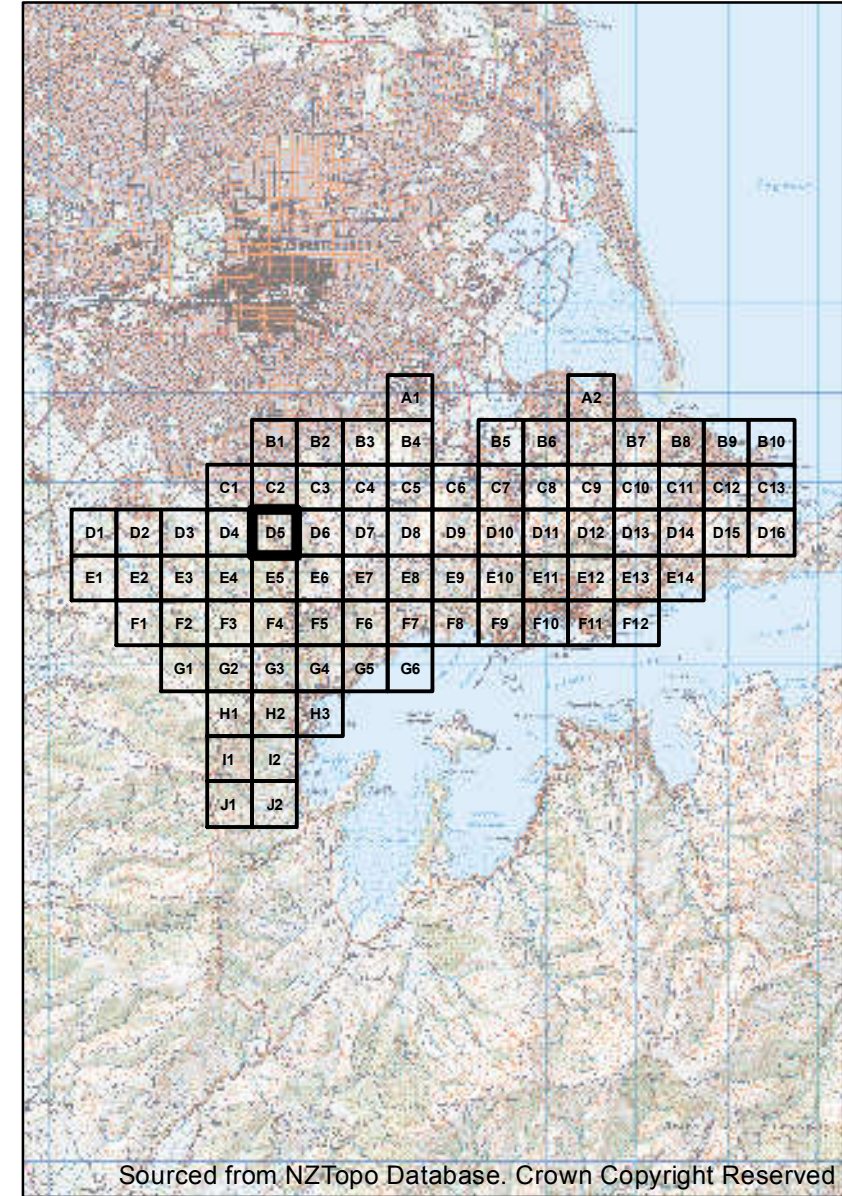
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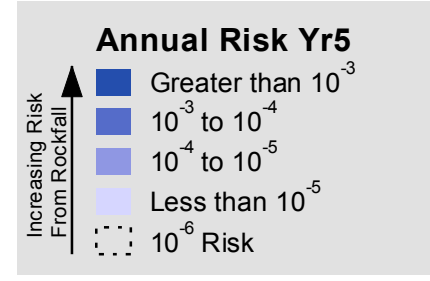
See Map: D4

See Map: E5



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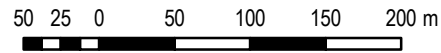


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Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

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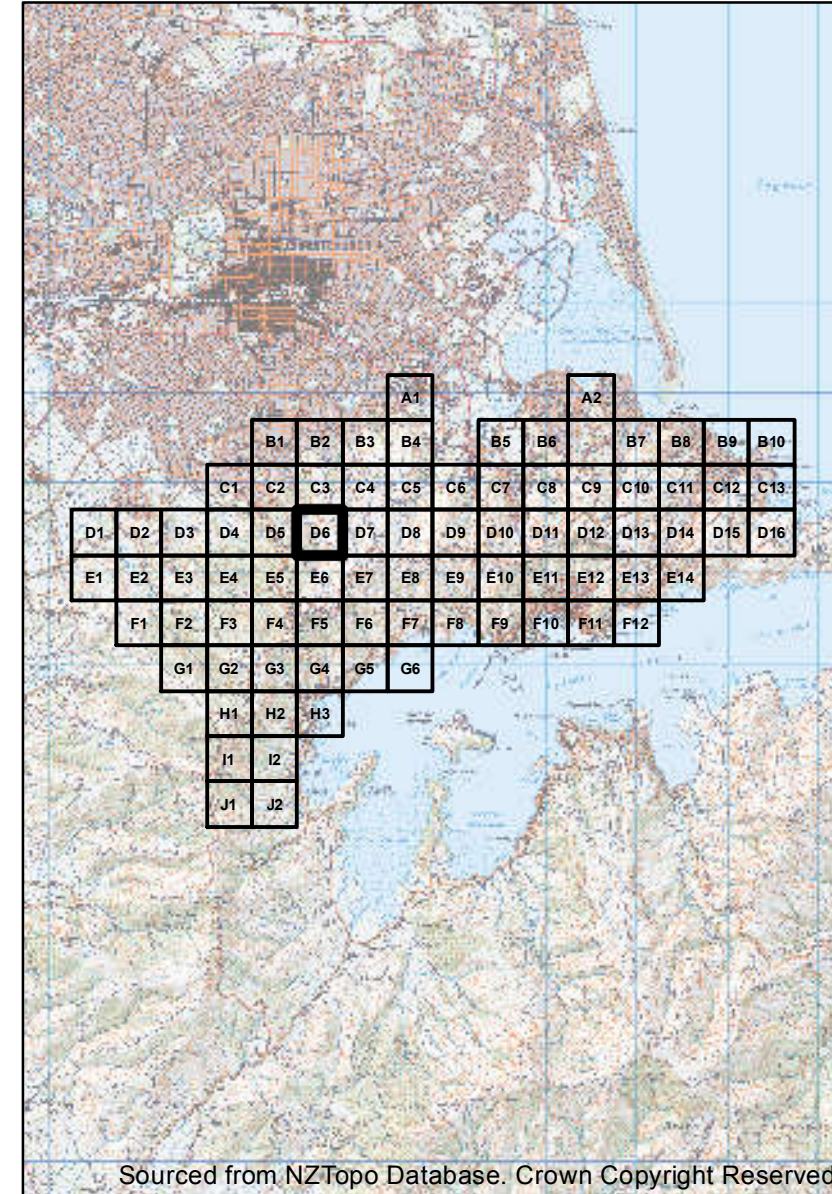
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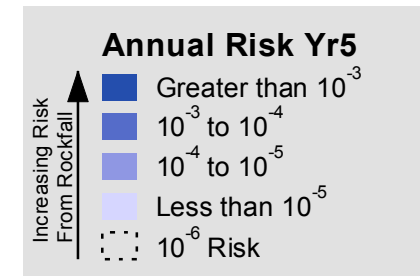
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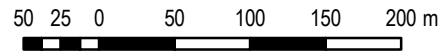


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Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

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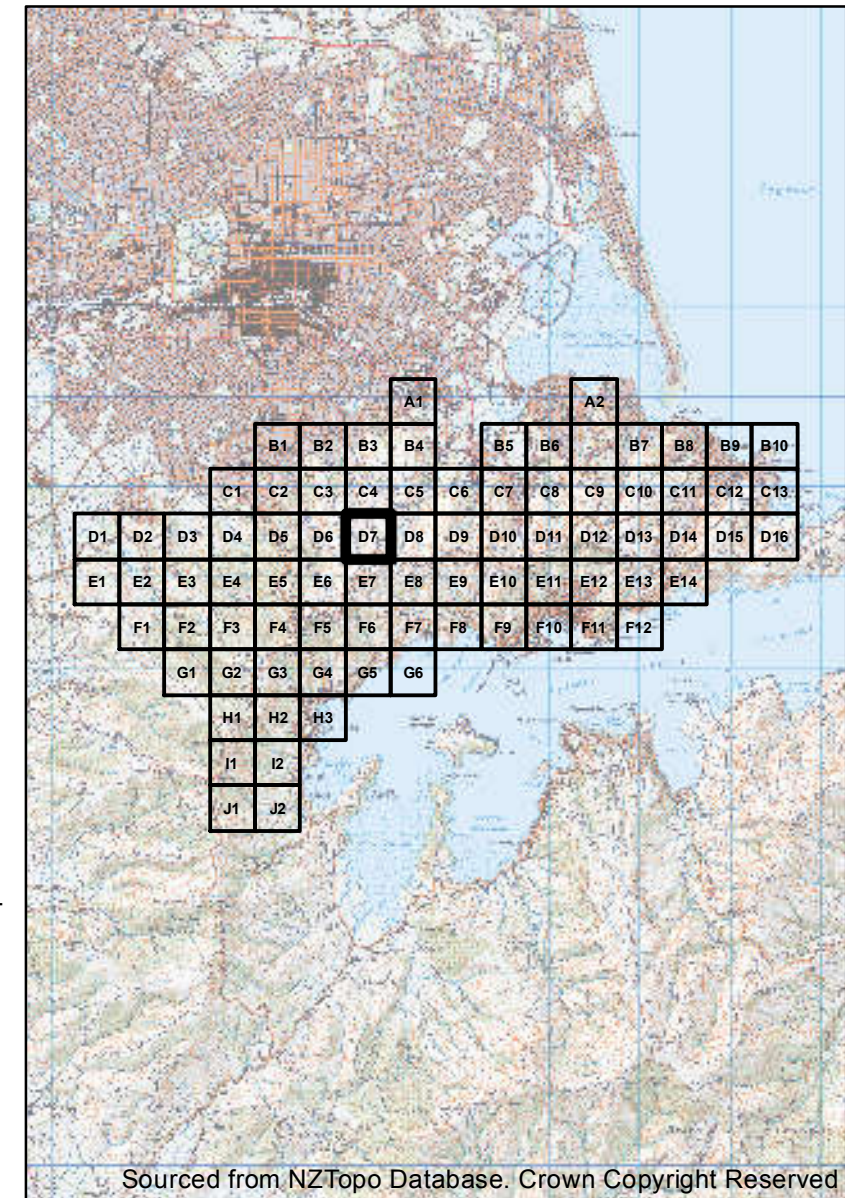
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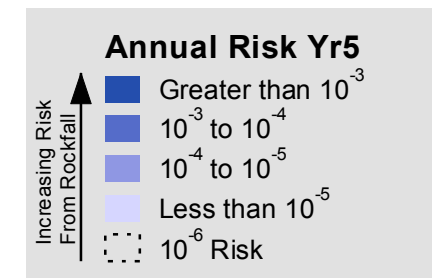
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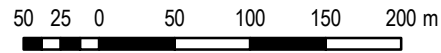


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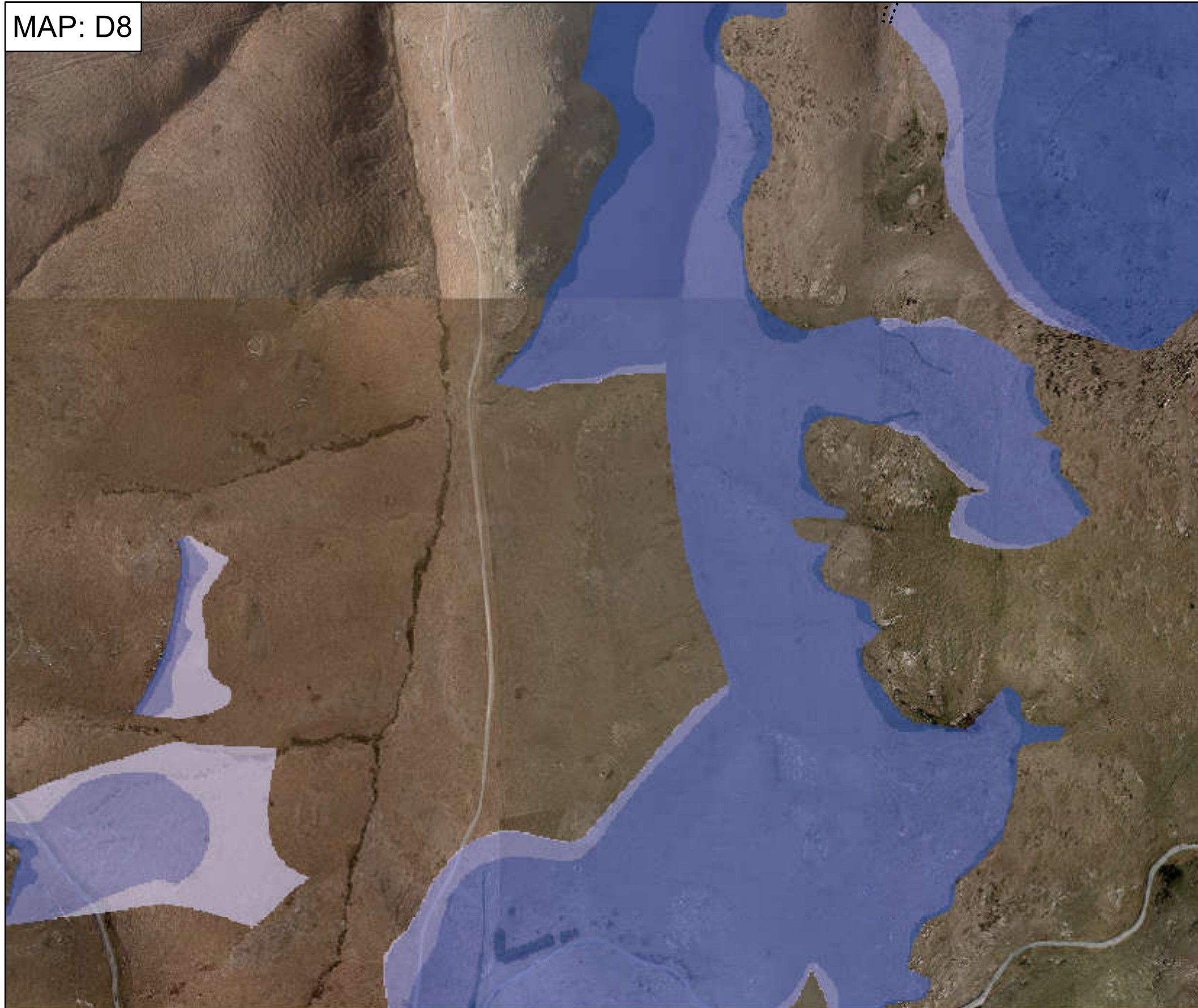


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
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Map Produced: 17/07/2013

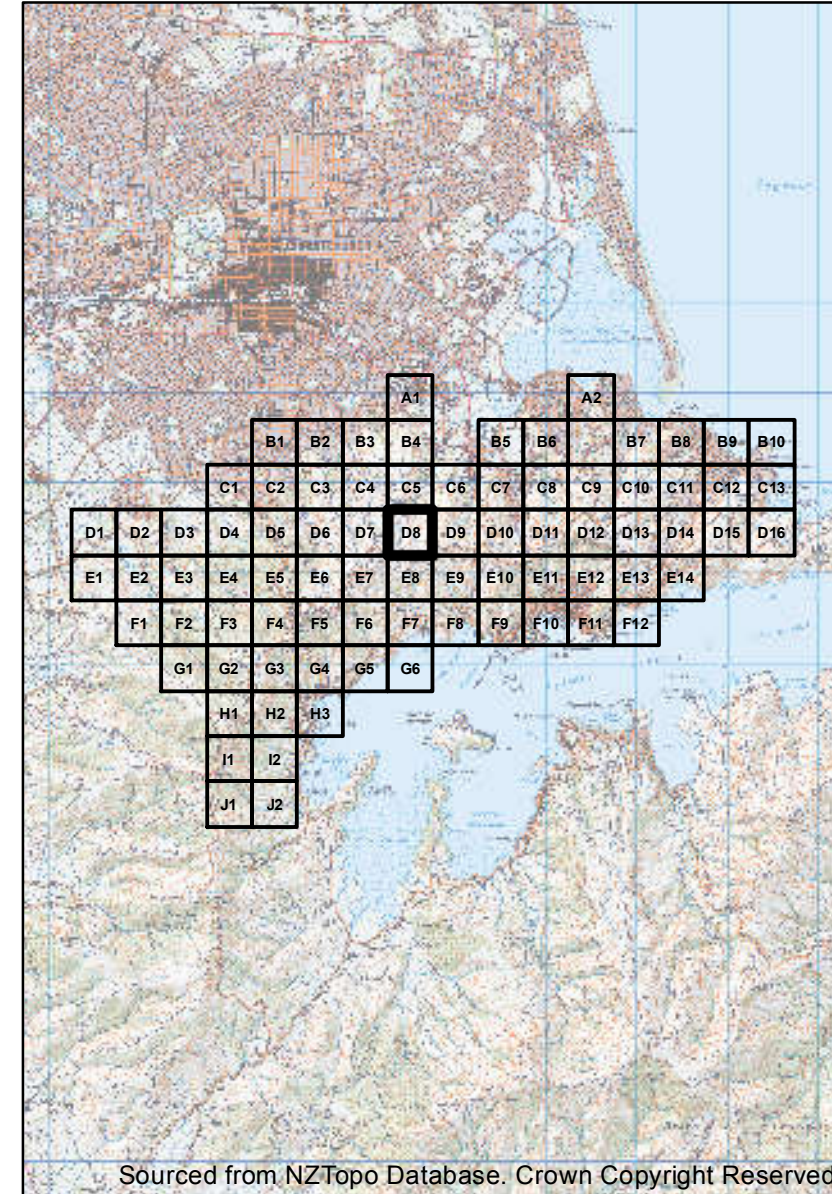
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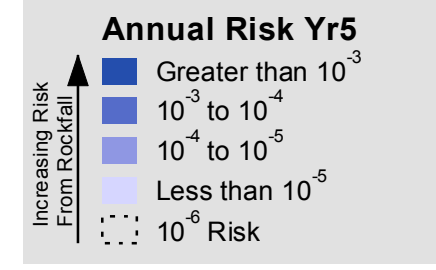
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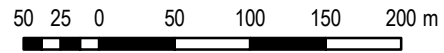


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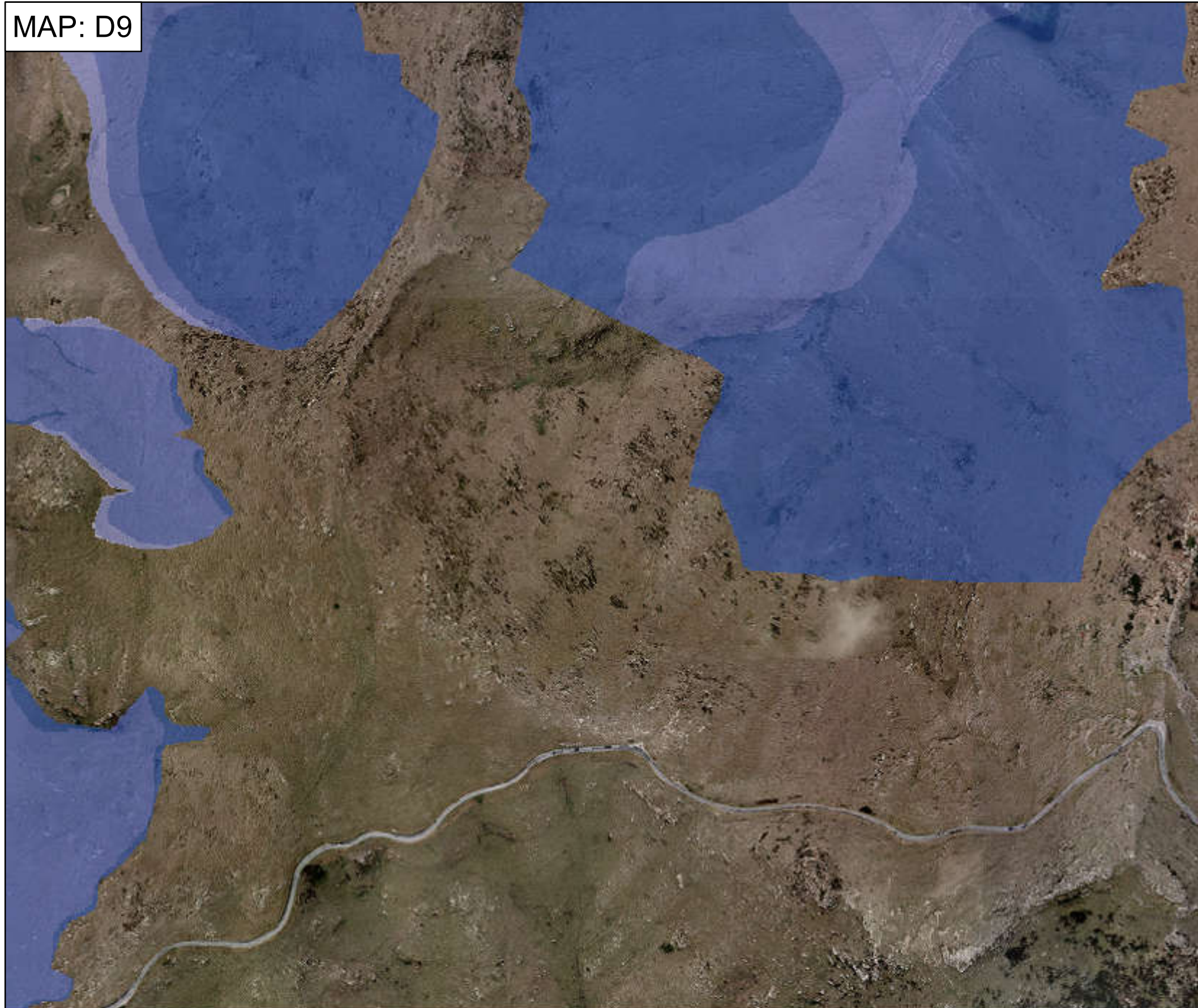


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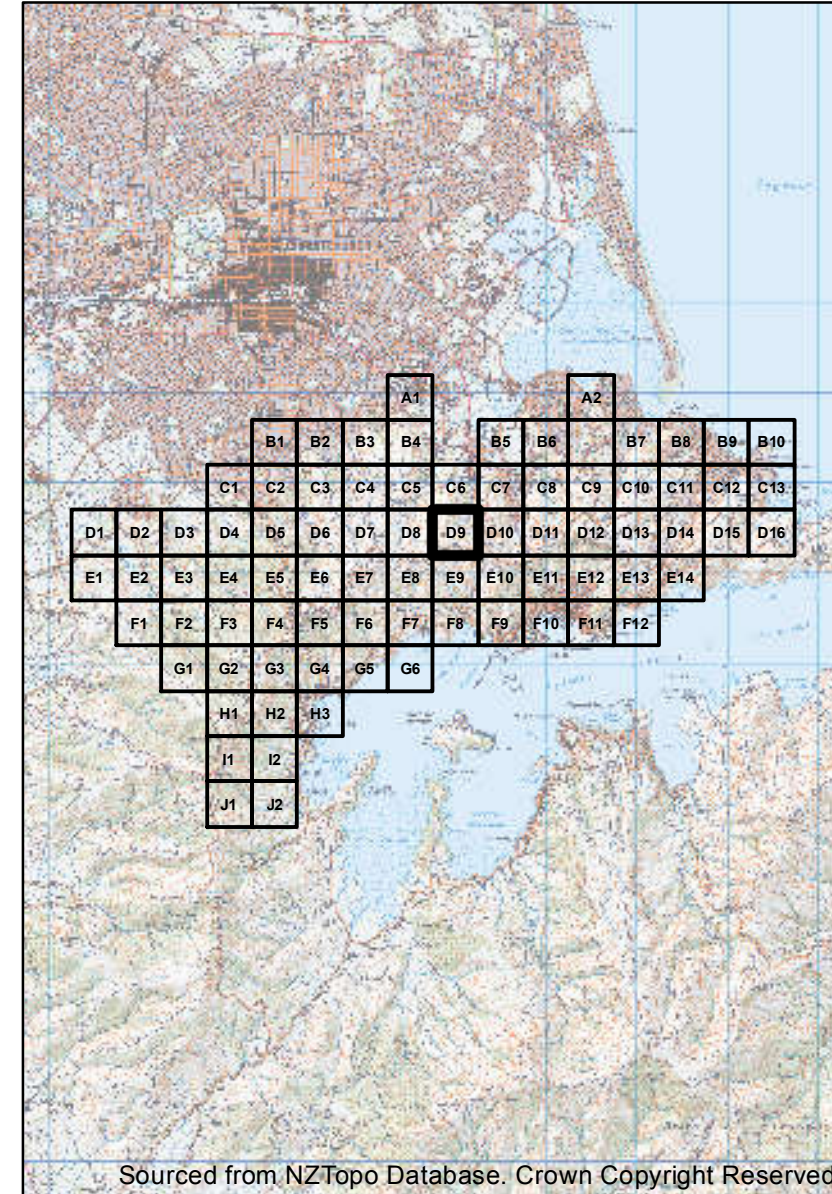
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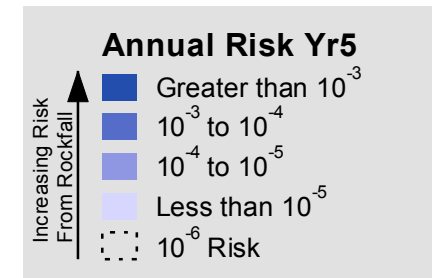
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See Map: D10

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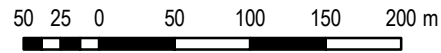


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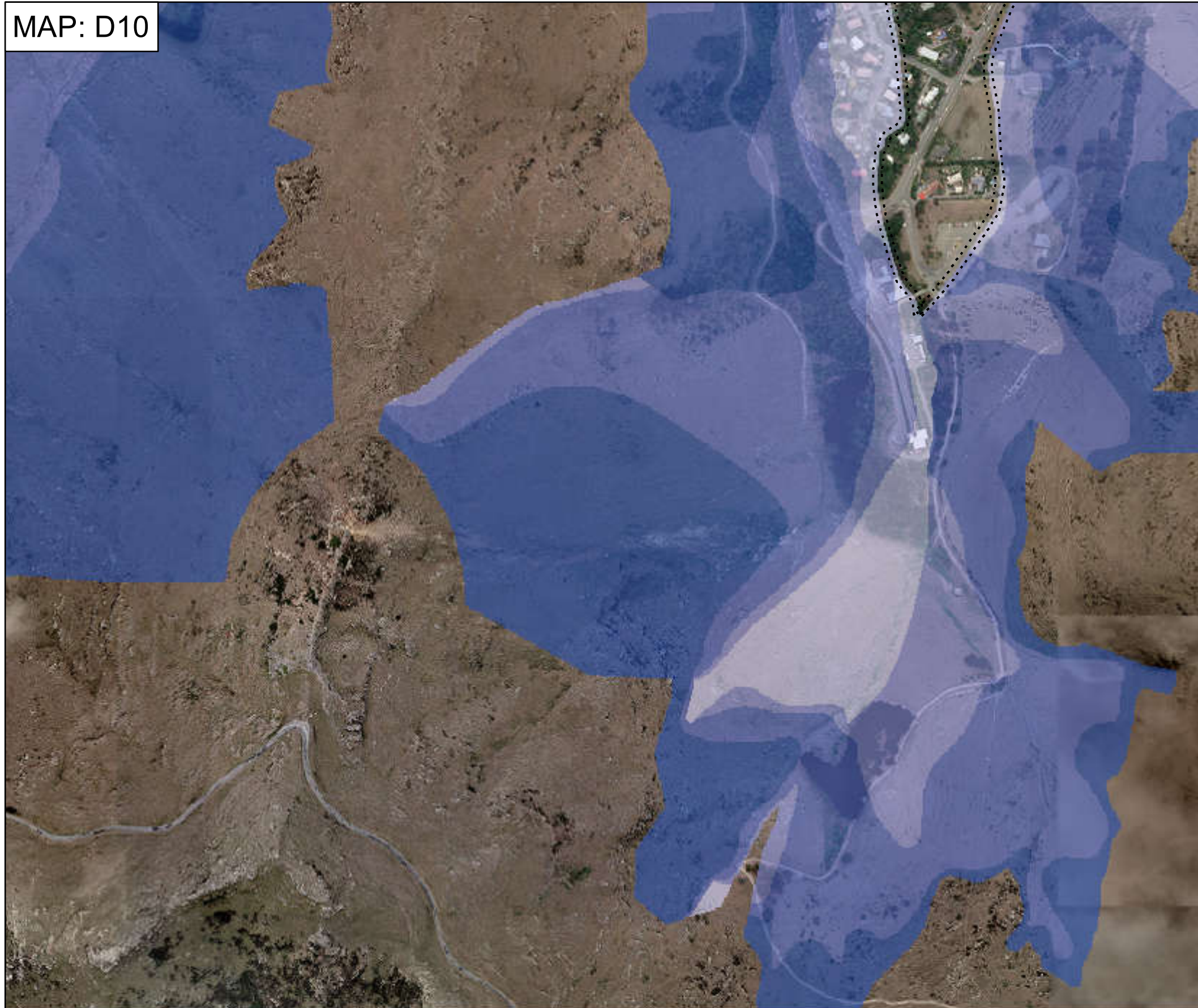


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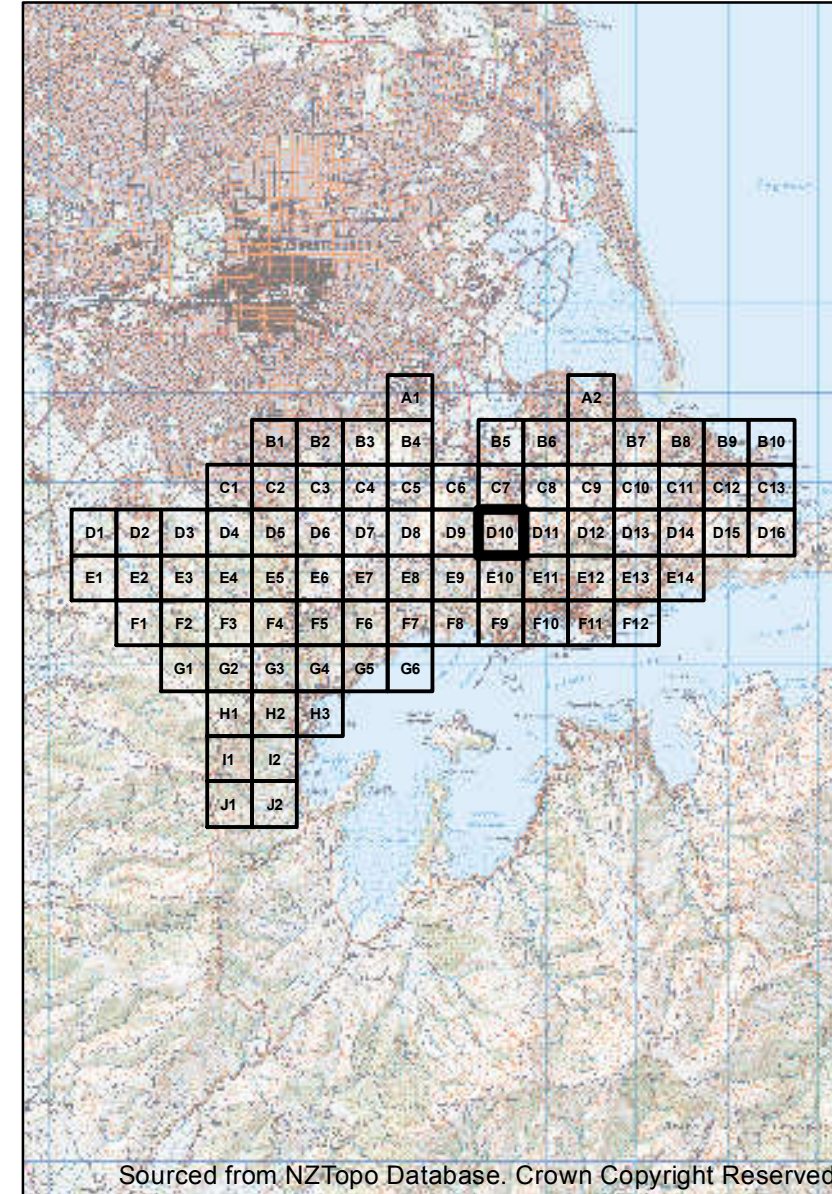
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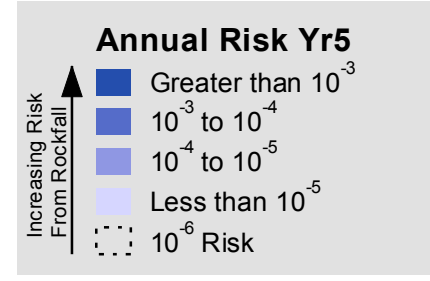
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See Map: E10



See Map: D11

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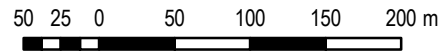


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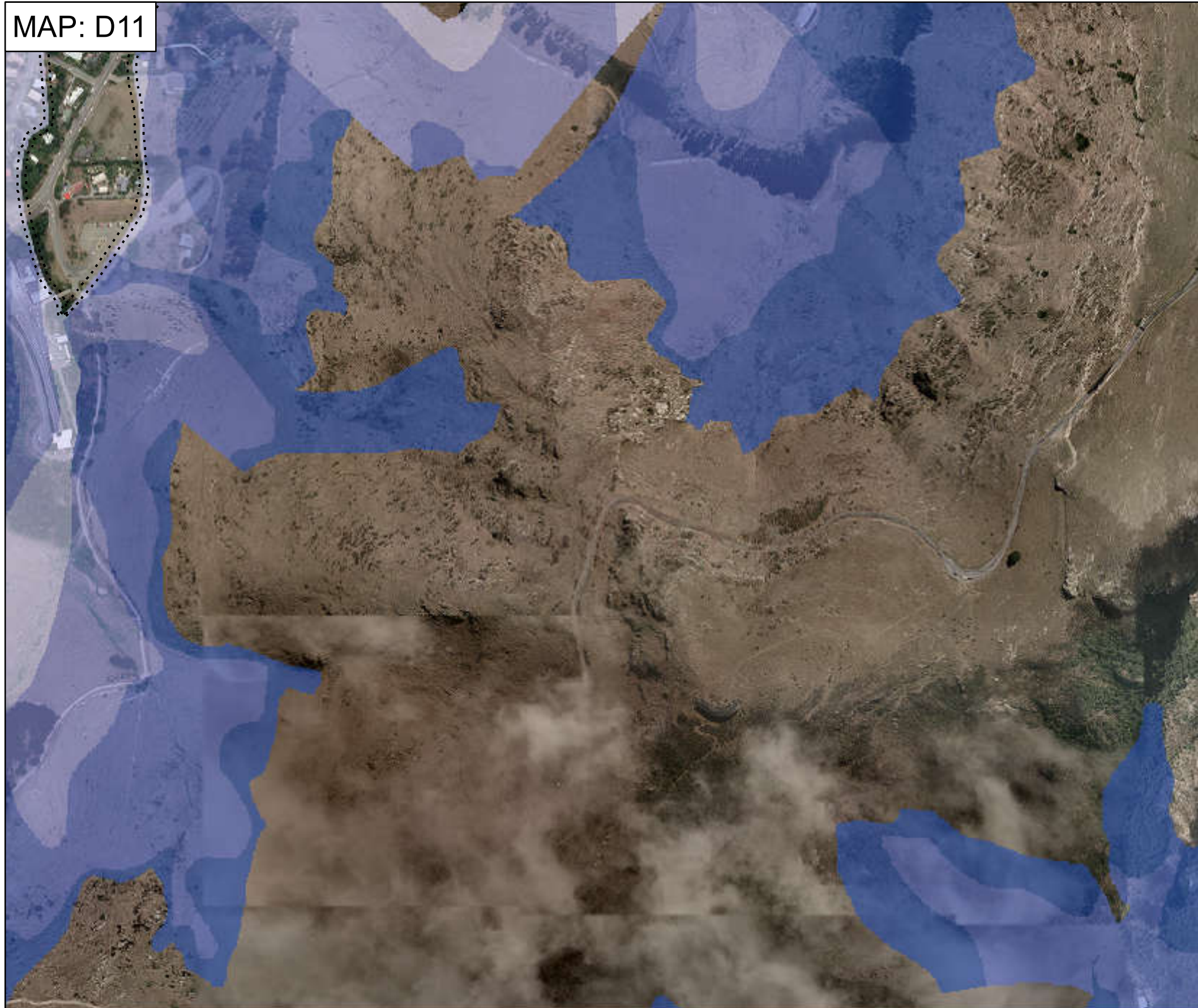


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Projection: New Zealand Transverse Mercator
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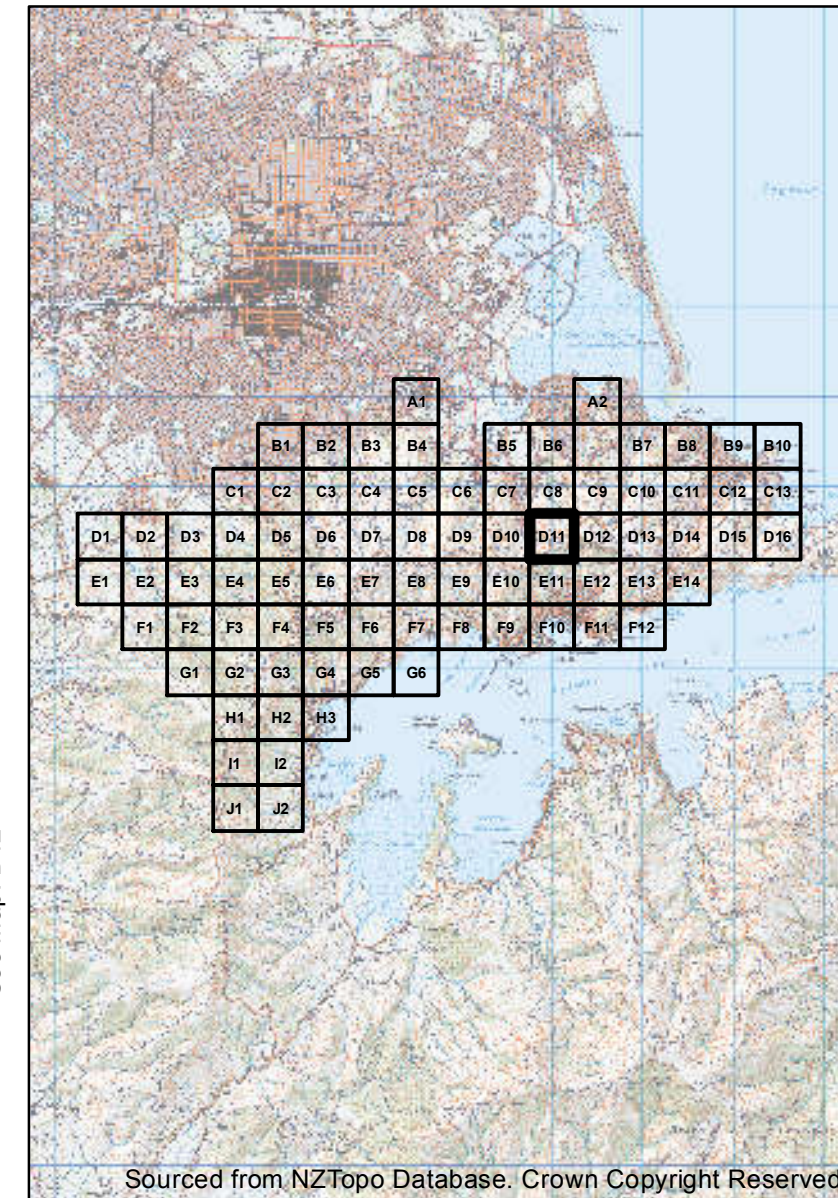
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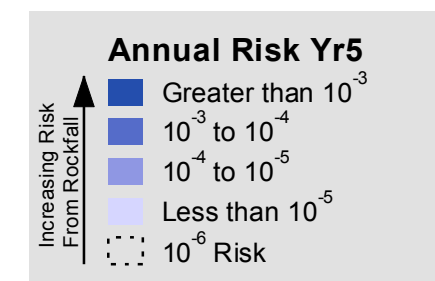


See Map: D10

See Map: E11



See Map: D12



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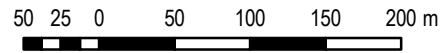


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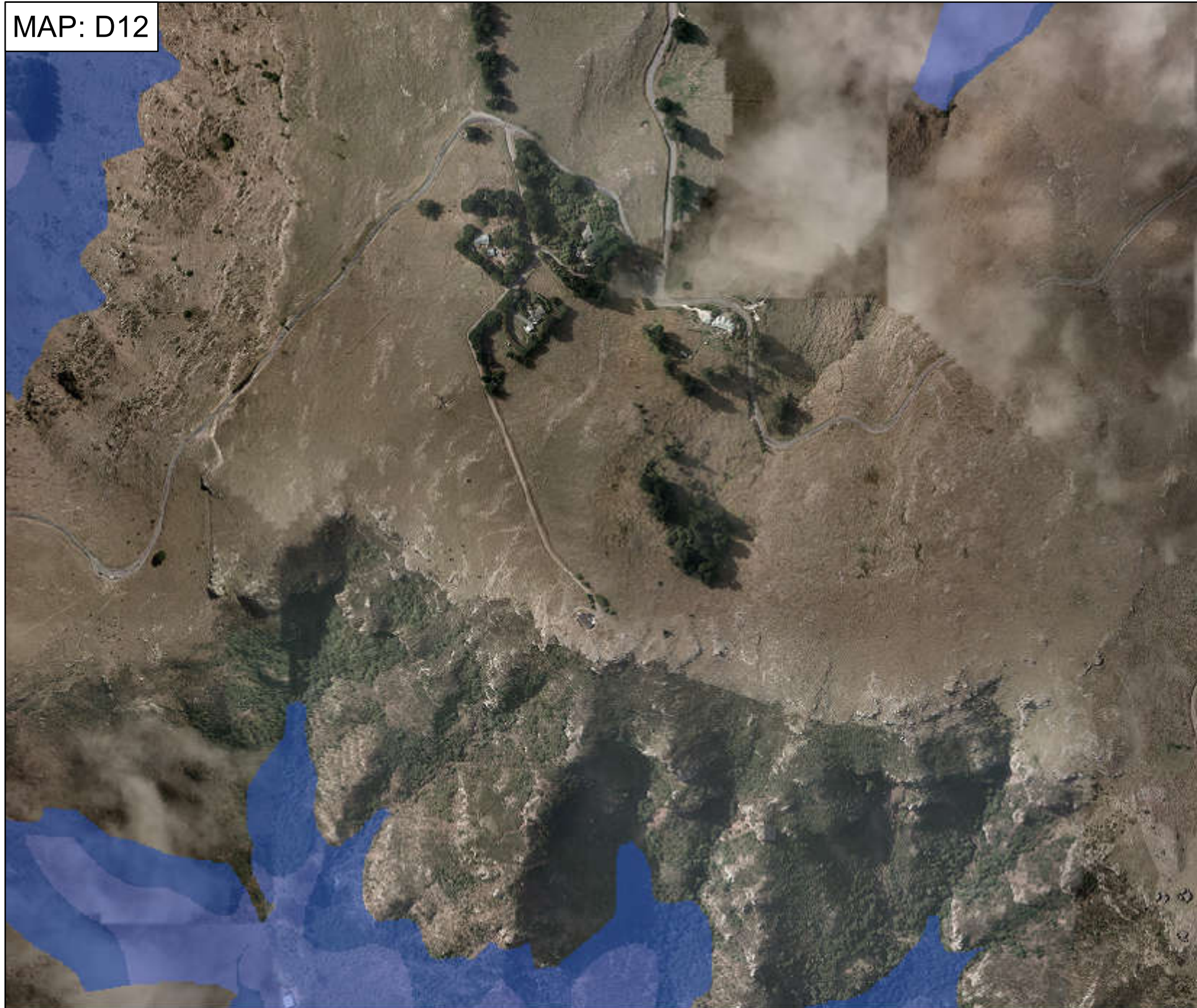


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

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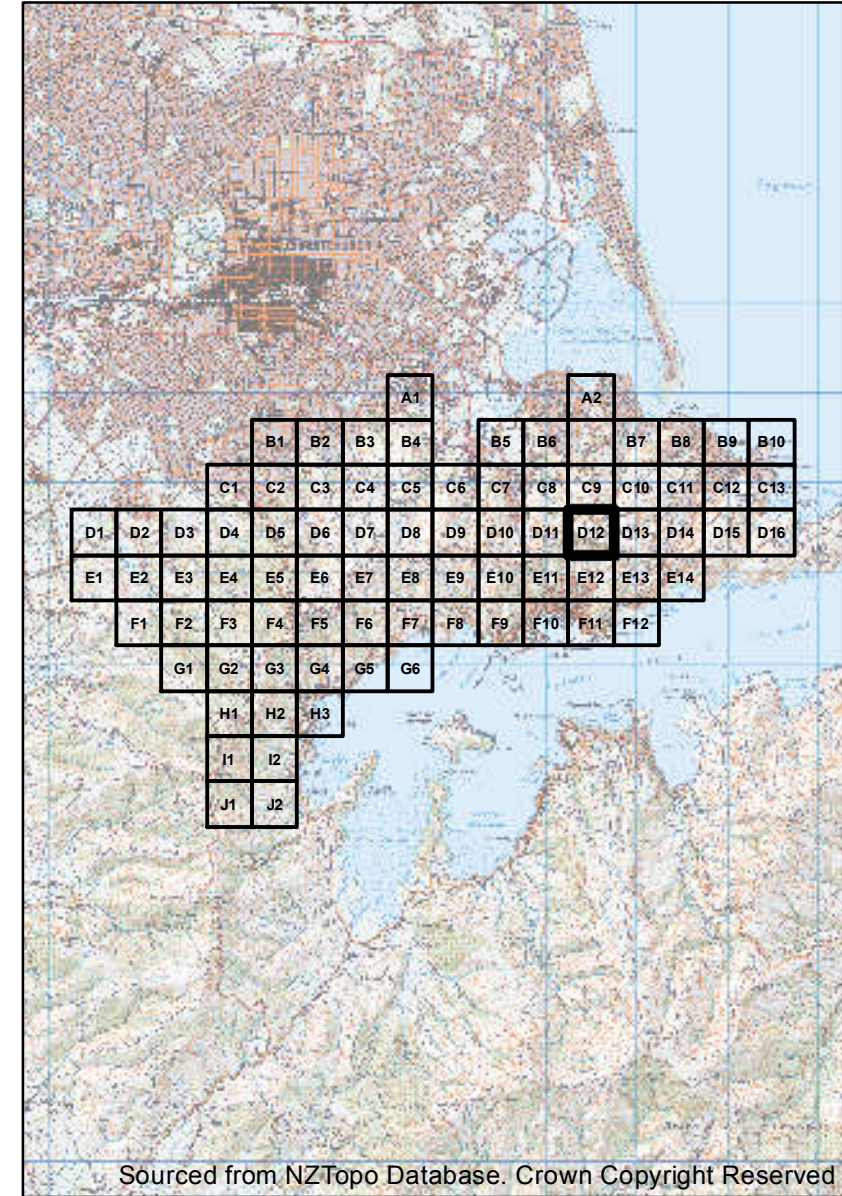
See Map: C9

MAP: D12



See Map: D11

See Map: E12



See Map: D13

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Annual Risk Yr5

Increasing Risk From Rockfall ↑

- Greater than 10^{-3}
- 10^{-3} to 10^{-4}
- 10^{-4} to 10^{-5}
- Less than 10^{-5}
- 10^{-6} Risk

Notes:

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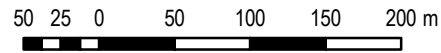


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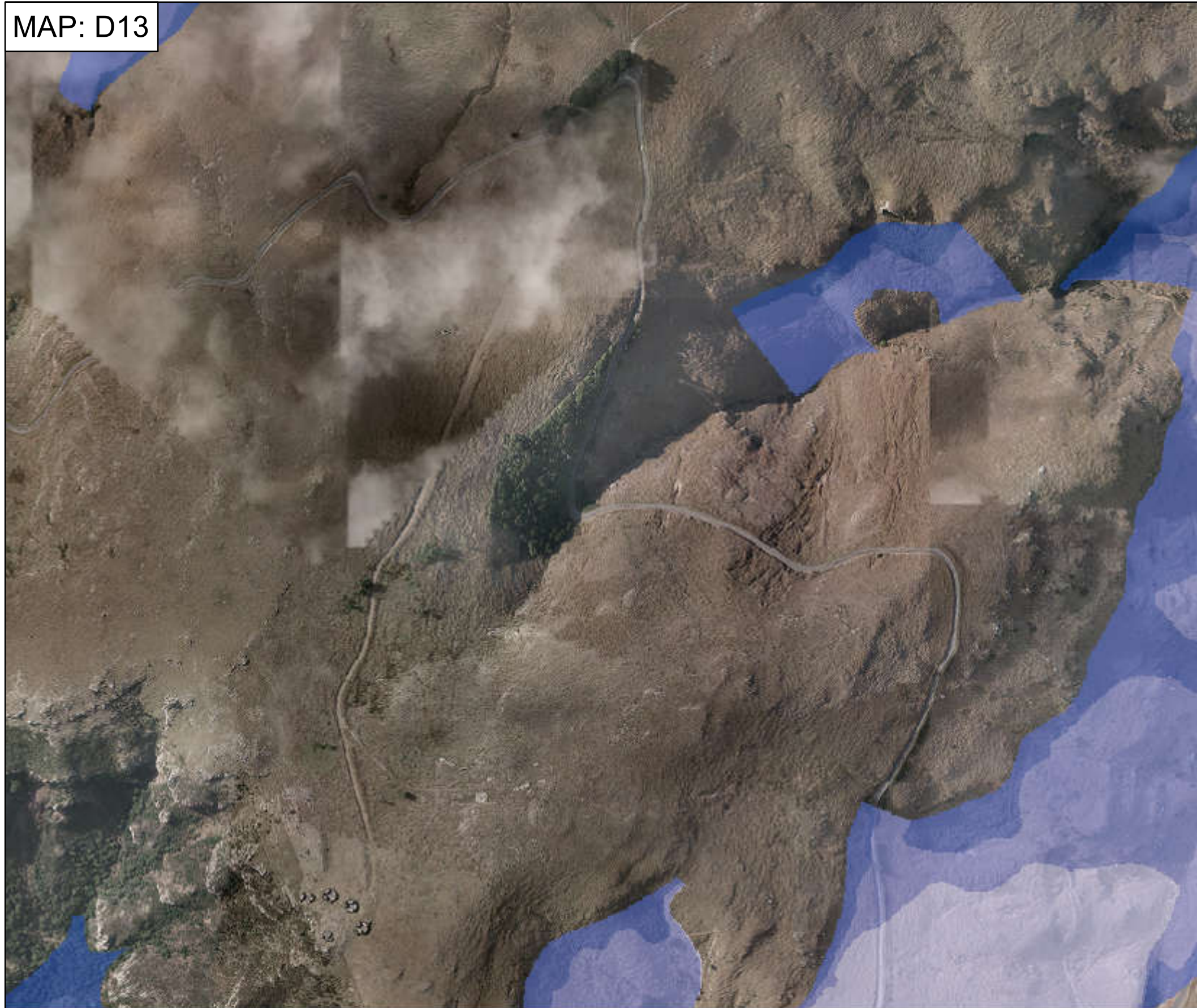


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

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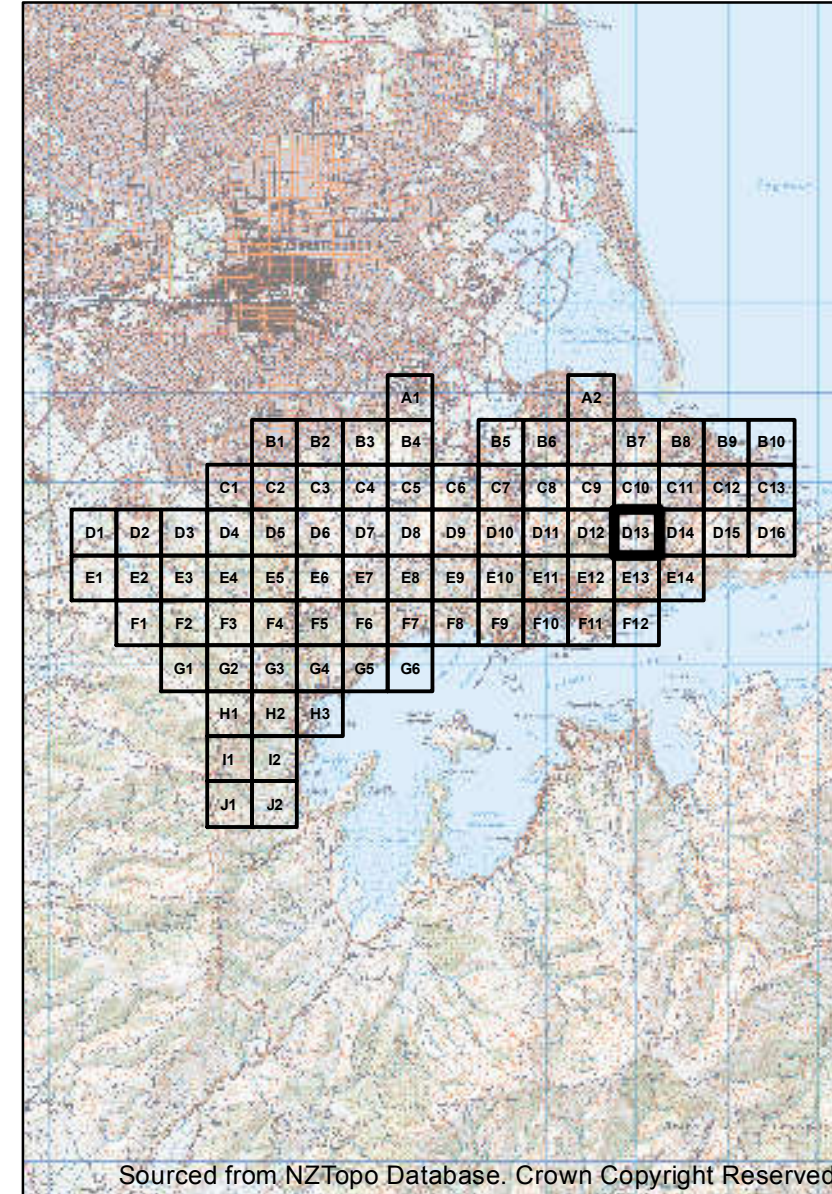
See Map: C10

MAP: D13



See Map: D12

See Map: E13



See Map: D14

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Annual Risk Yr5

Increasing Risk From Rockfall ↑

- Greater than 10^{-3}
- 10^{-3} to 10^{-4}
- 10^{-4} to 10^{-5}
- Less than 10^{-5}
- 10^{-6} Risk

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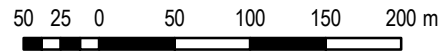


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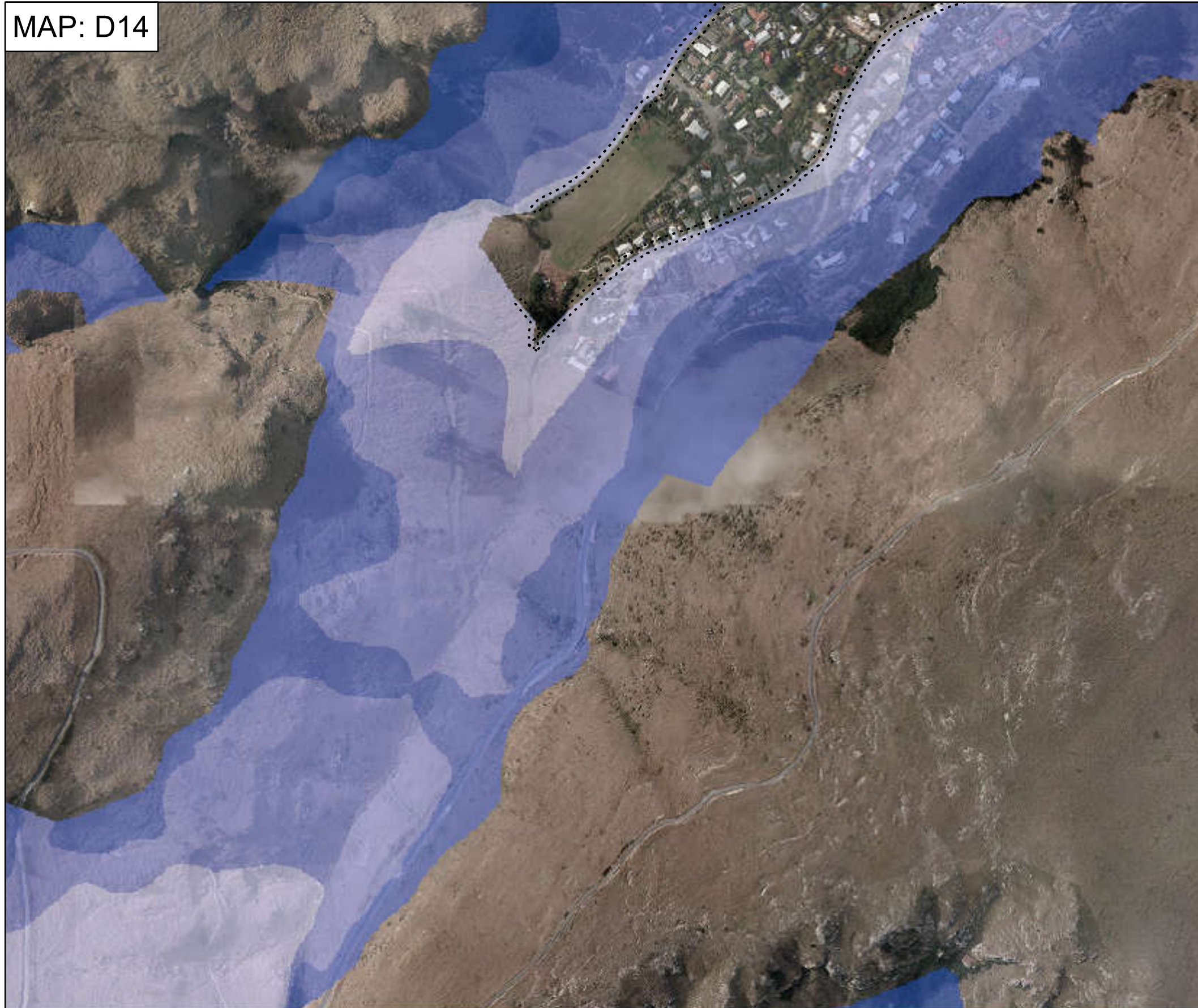


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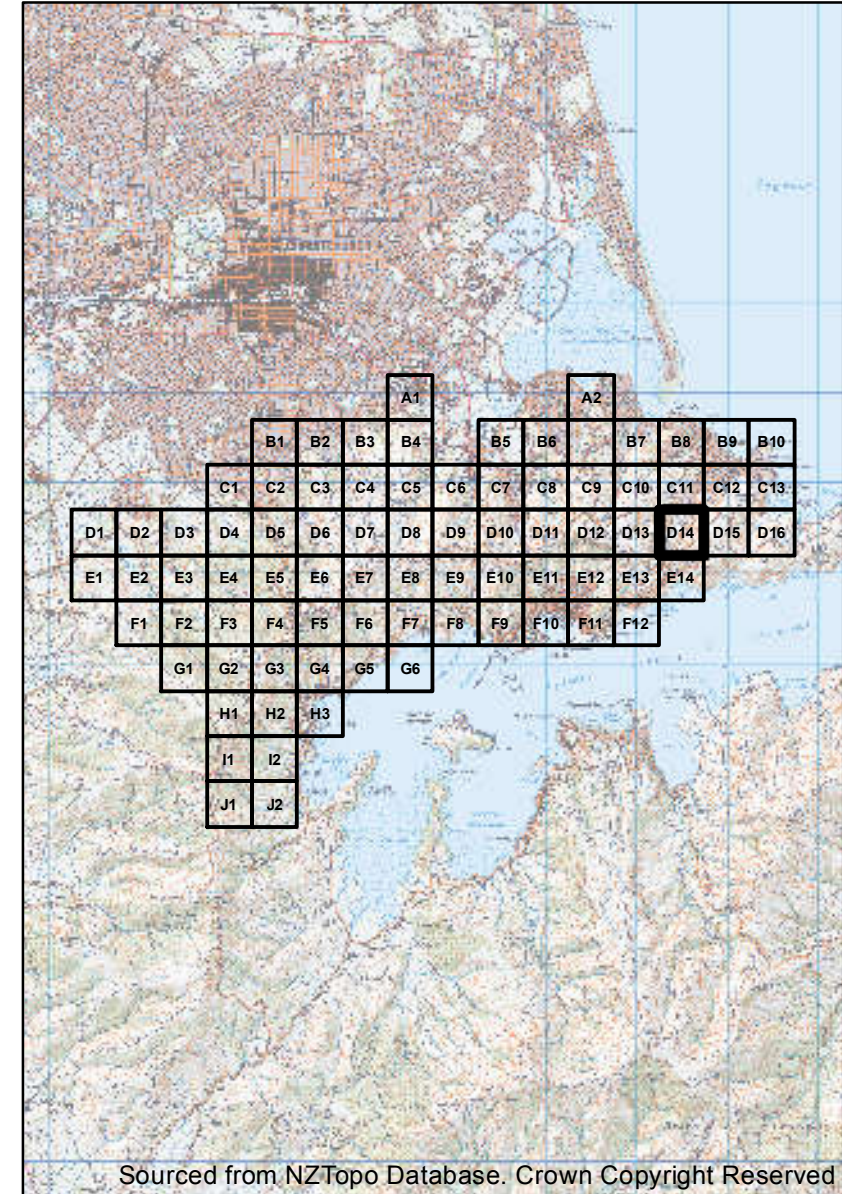
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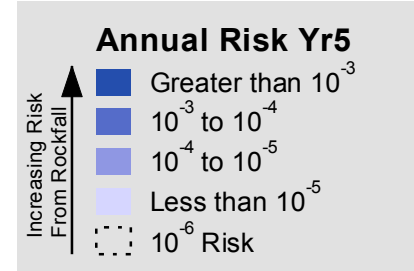
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See Map: D15

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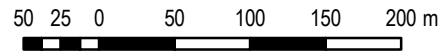


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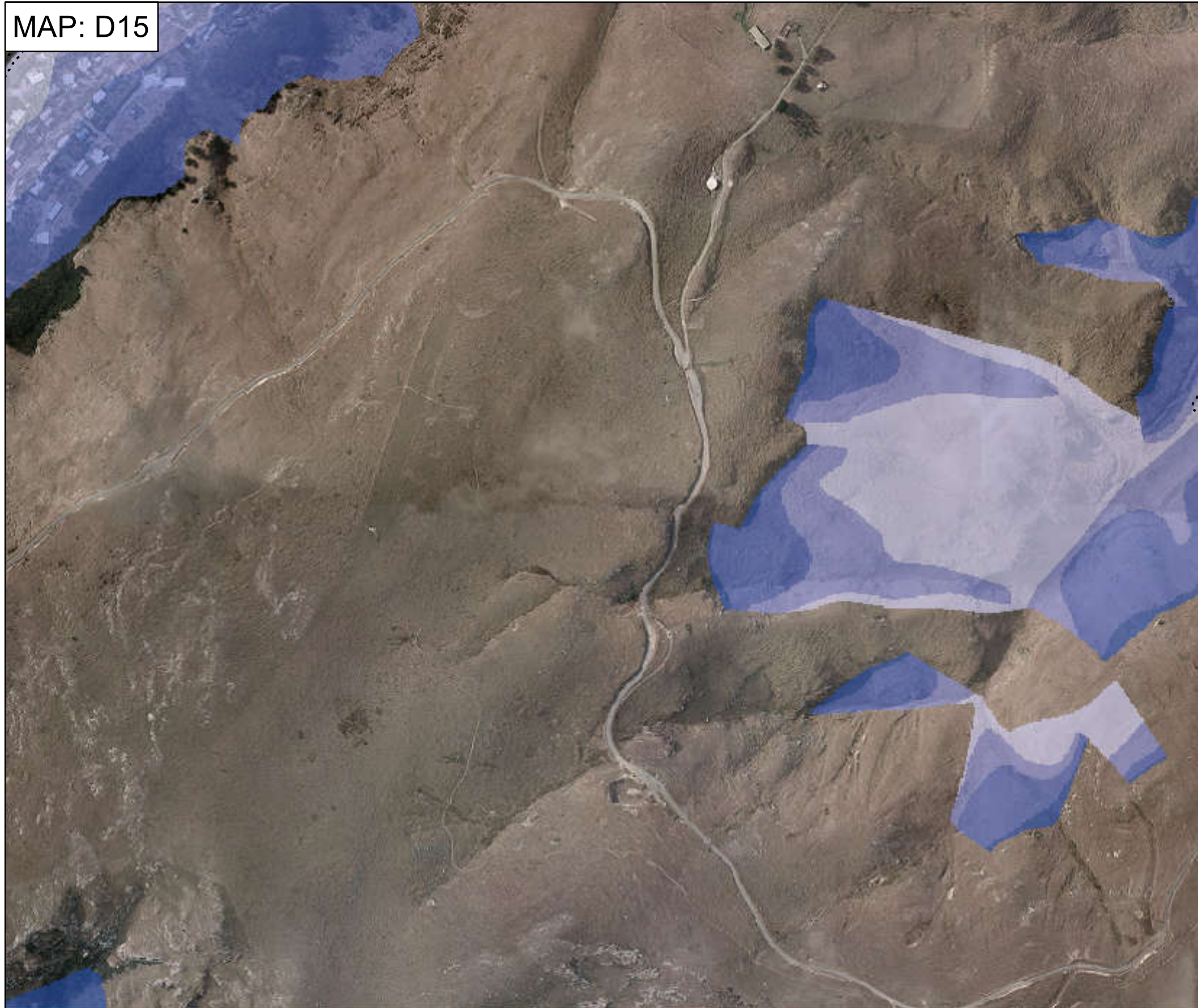


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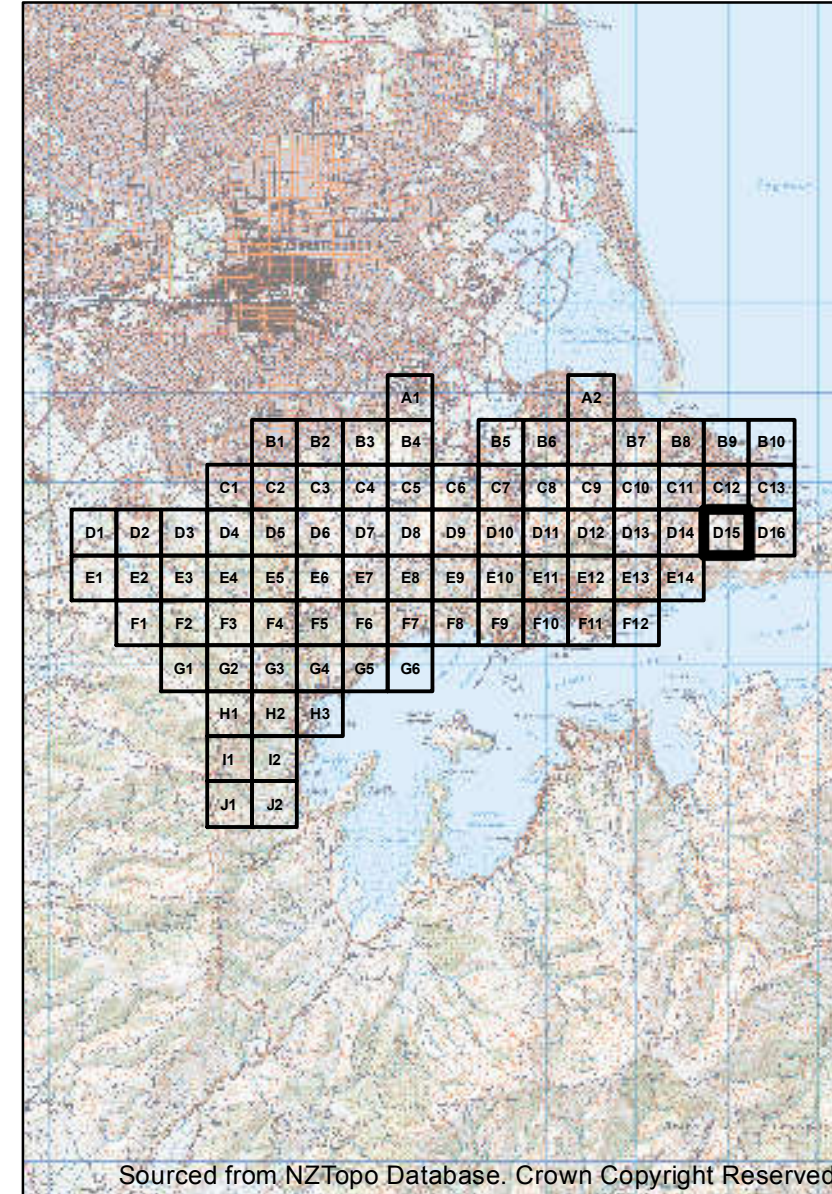
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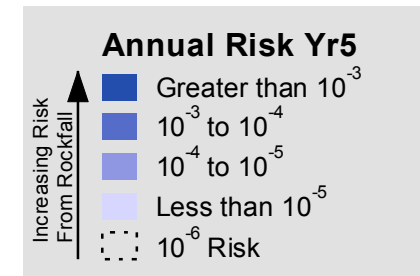
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See Map:



See Map: D16

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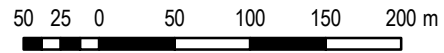


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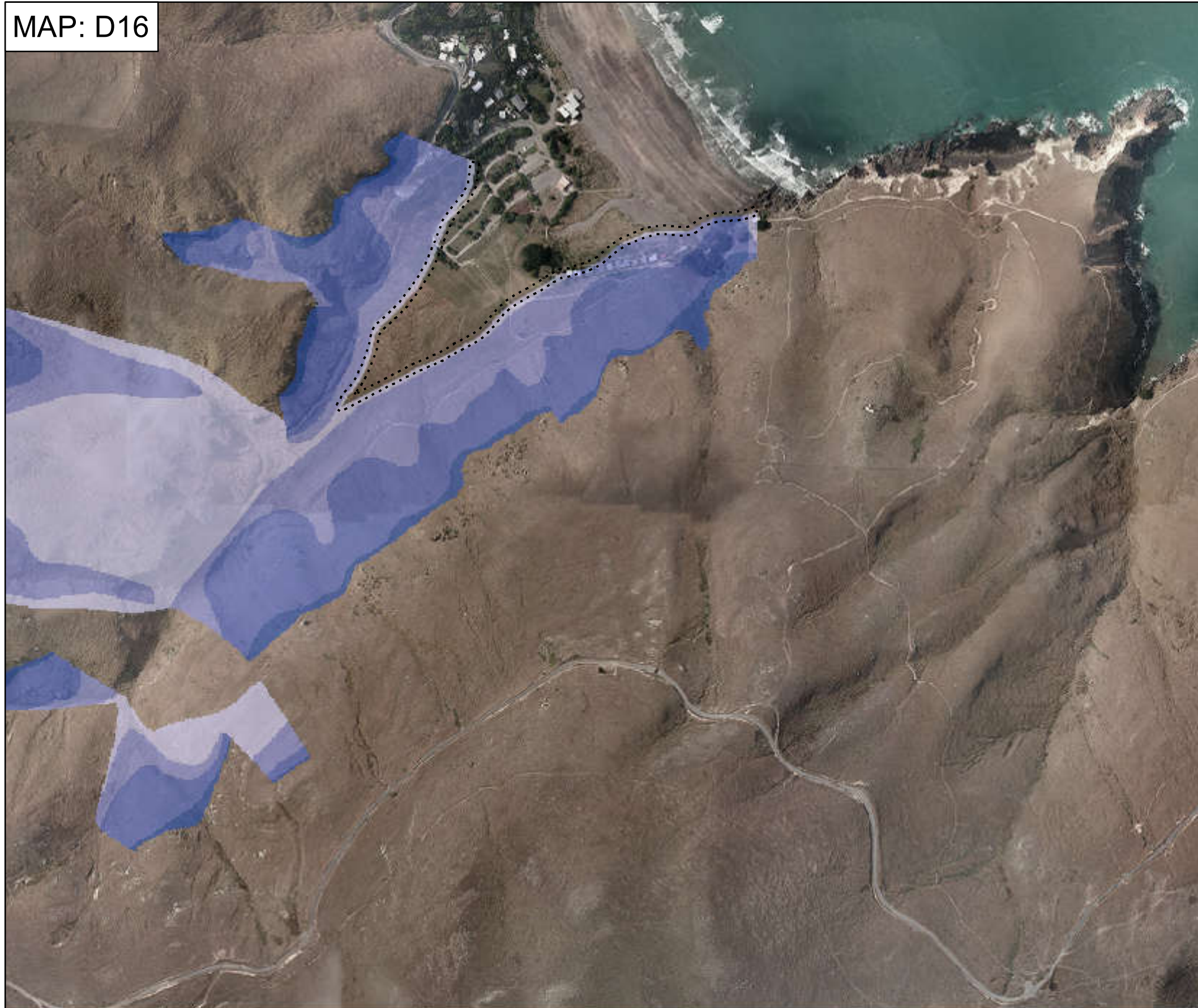


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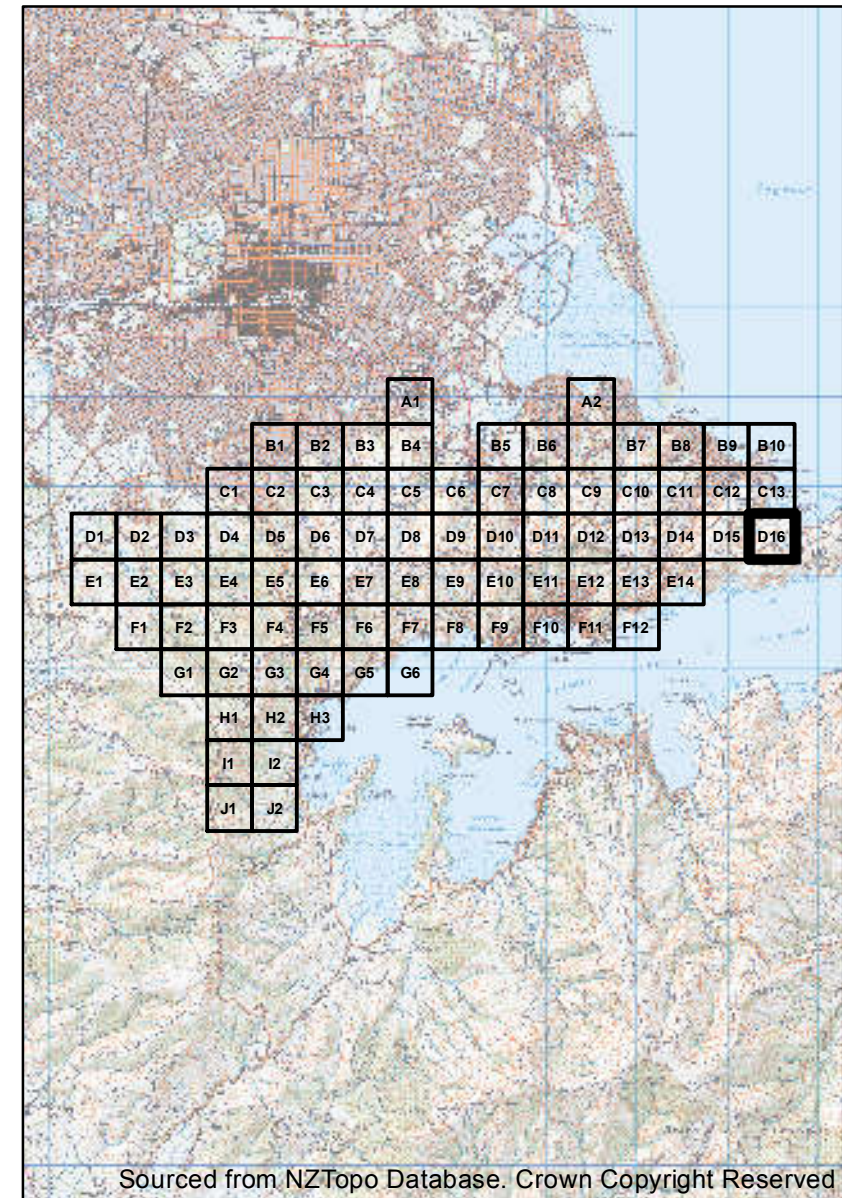
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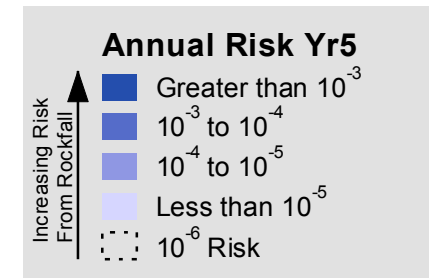
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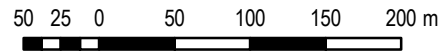


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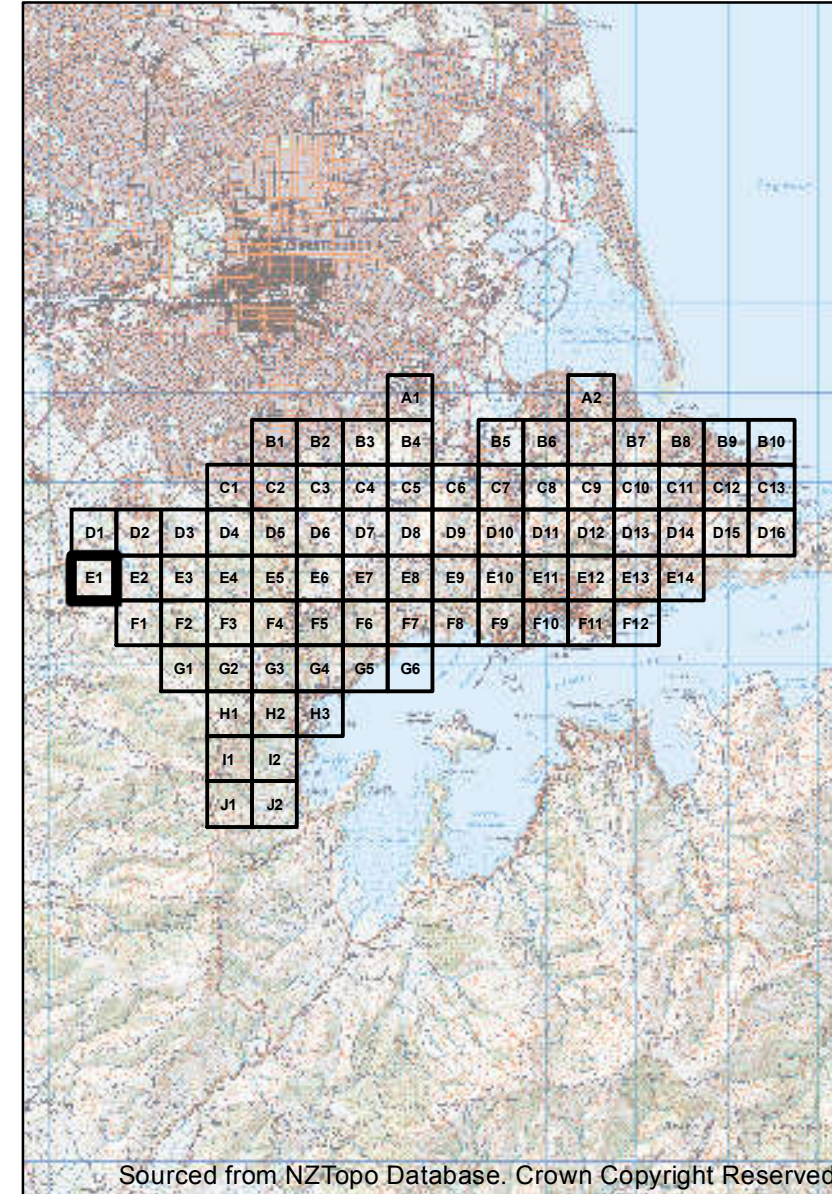
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See Map: D1

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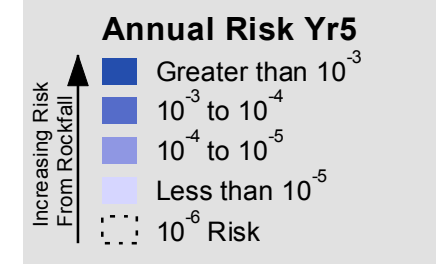


See Map:



See Map: E2

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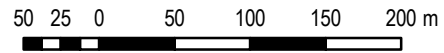
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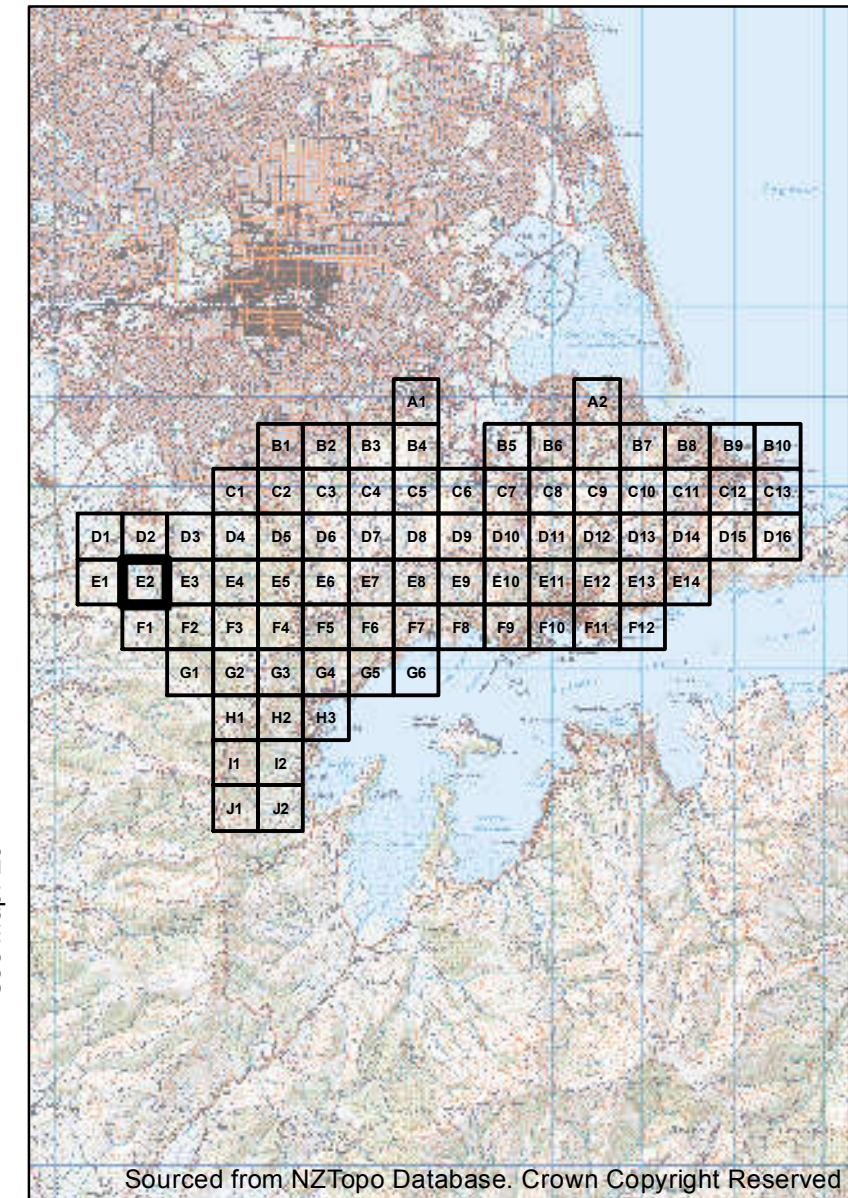
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MAP: E2

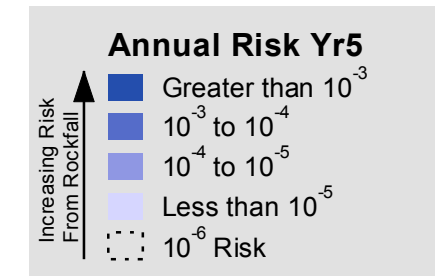
See Map: E1

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See Map: E3

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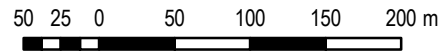


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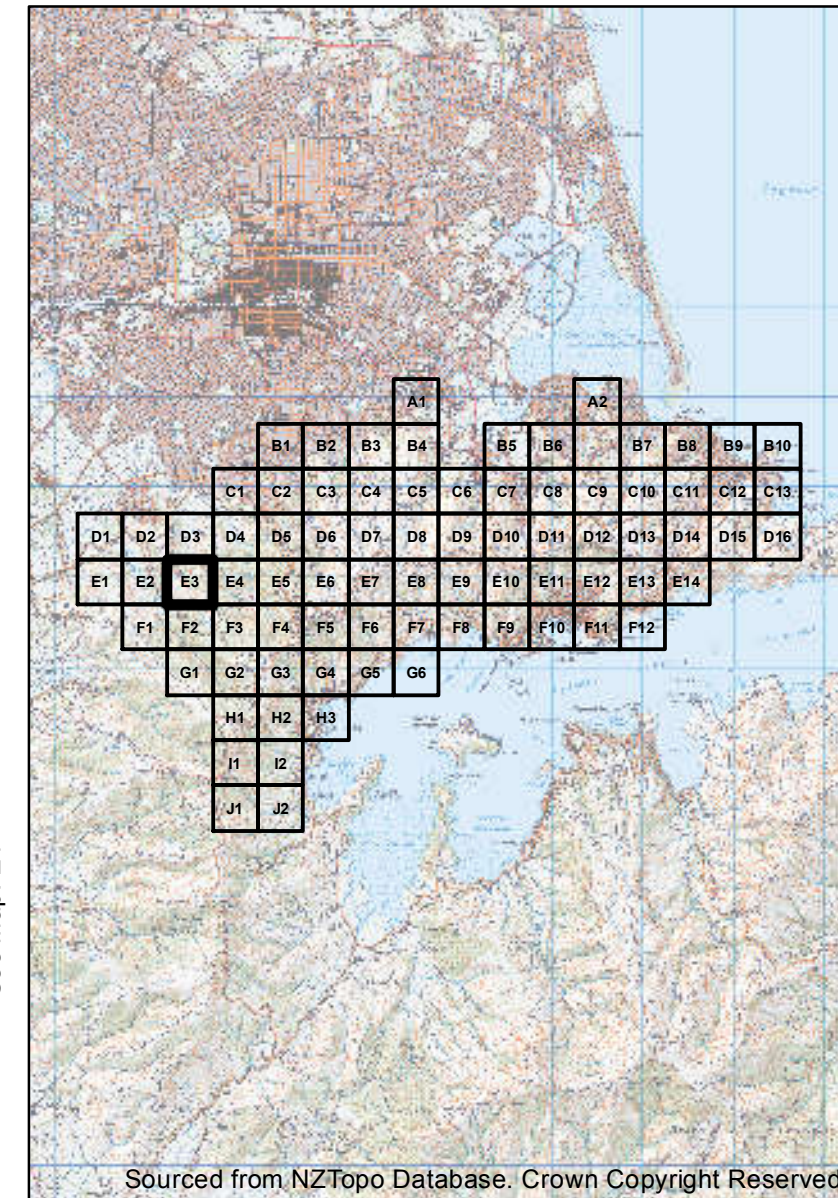
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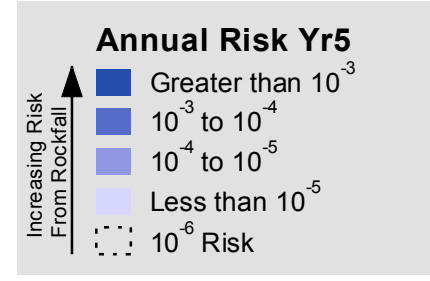
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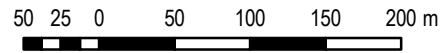


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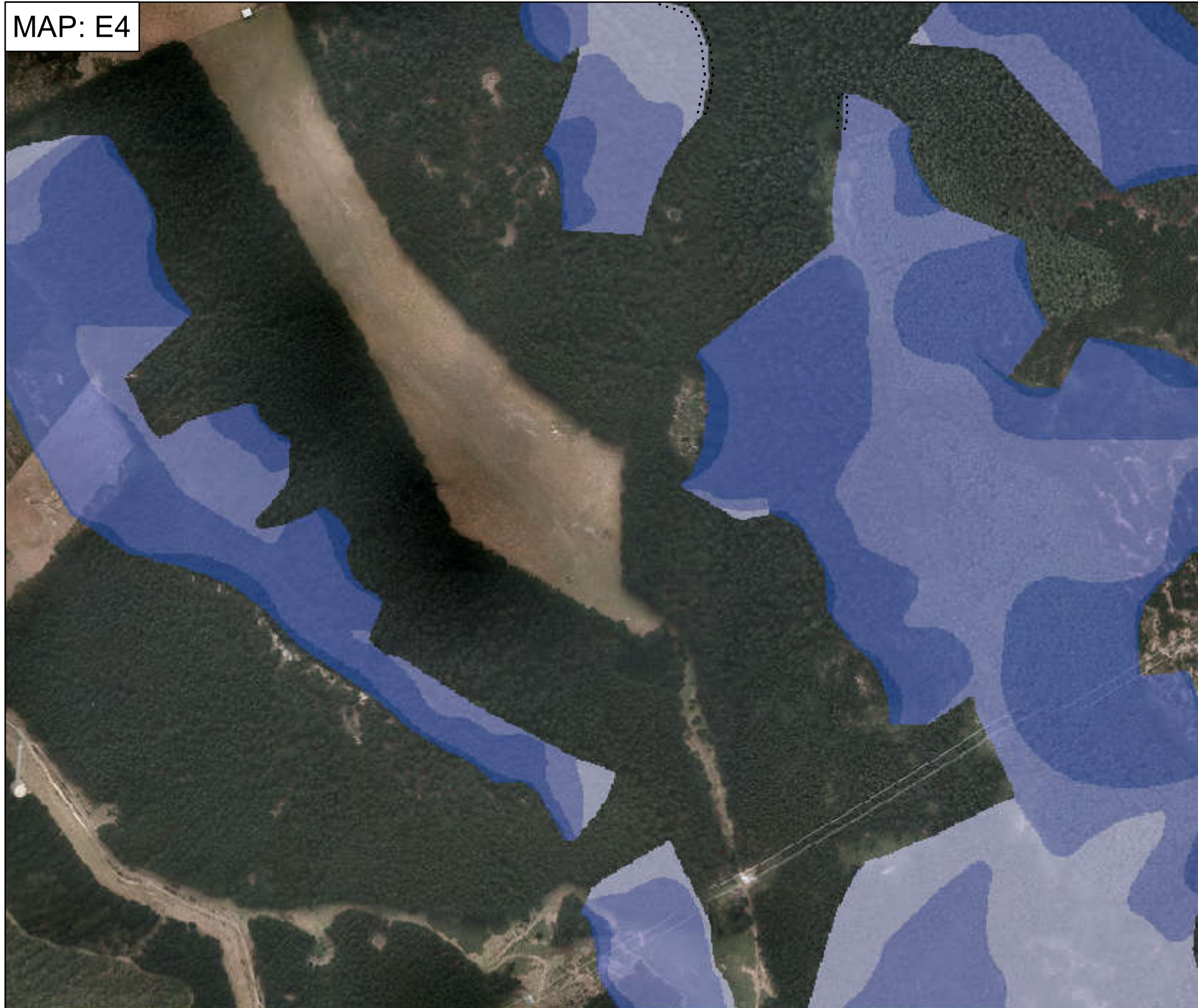


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

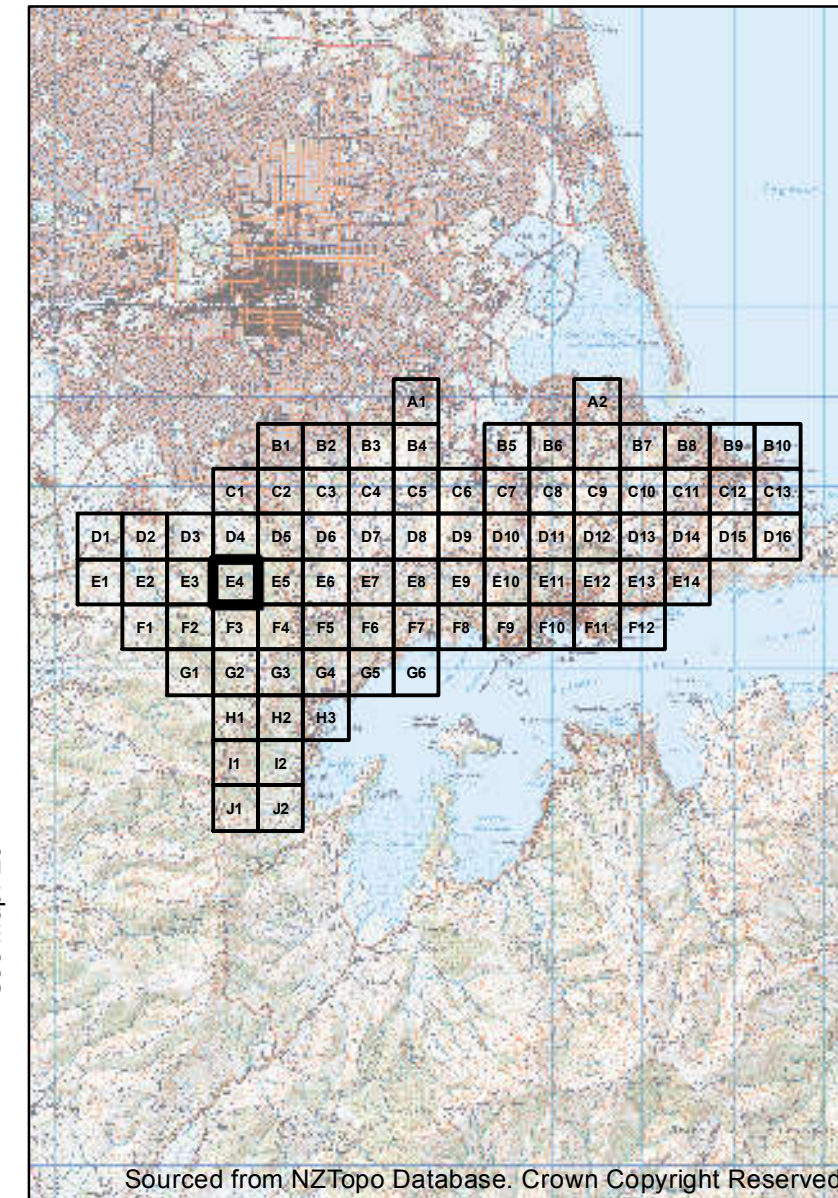
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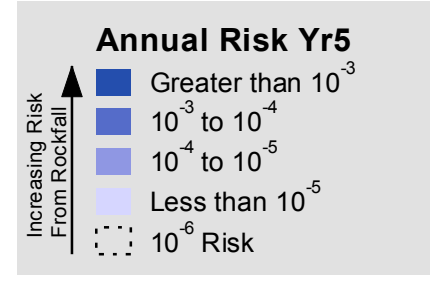
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See Map: F3



See Map: E5

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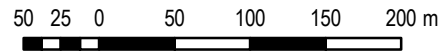


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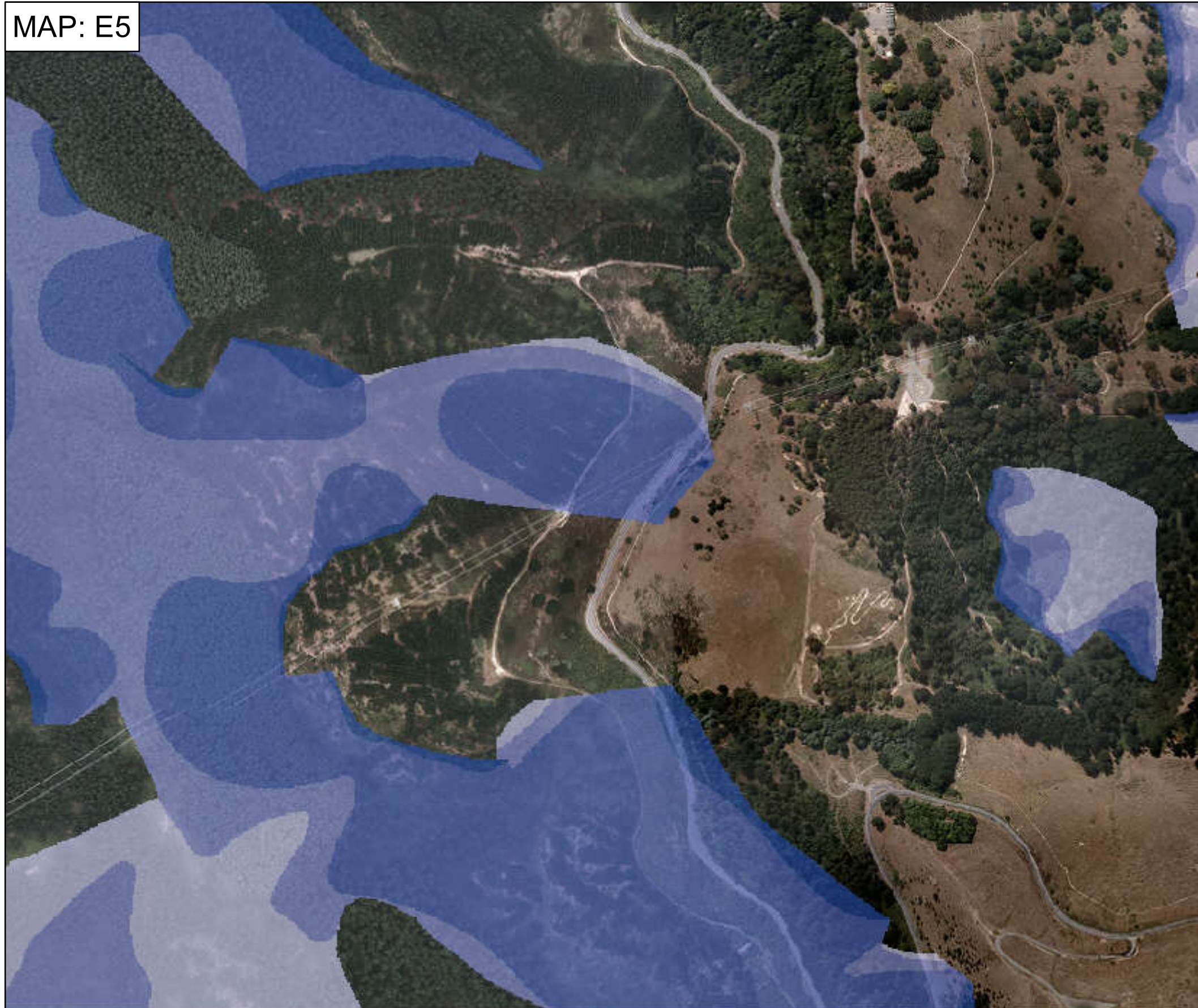


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Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
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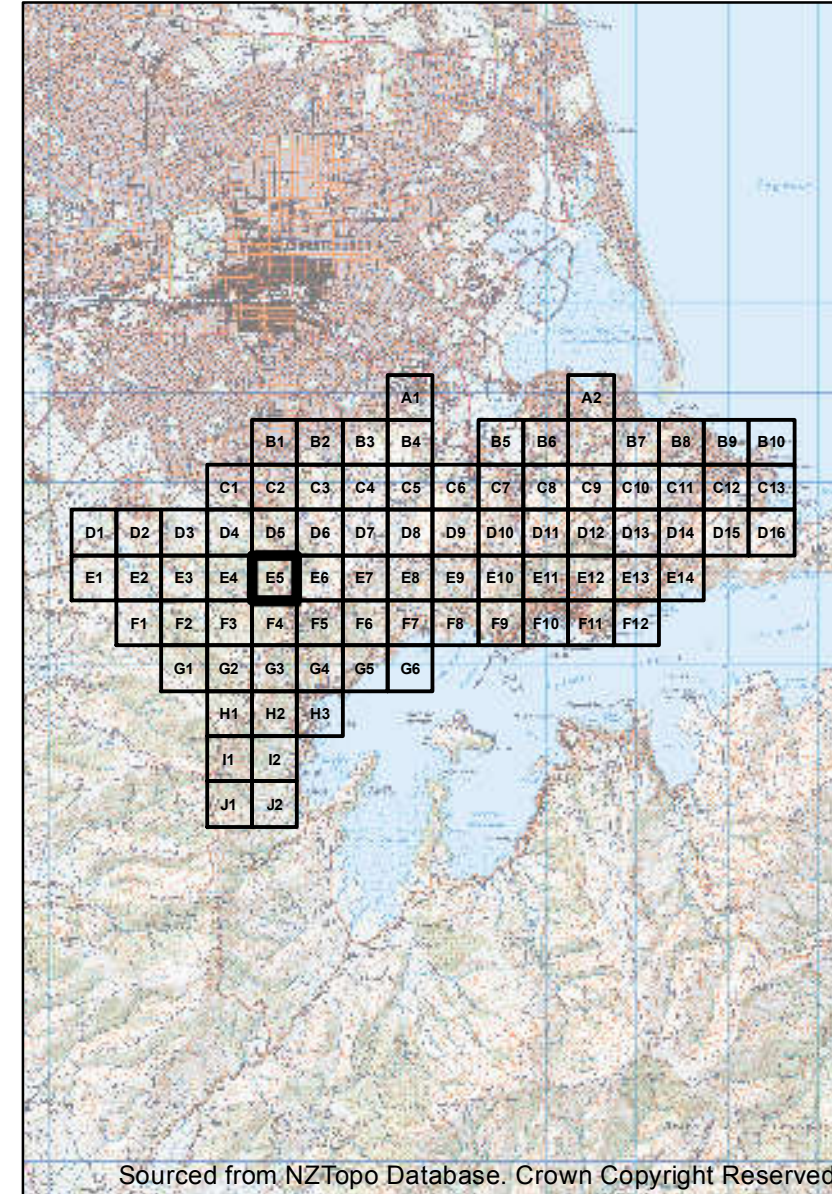
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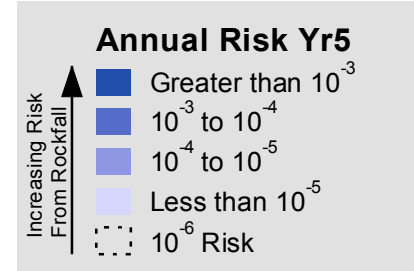
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See Map: E6

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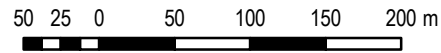


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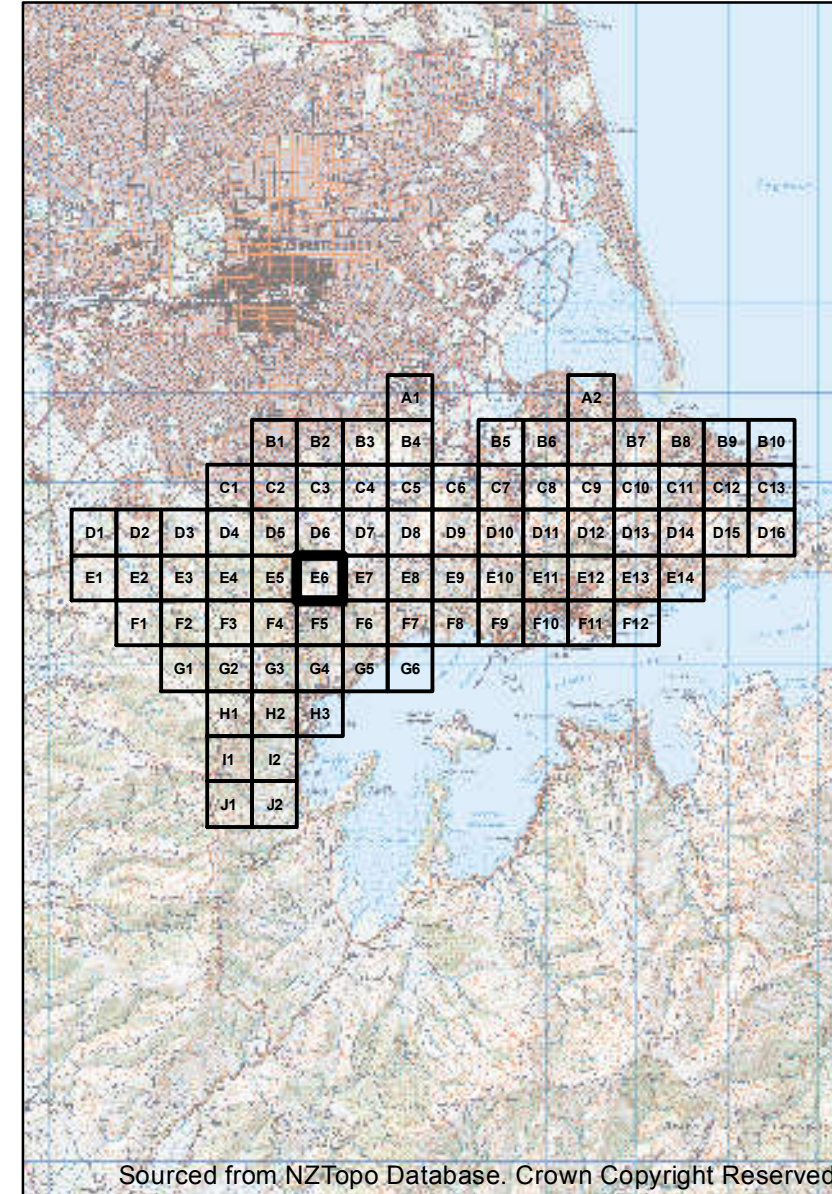
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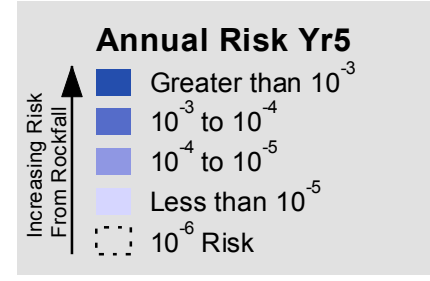
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See Map: F5



See Map: E7

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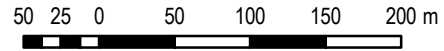


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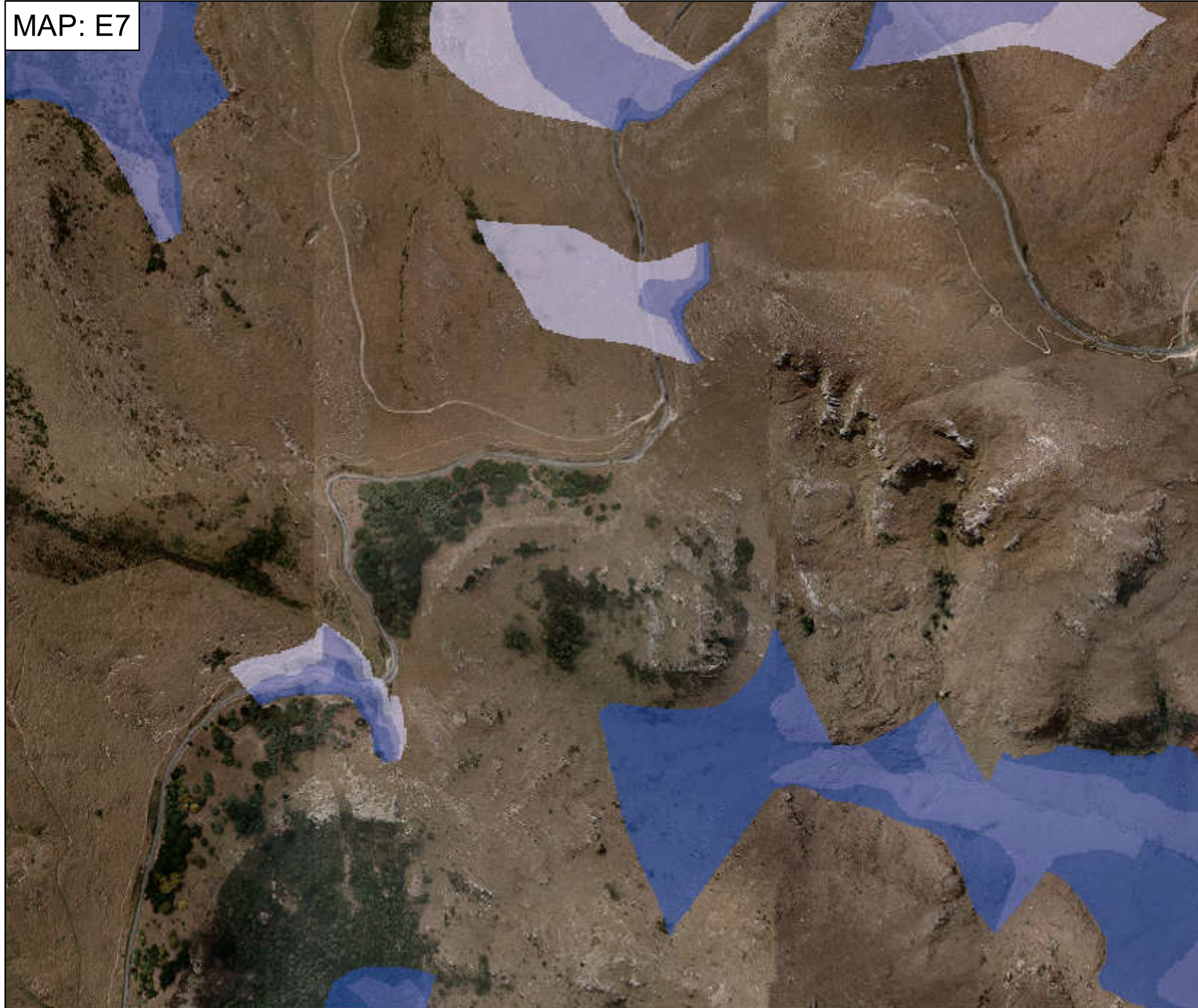


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

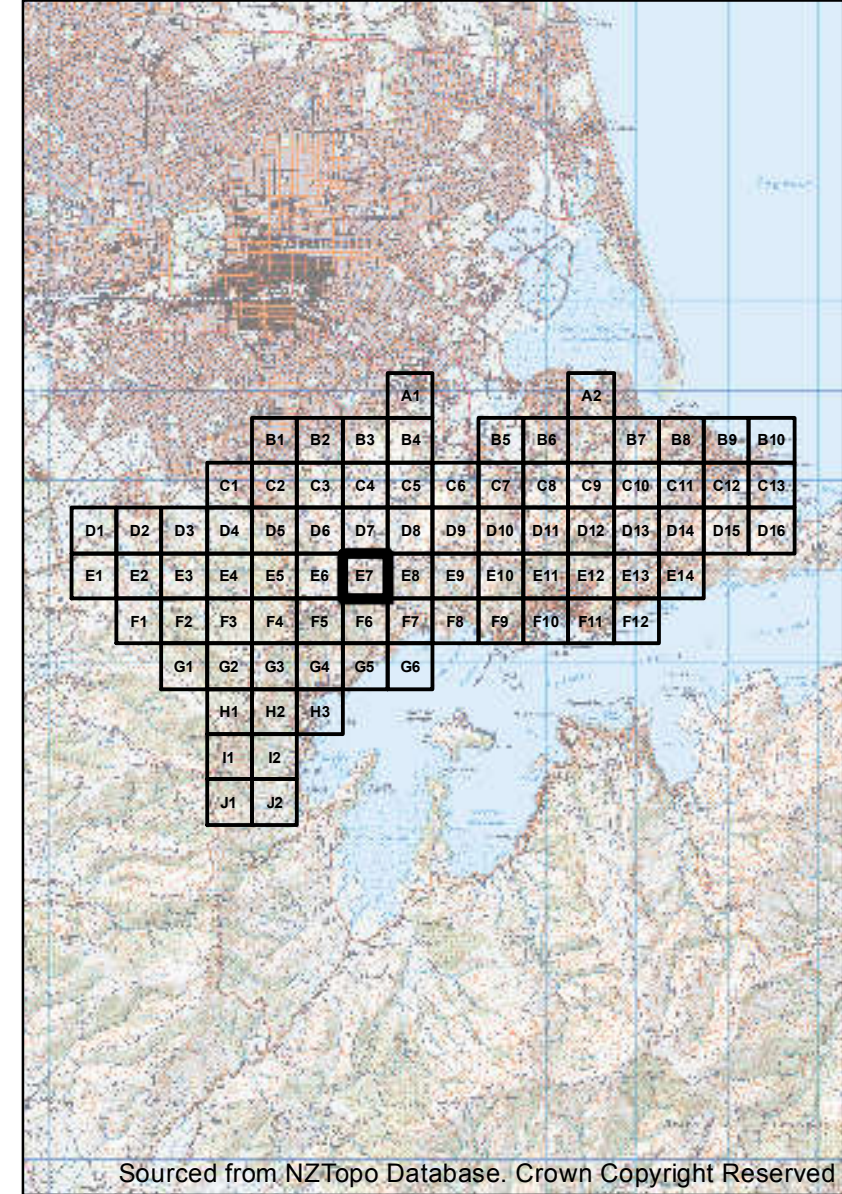
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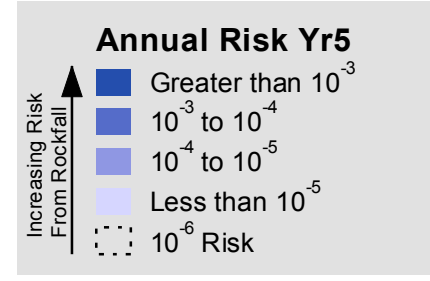
See Map: E6

See Map: F6



See Map: E8

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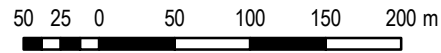


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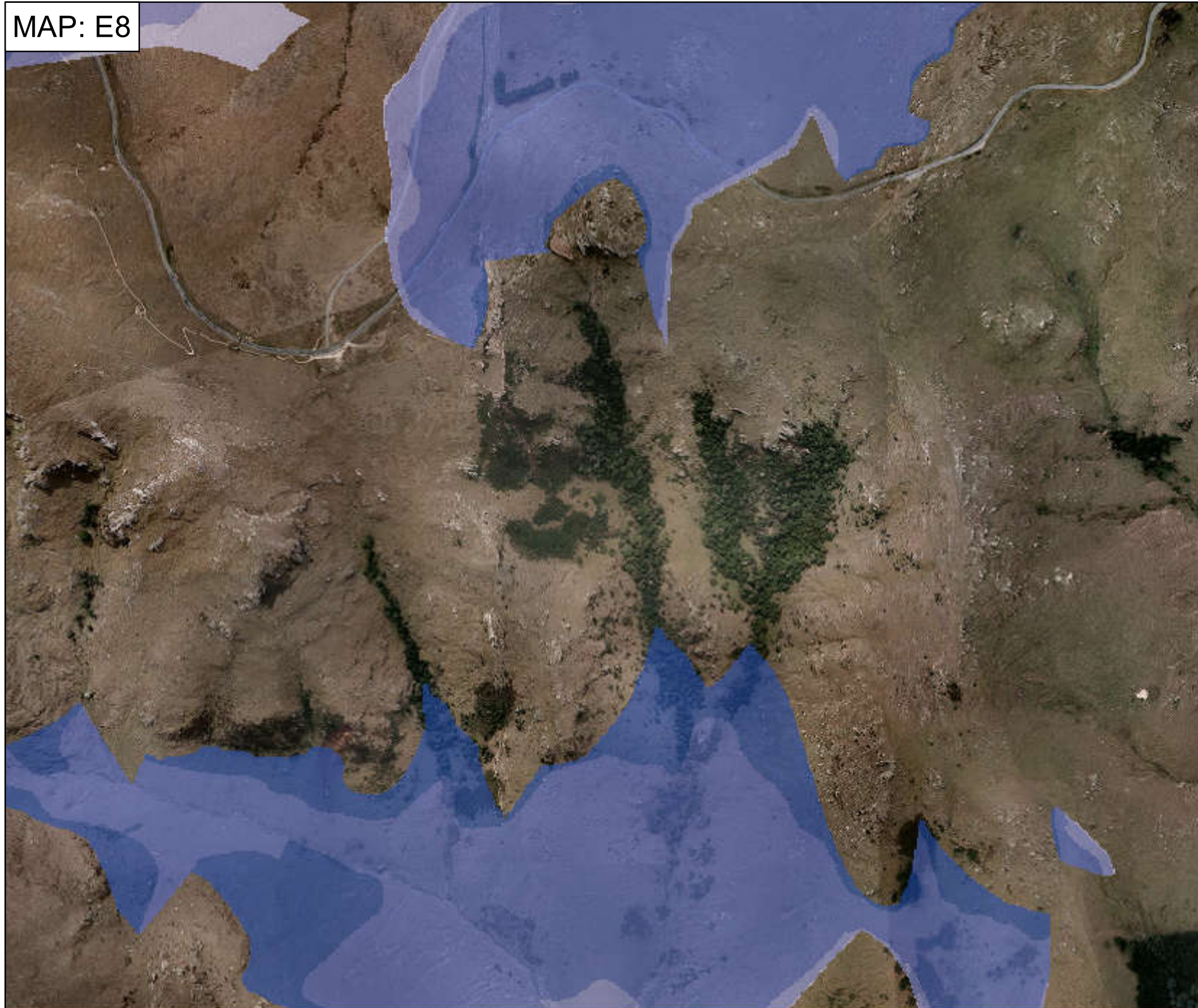


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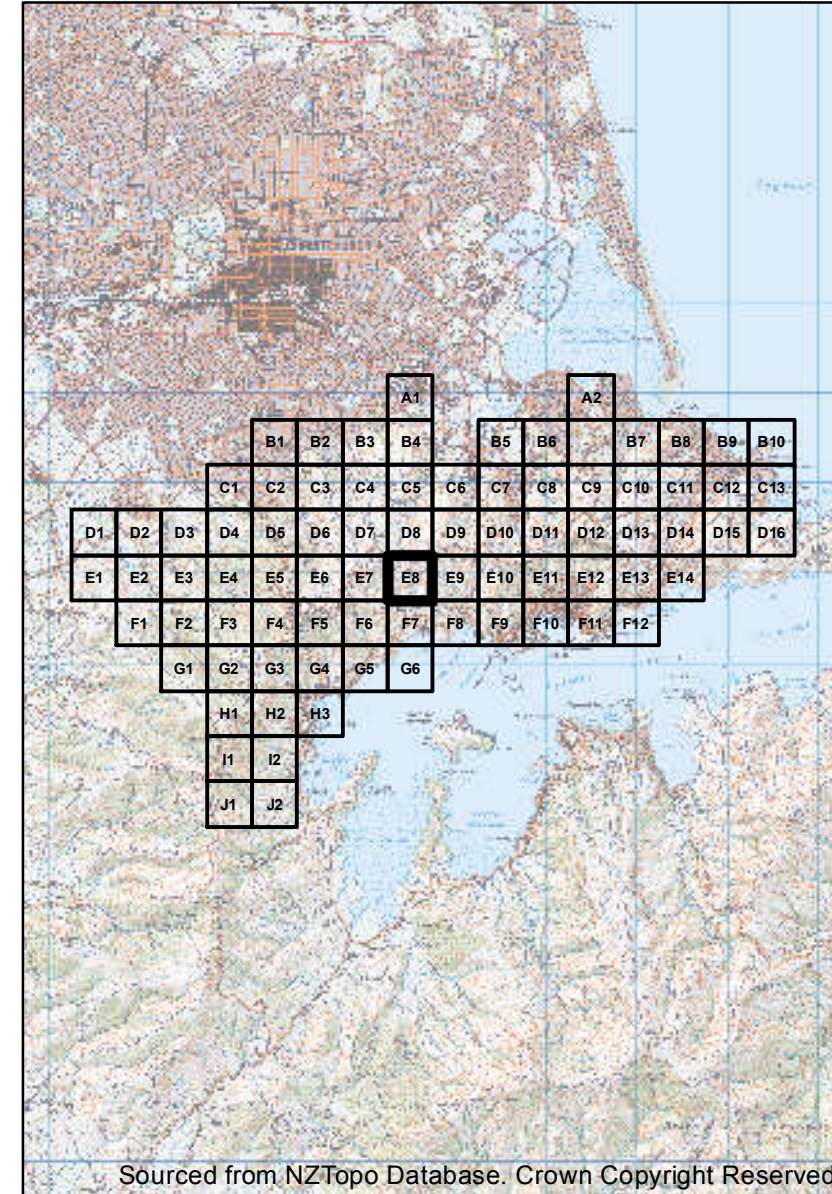
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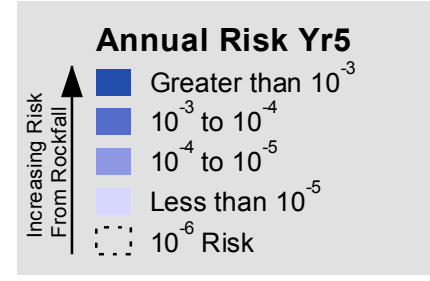
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See Map: F7



See Map: E9

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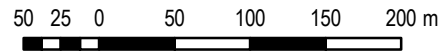


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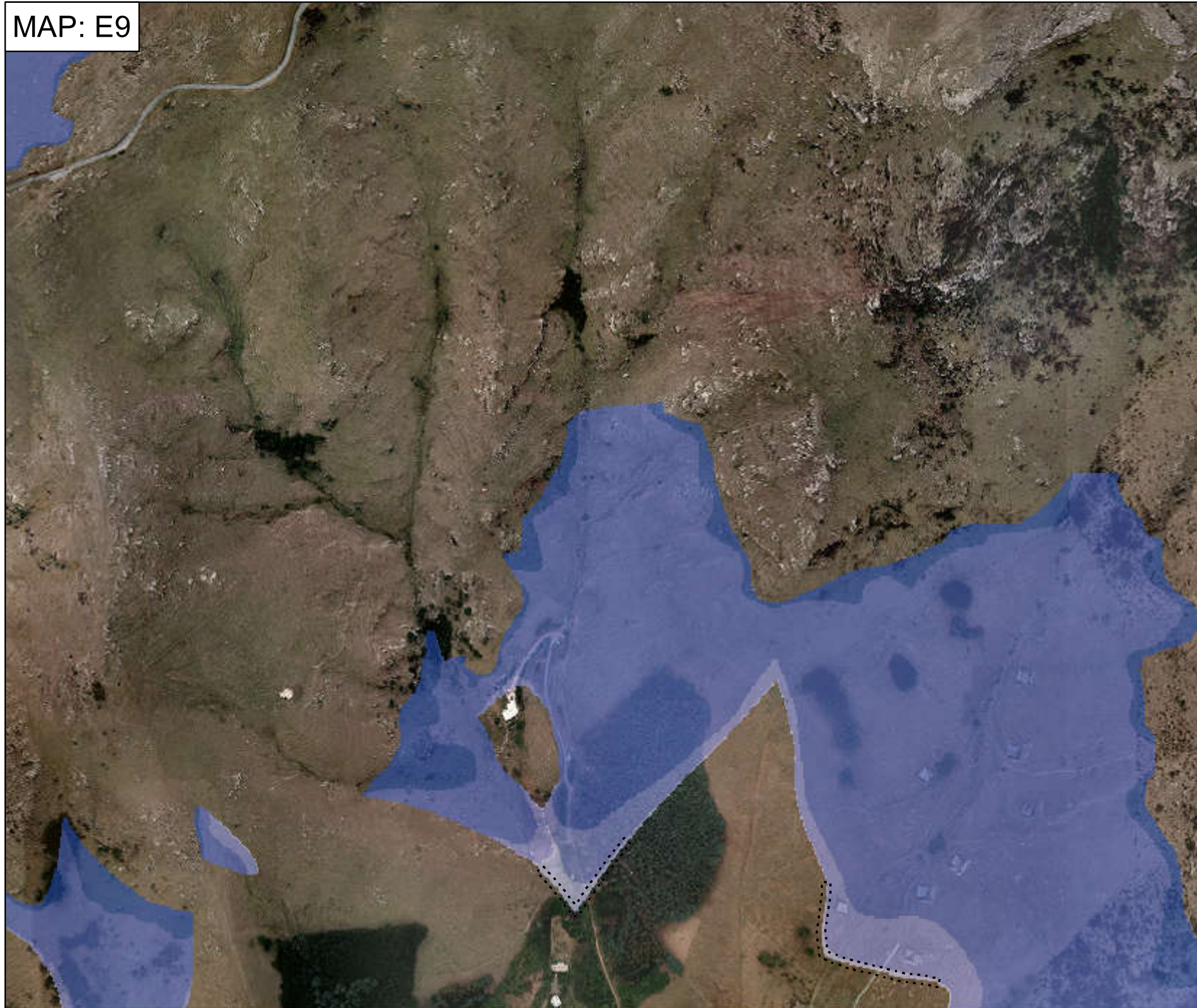


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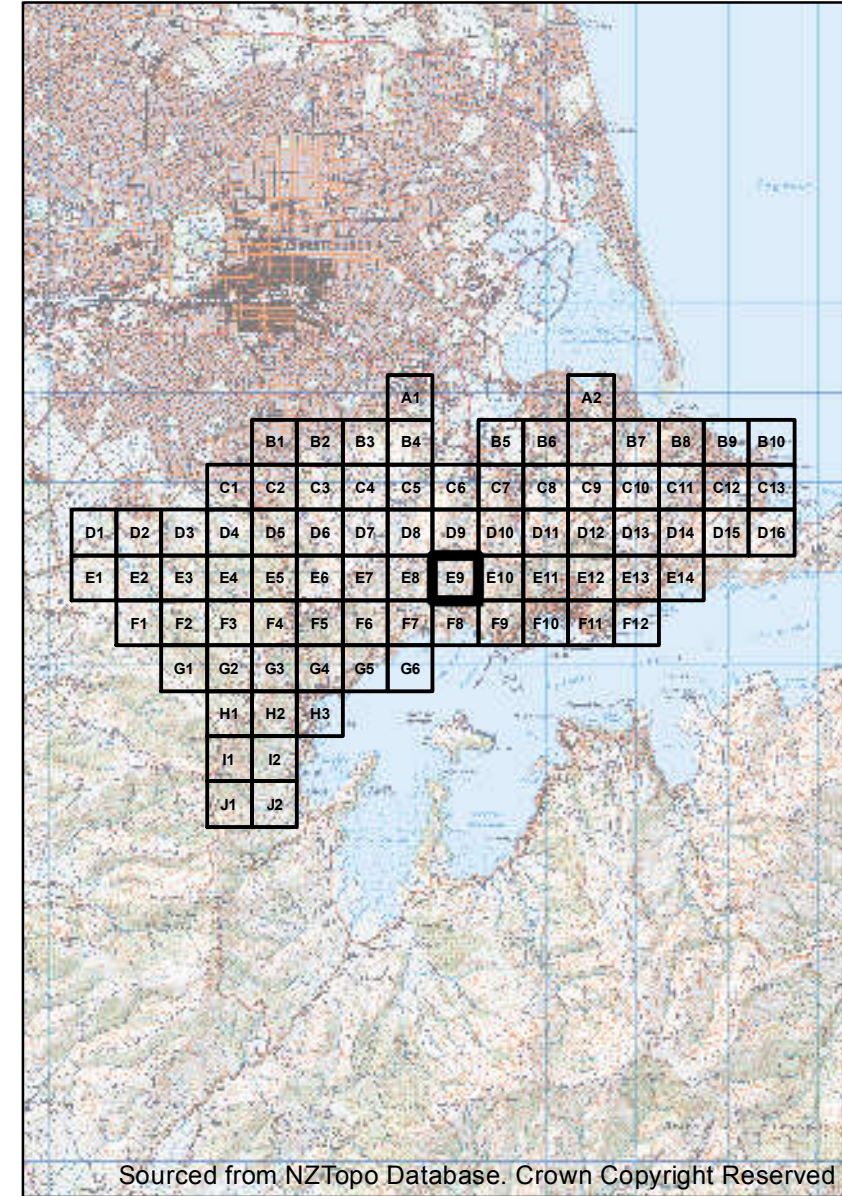
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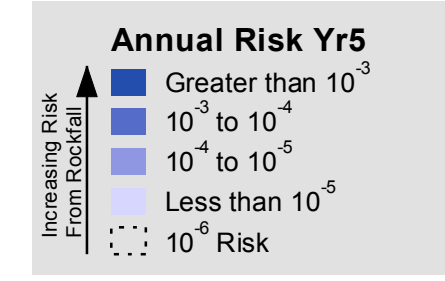
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See Map: F8



See Map: E10

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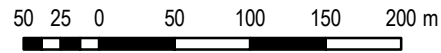
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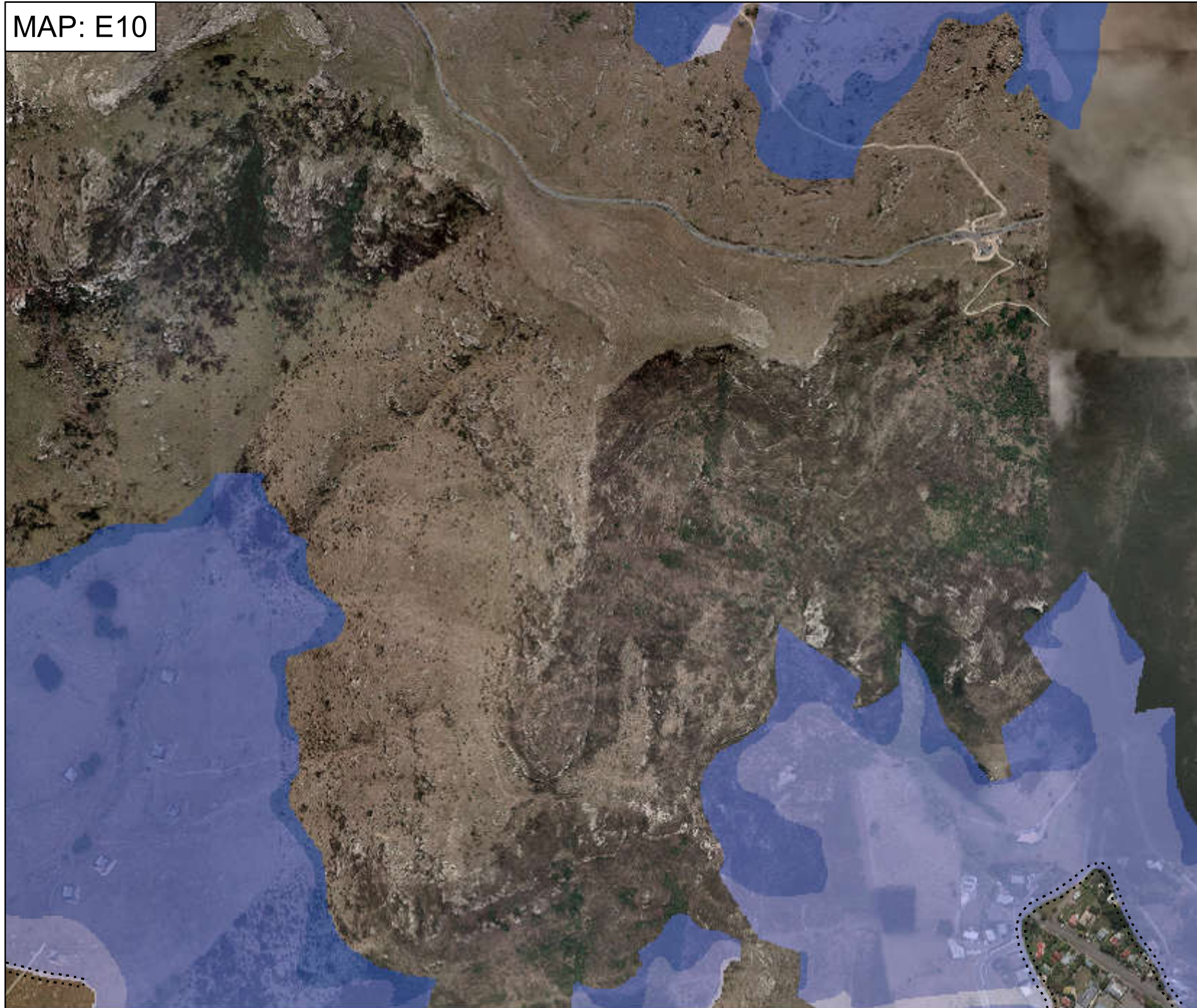


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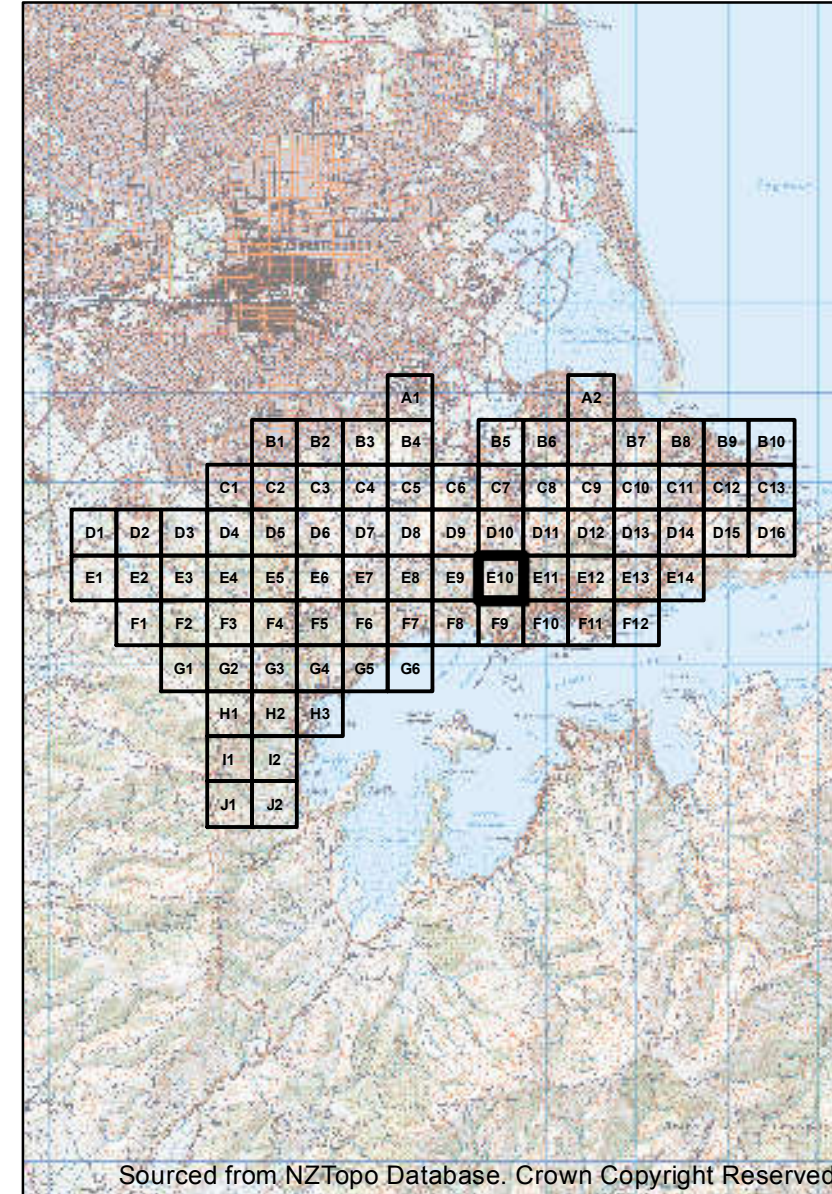
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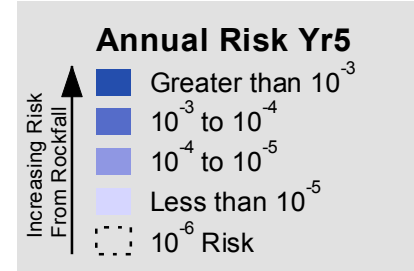
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See Map: F9



See Map: E11

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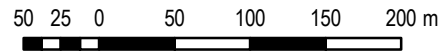


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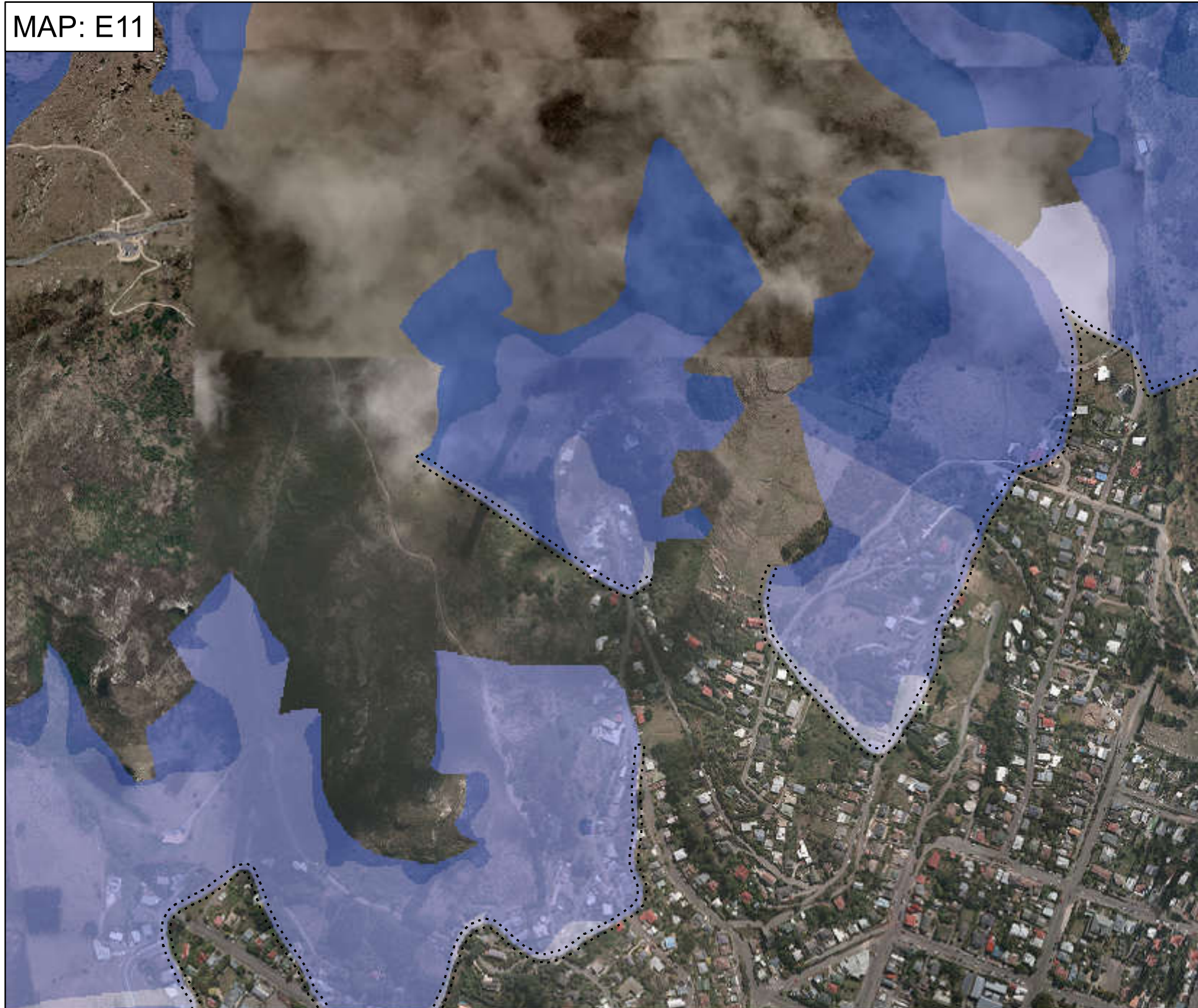


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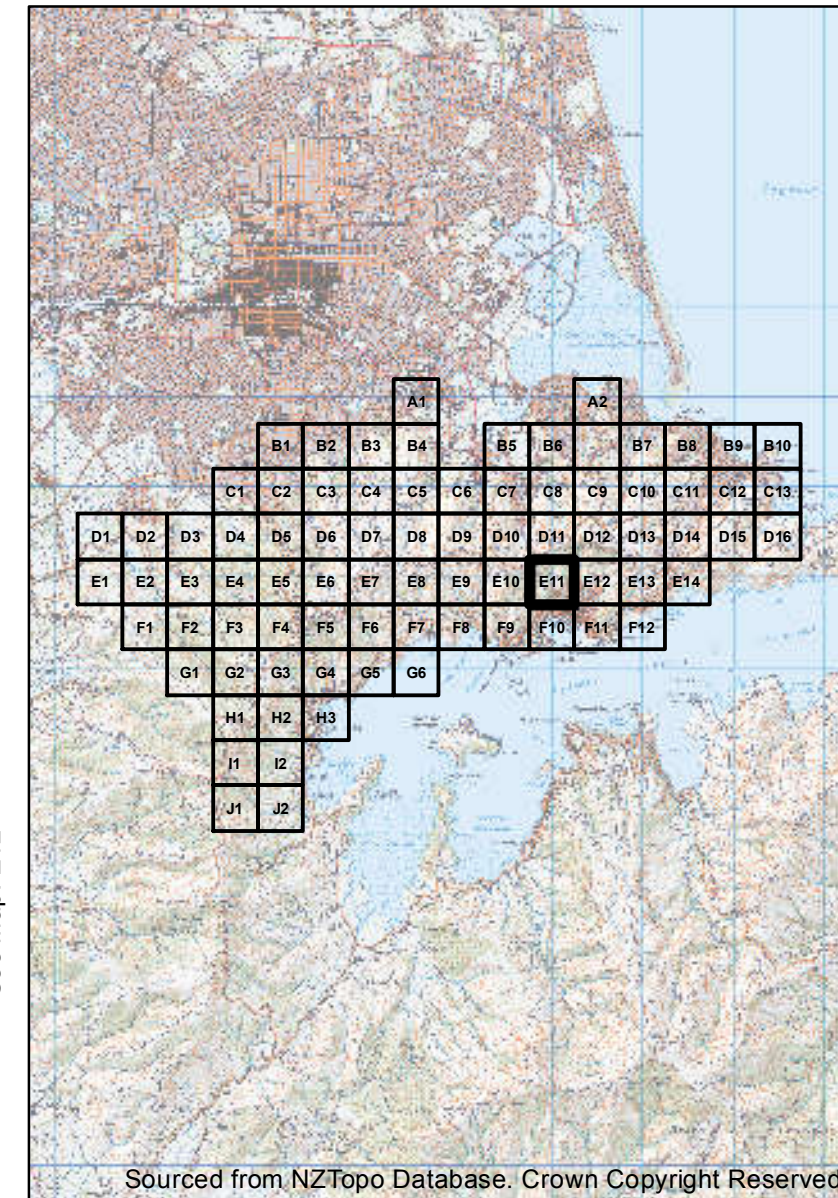
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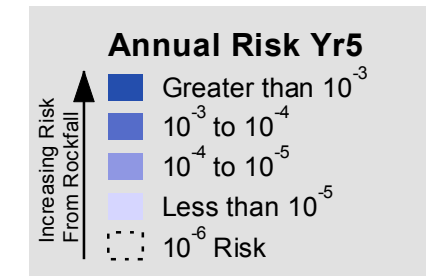
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See Map: E12

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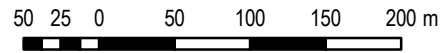


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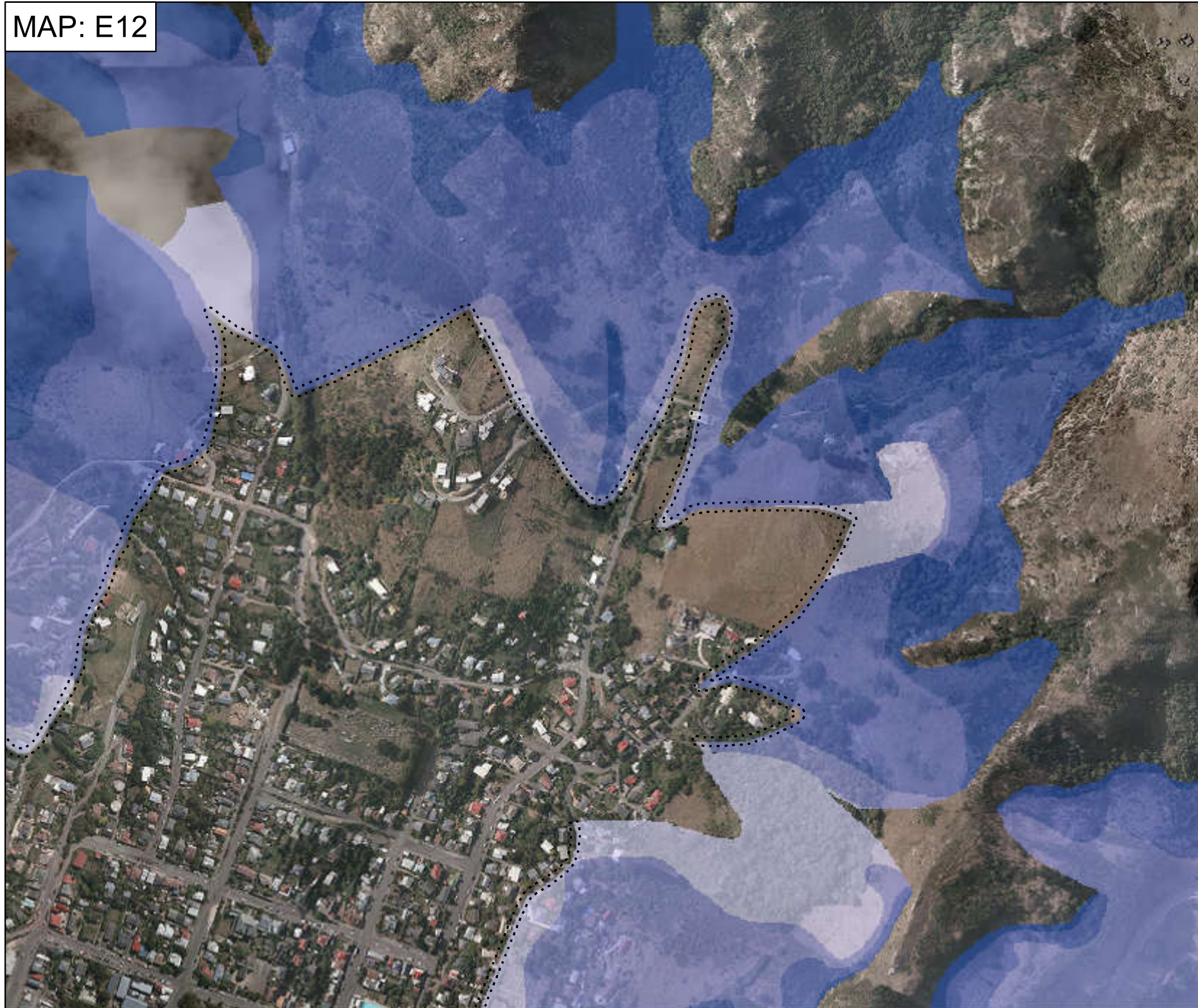


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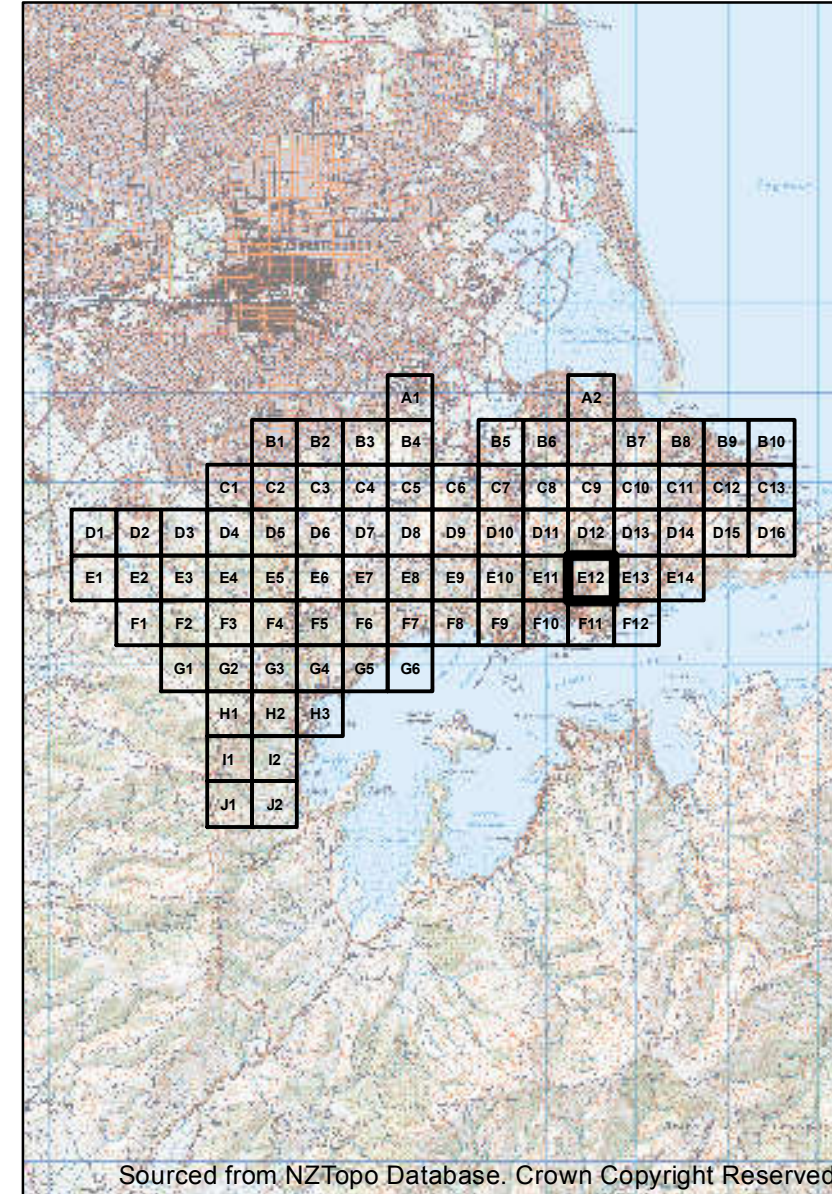
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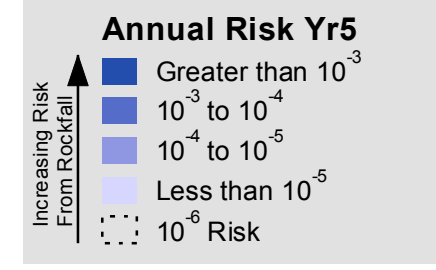
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See Map: F11



See Map: E13

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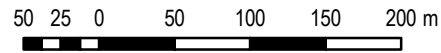


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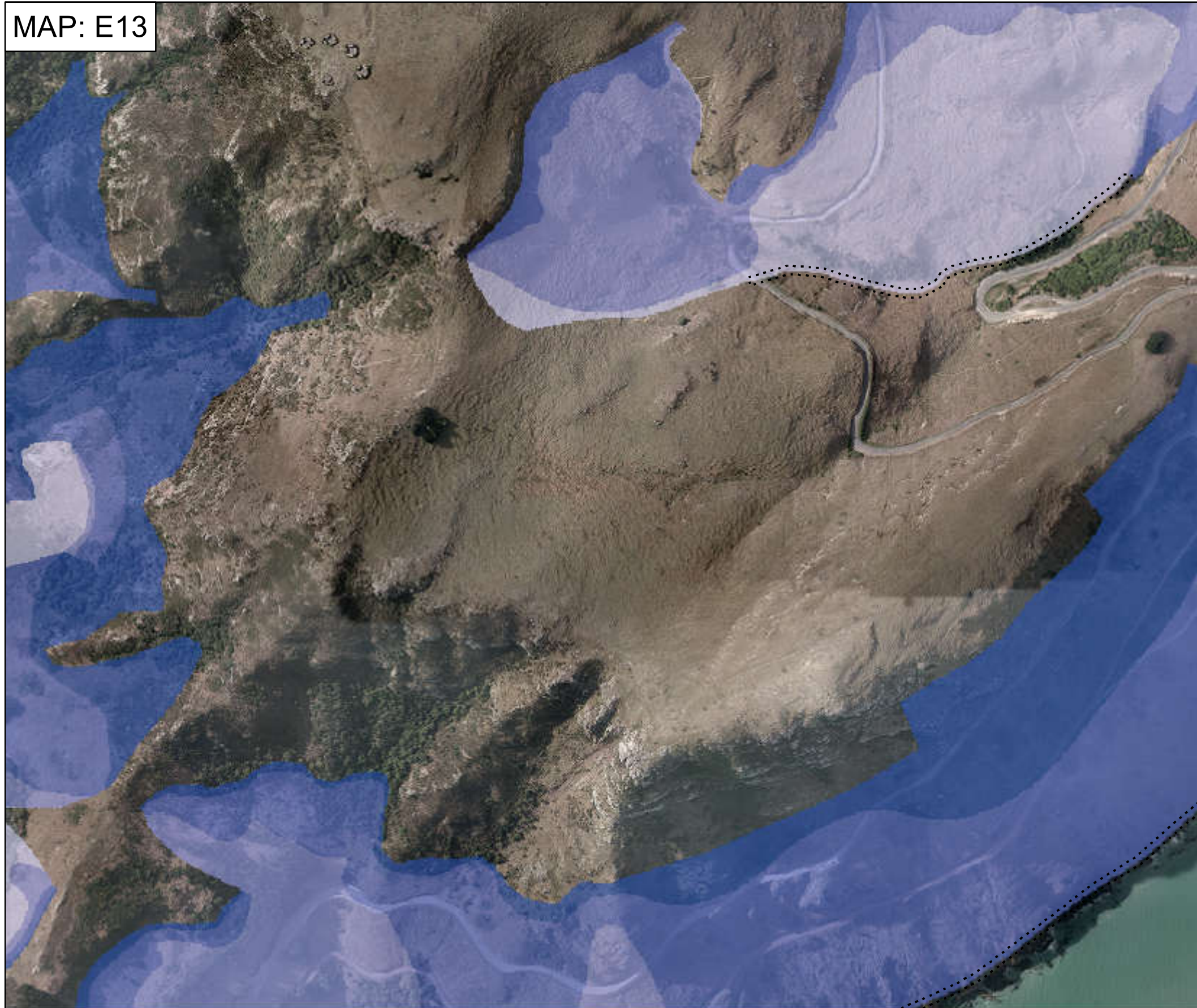


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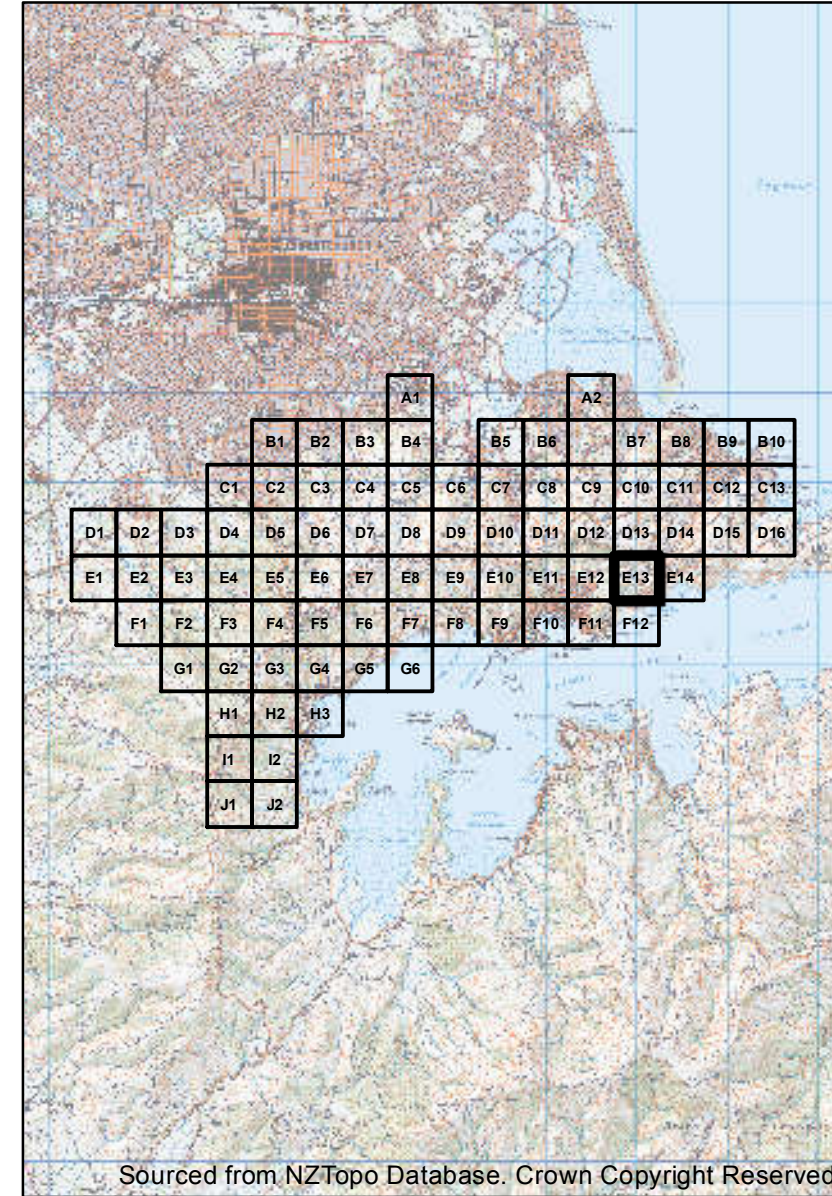
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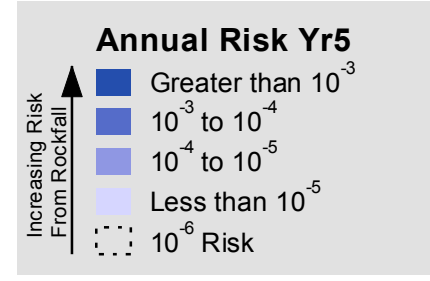
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See Map: E14

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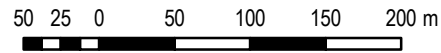
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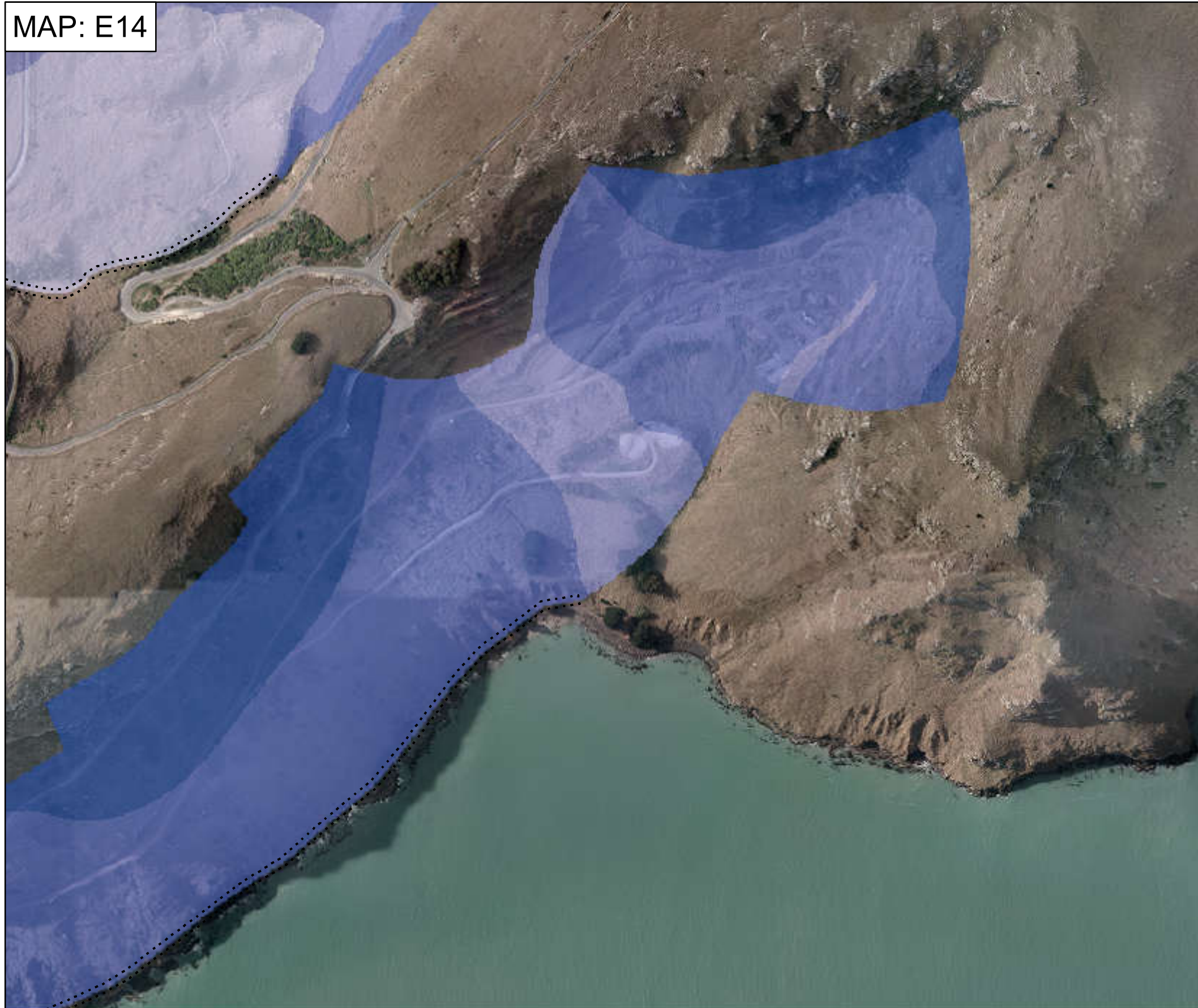


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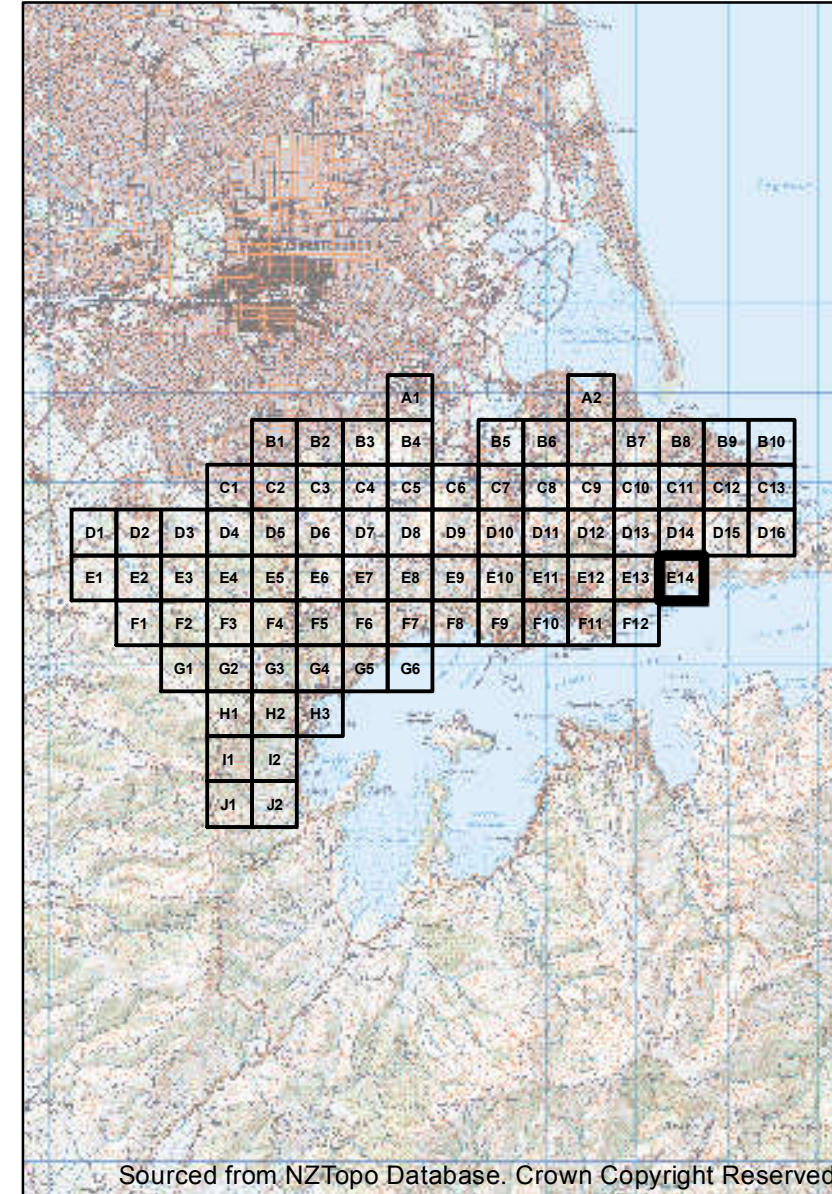
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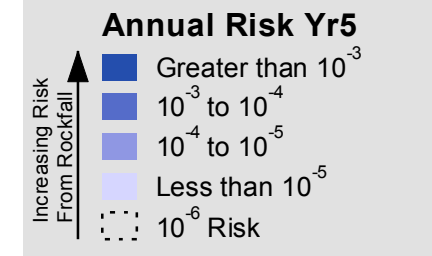
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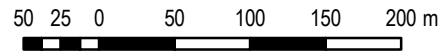


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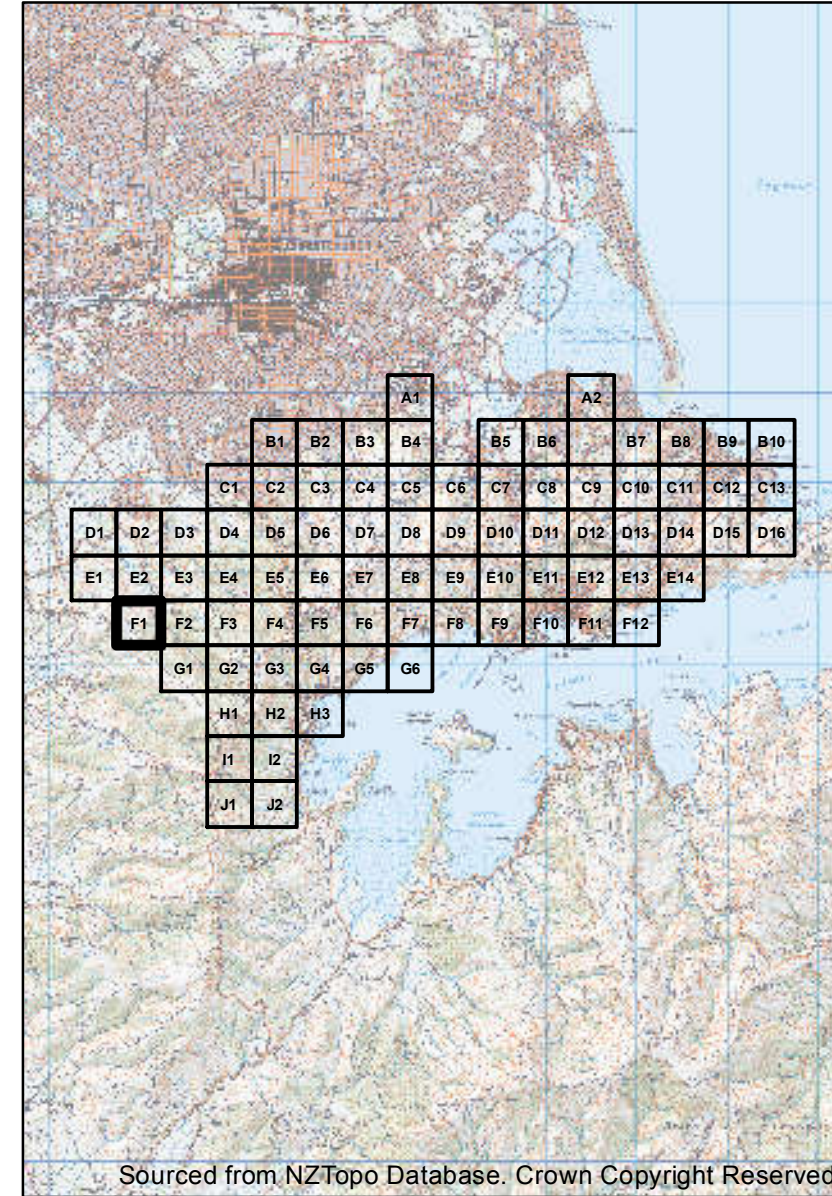
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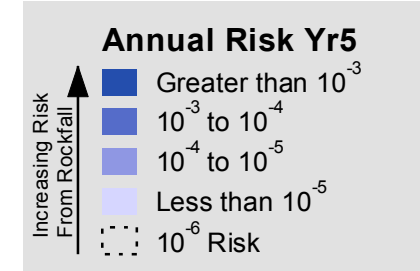
See Map:

See Map:



See Map: F2

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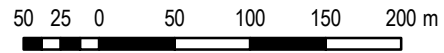


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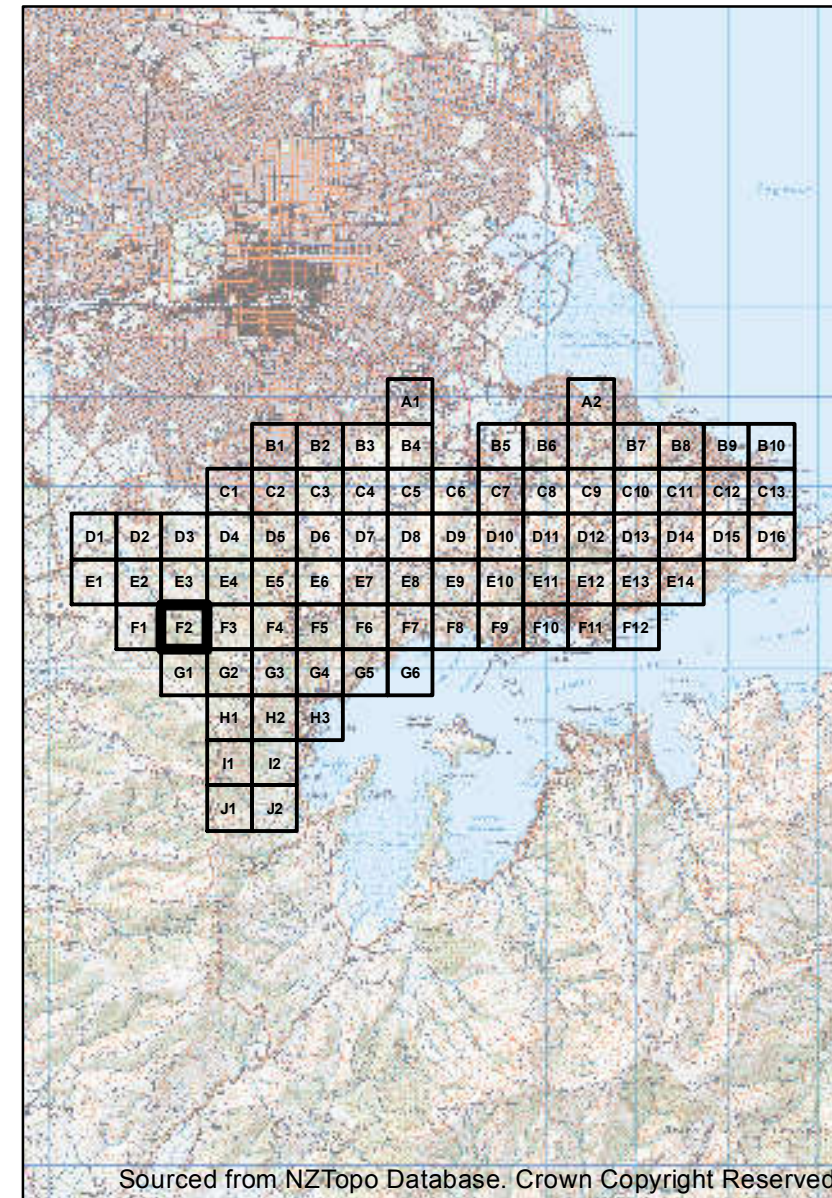
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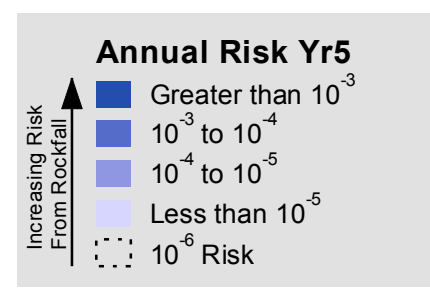


See Map: F1

See Map: G1



See Map: F3



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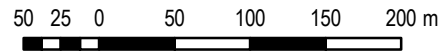


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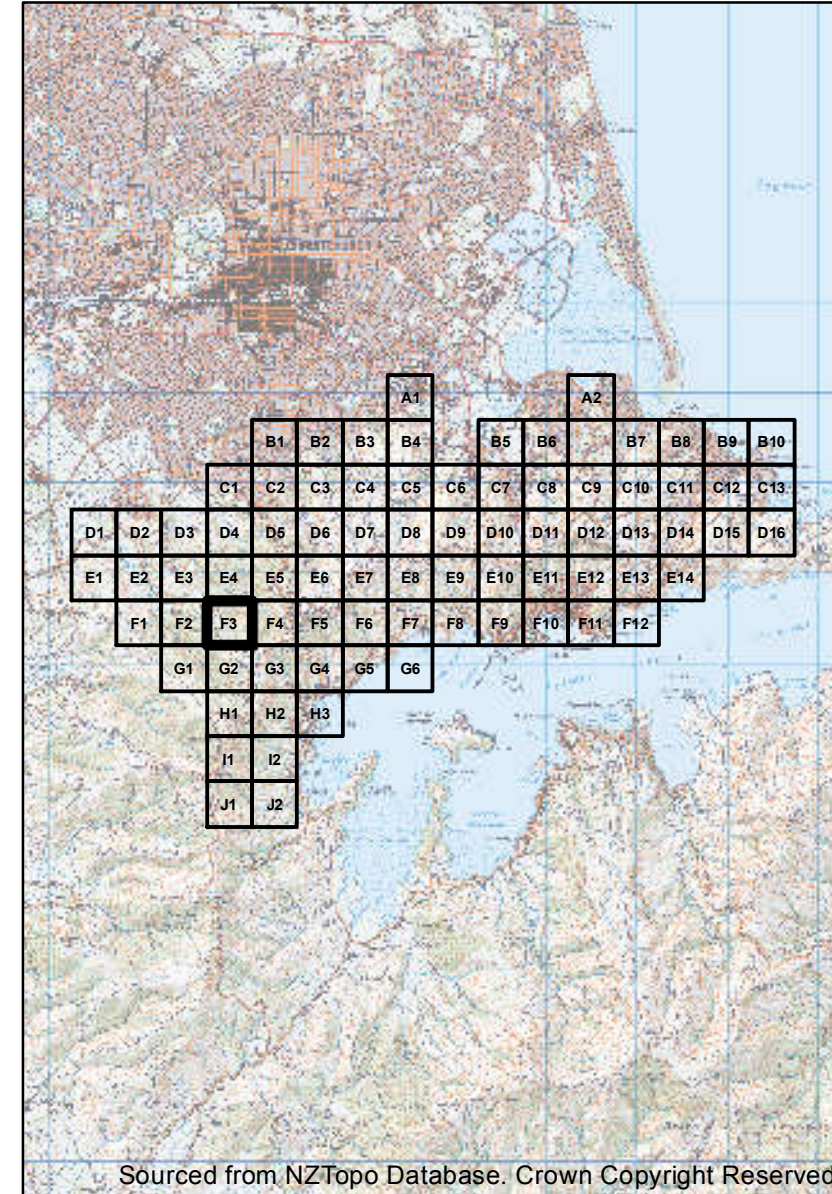
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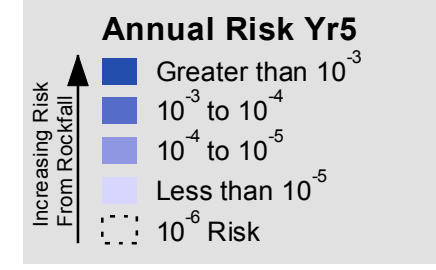
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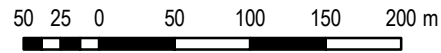


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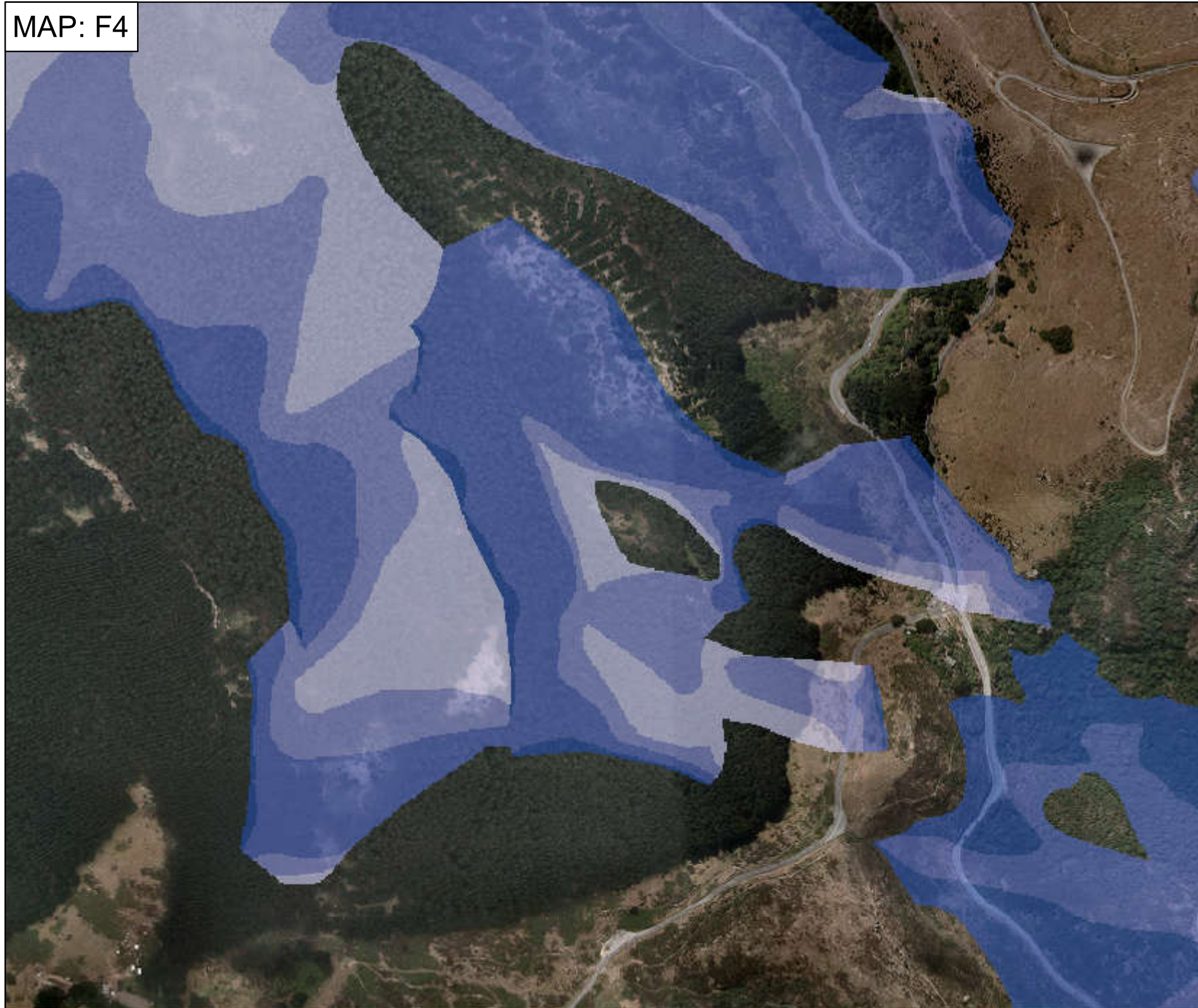


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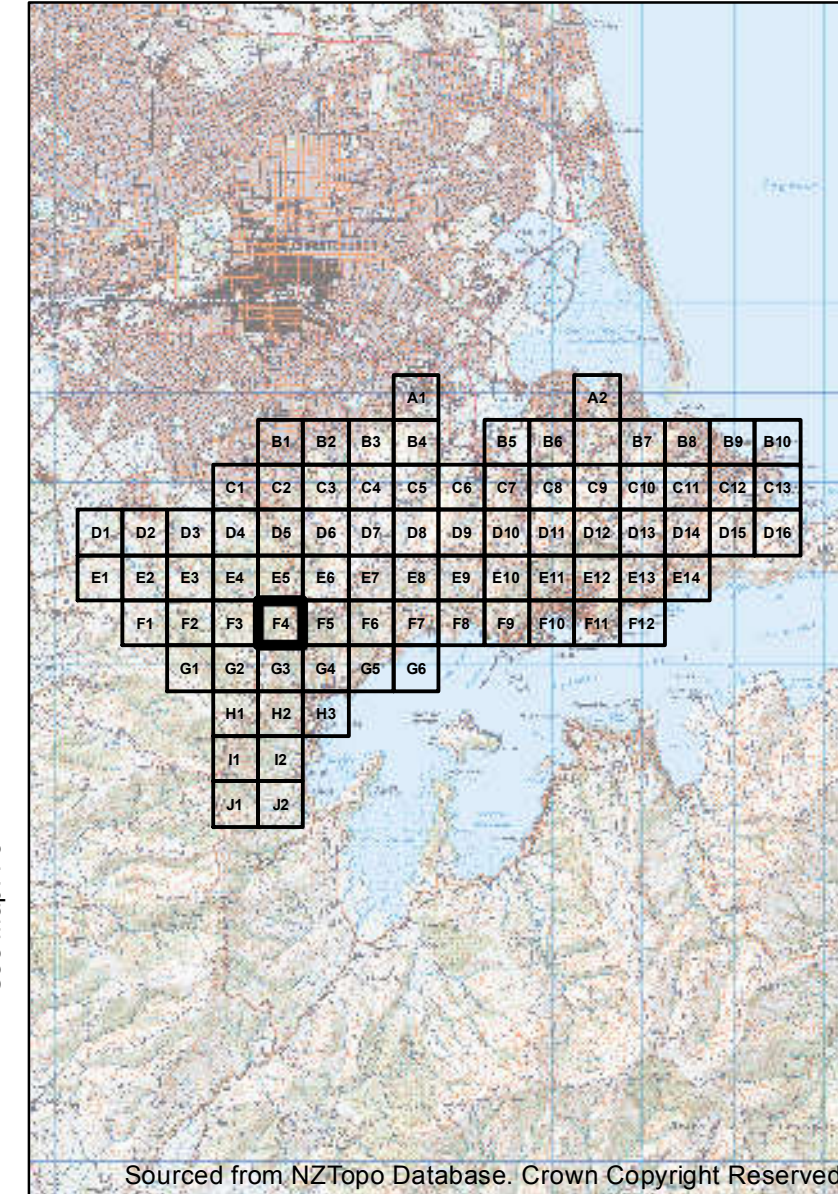
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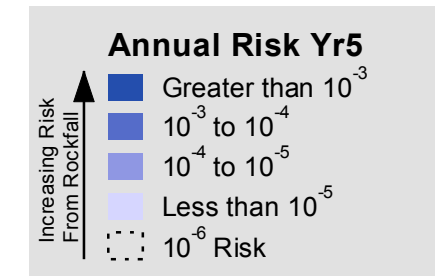
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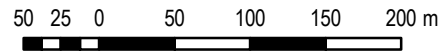


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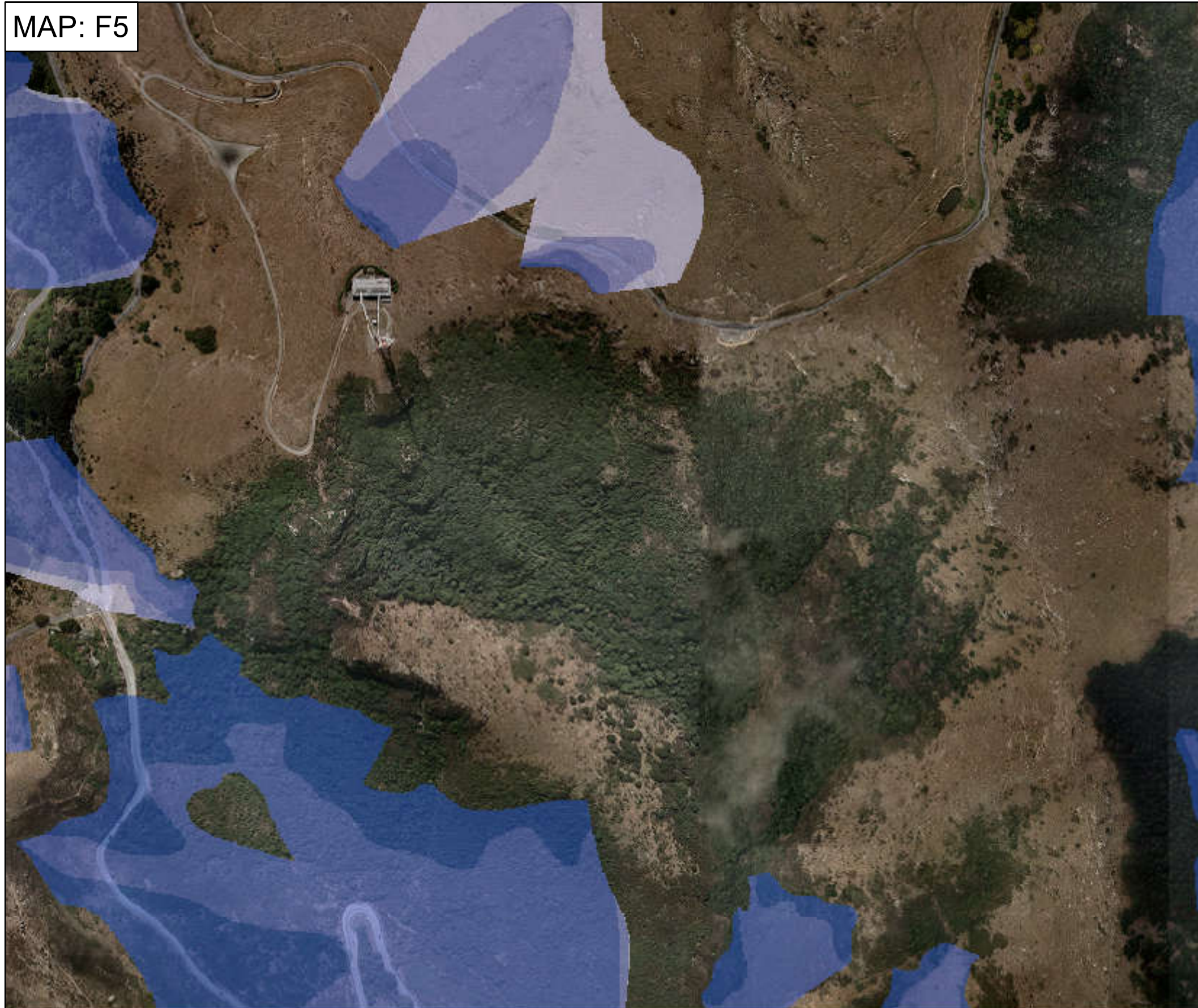


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

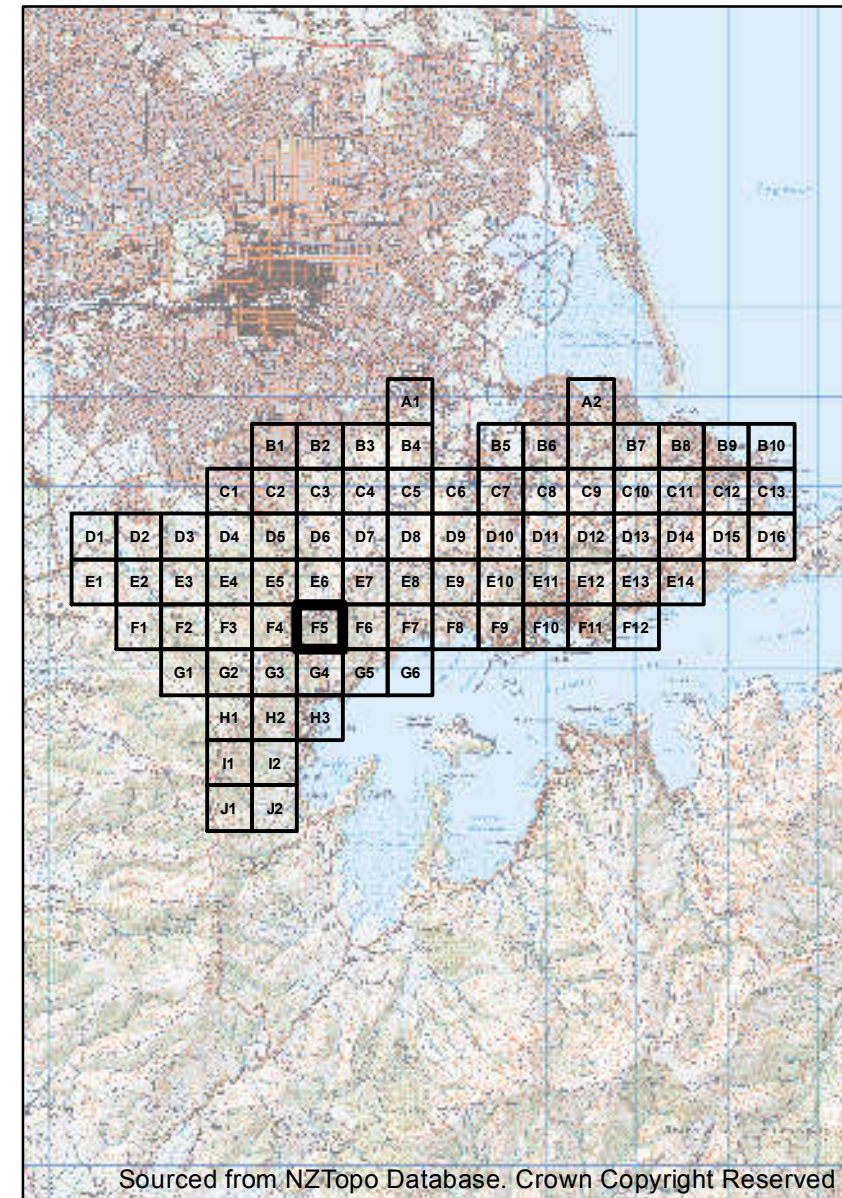
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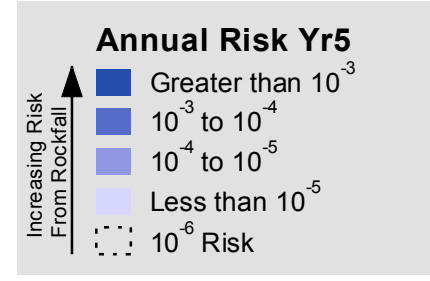
See Map: F4

See Map: G4



See Map: F6

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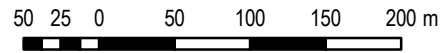


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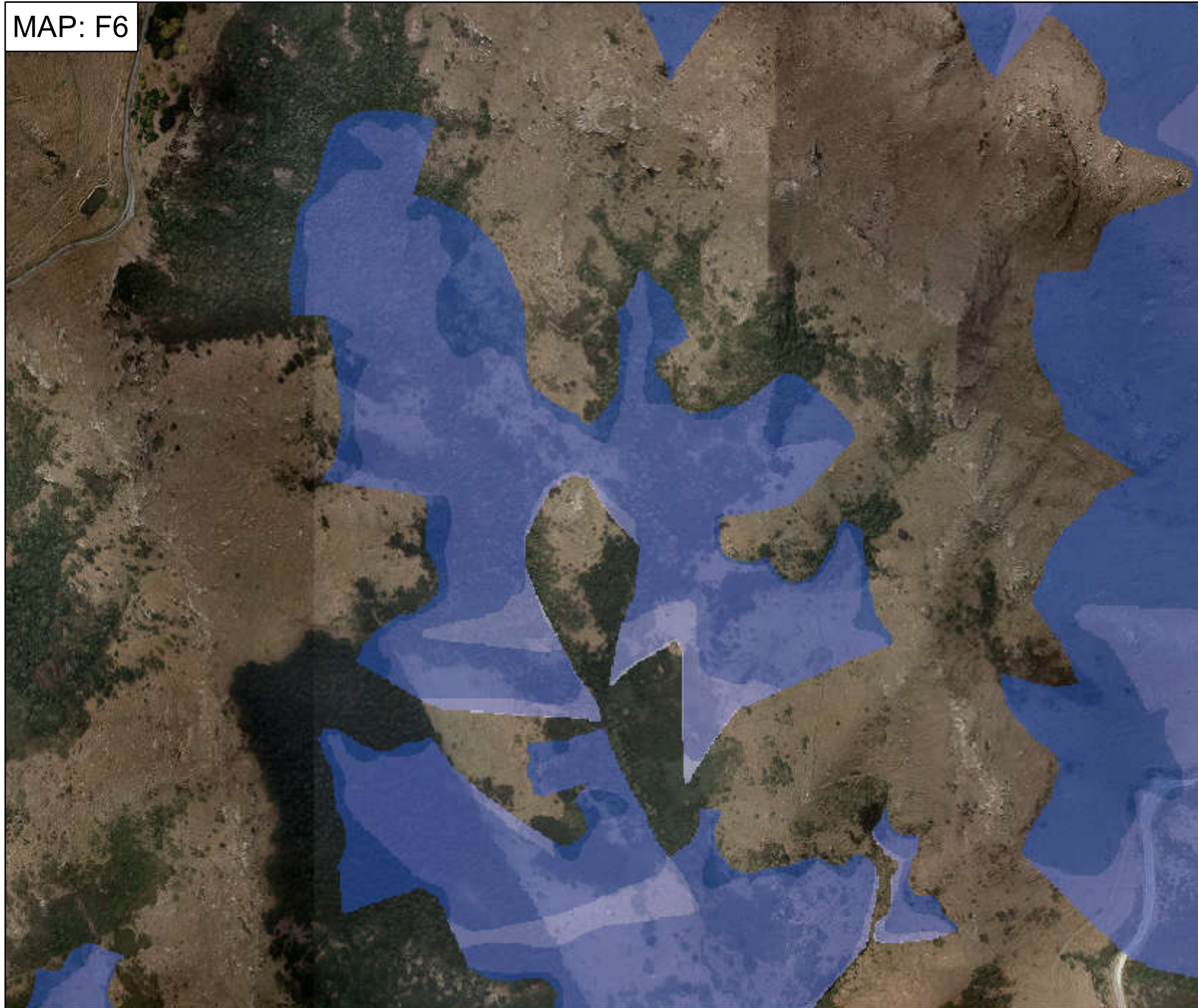


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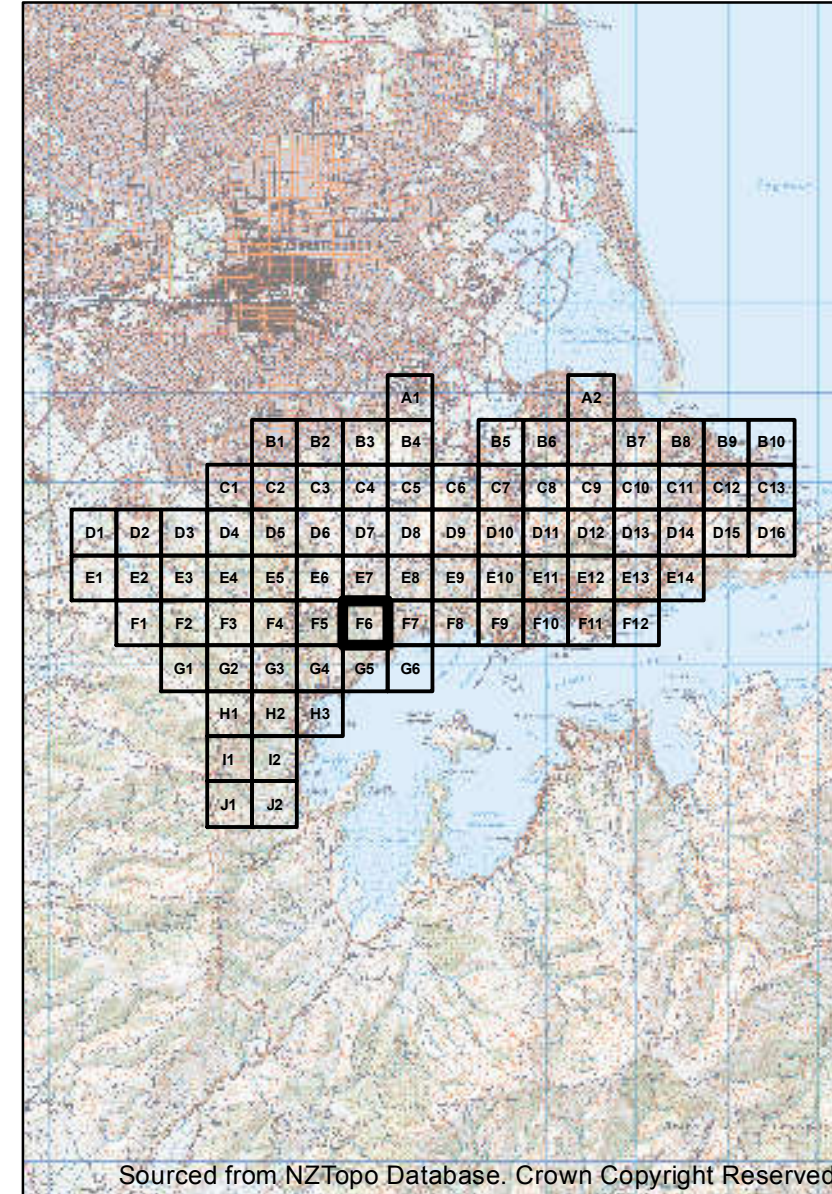
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See Map: F5

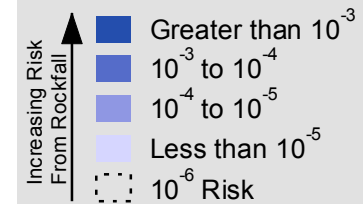
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Annual Risk Yr5



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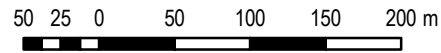


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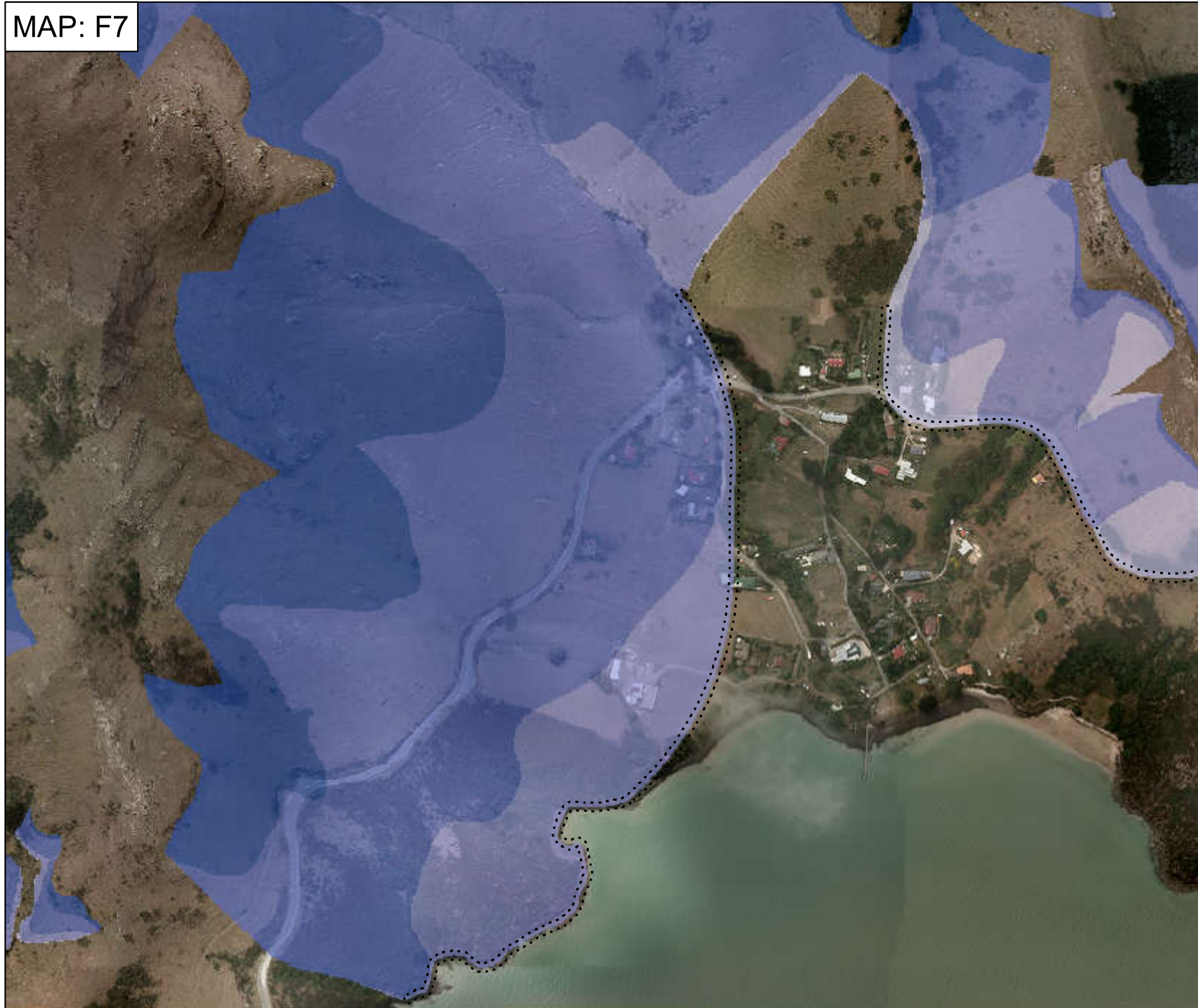


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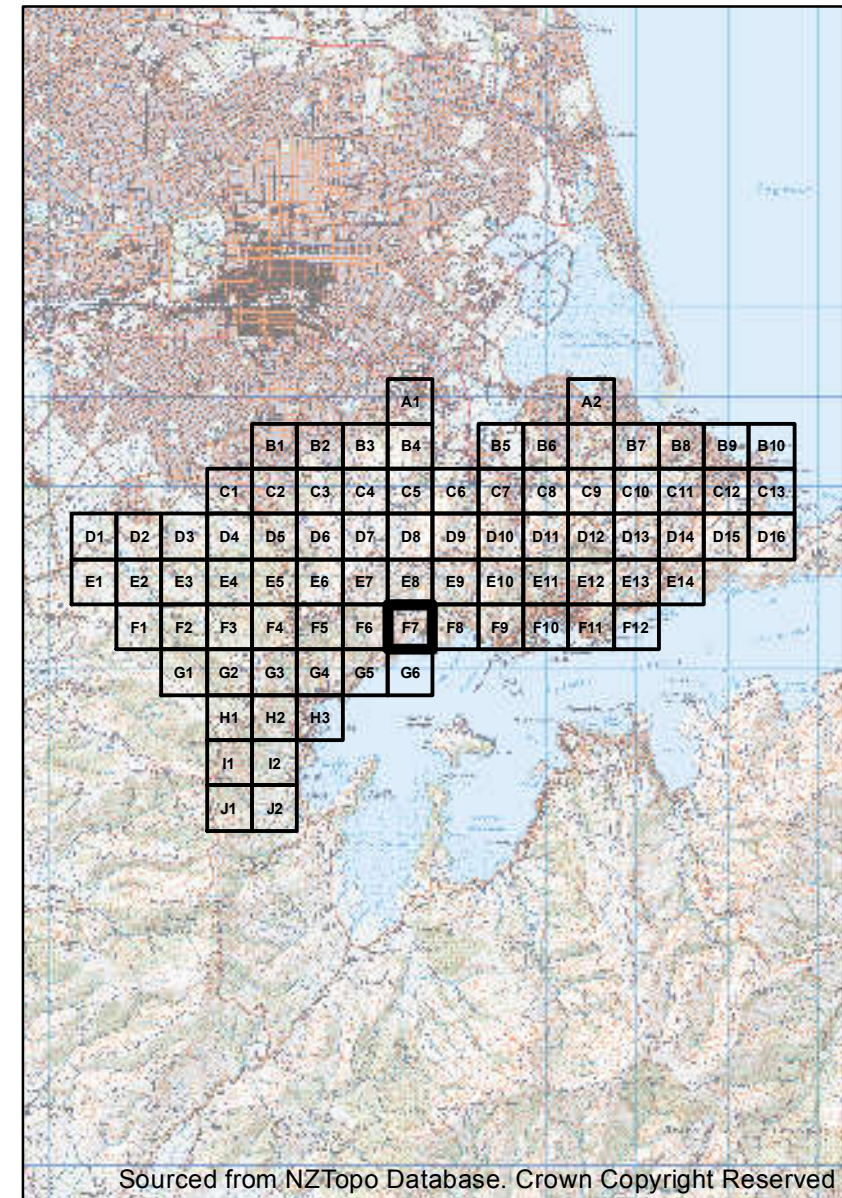
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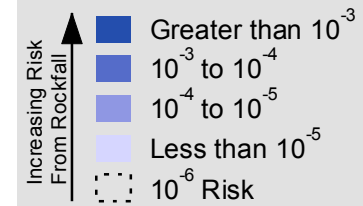
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See Map: G6



See Map: F8

Annual Risk Yr5



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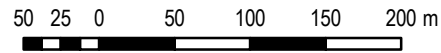


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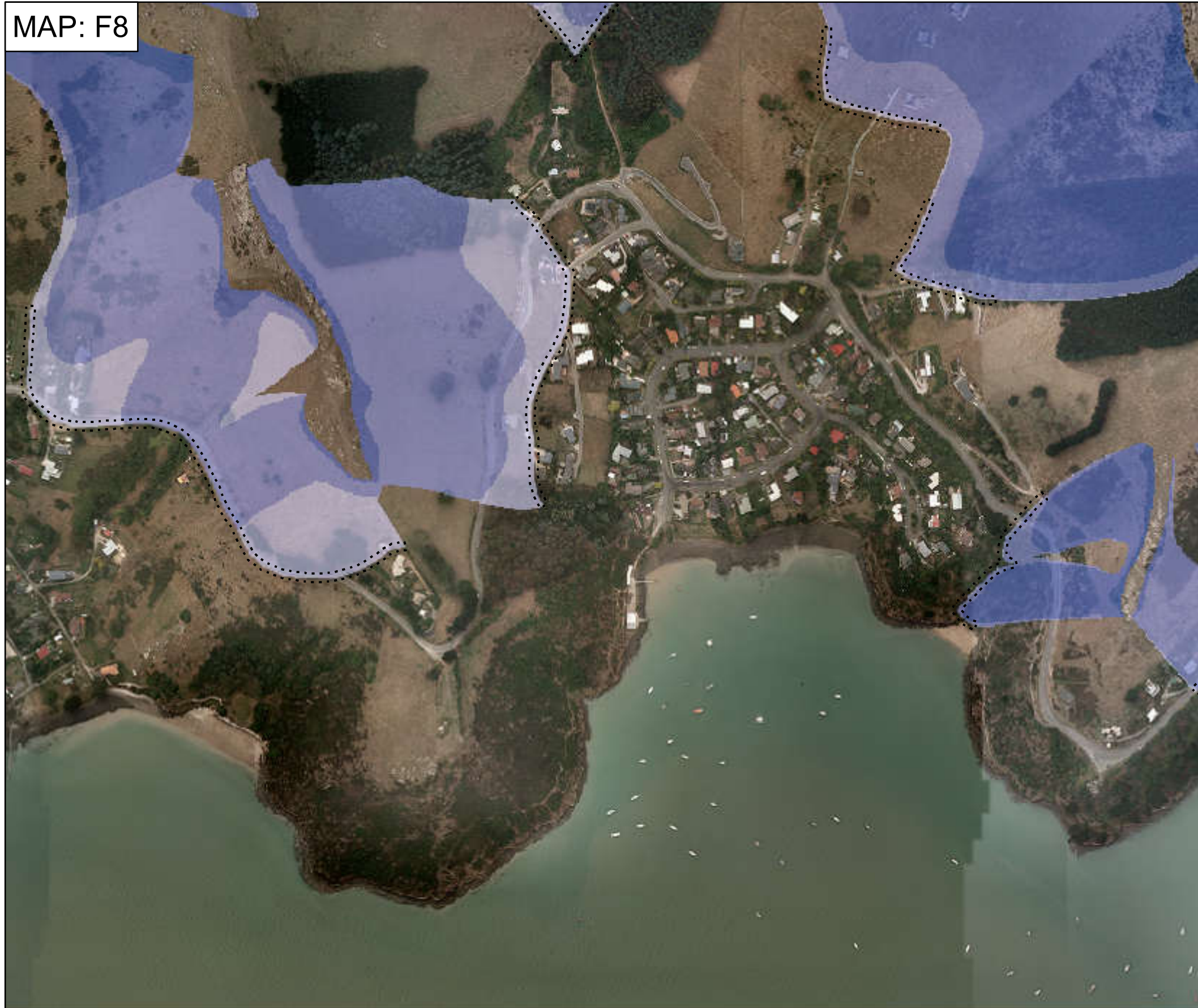


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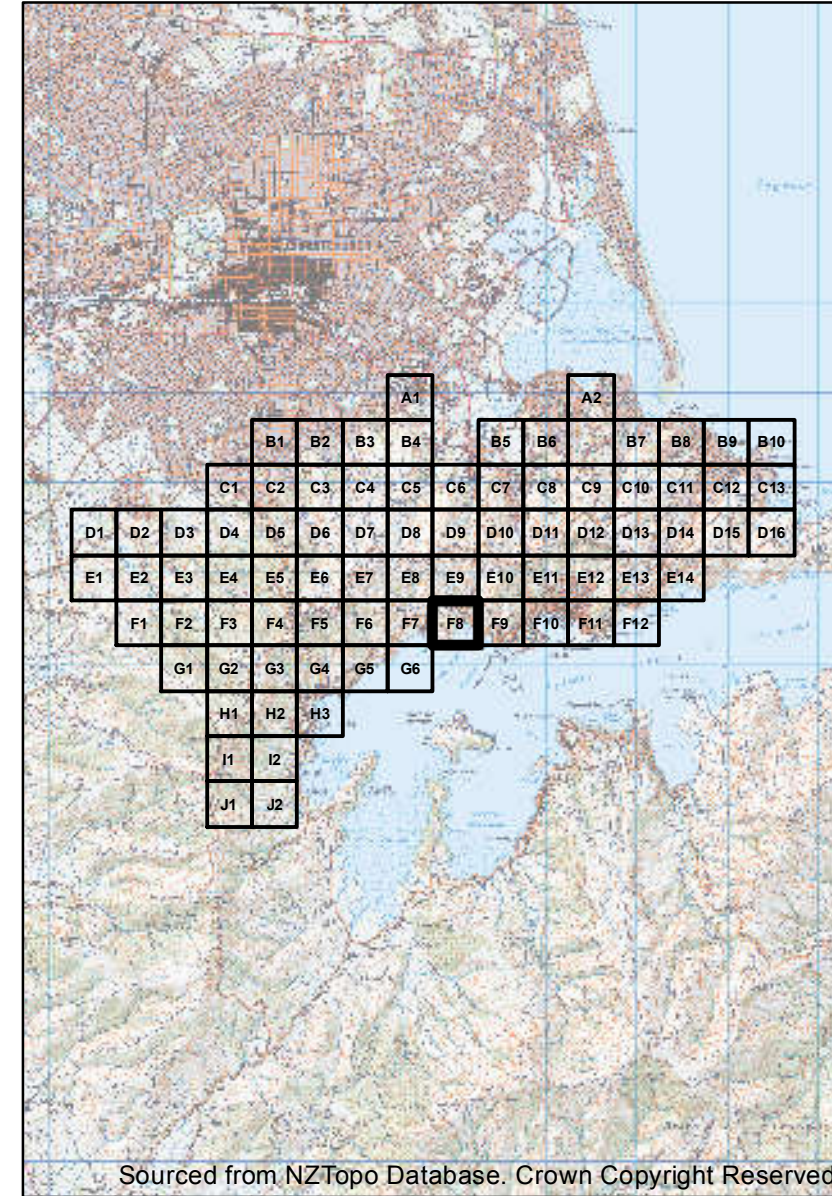
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See Map: E9

MAP: F8

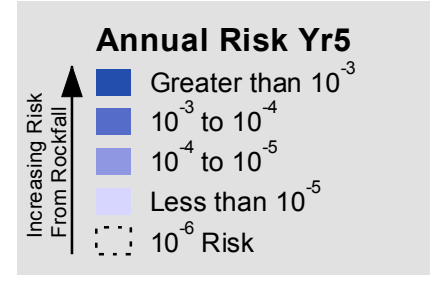


See Map: F7



See Map: F9

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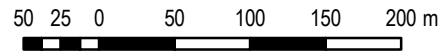
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Projection: New Zealand Transverse Mercator
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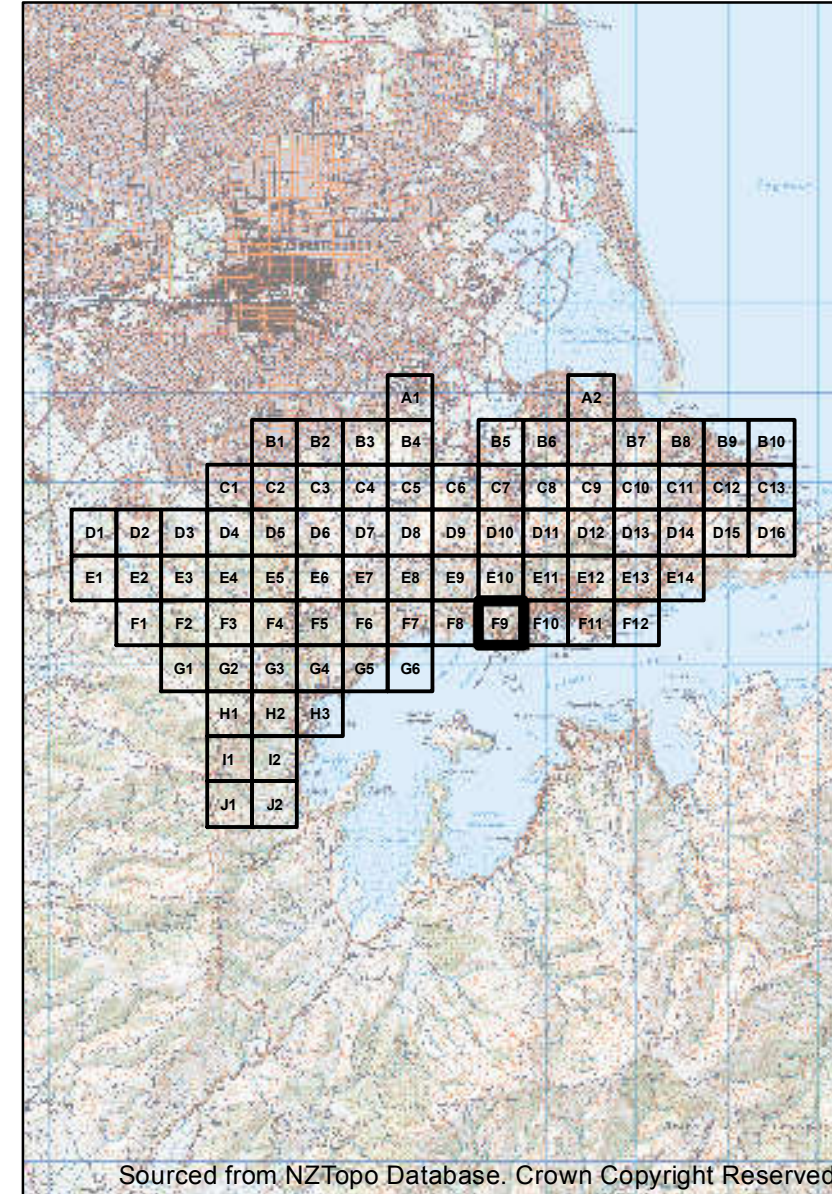
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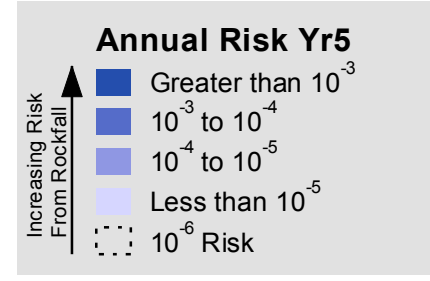
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See Map:



See Map: F10

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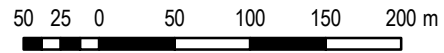


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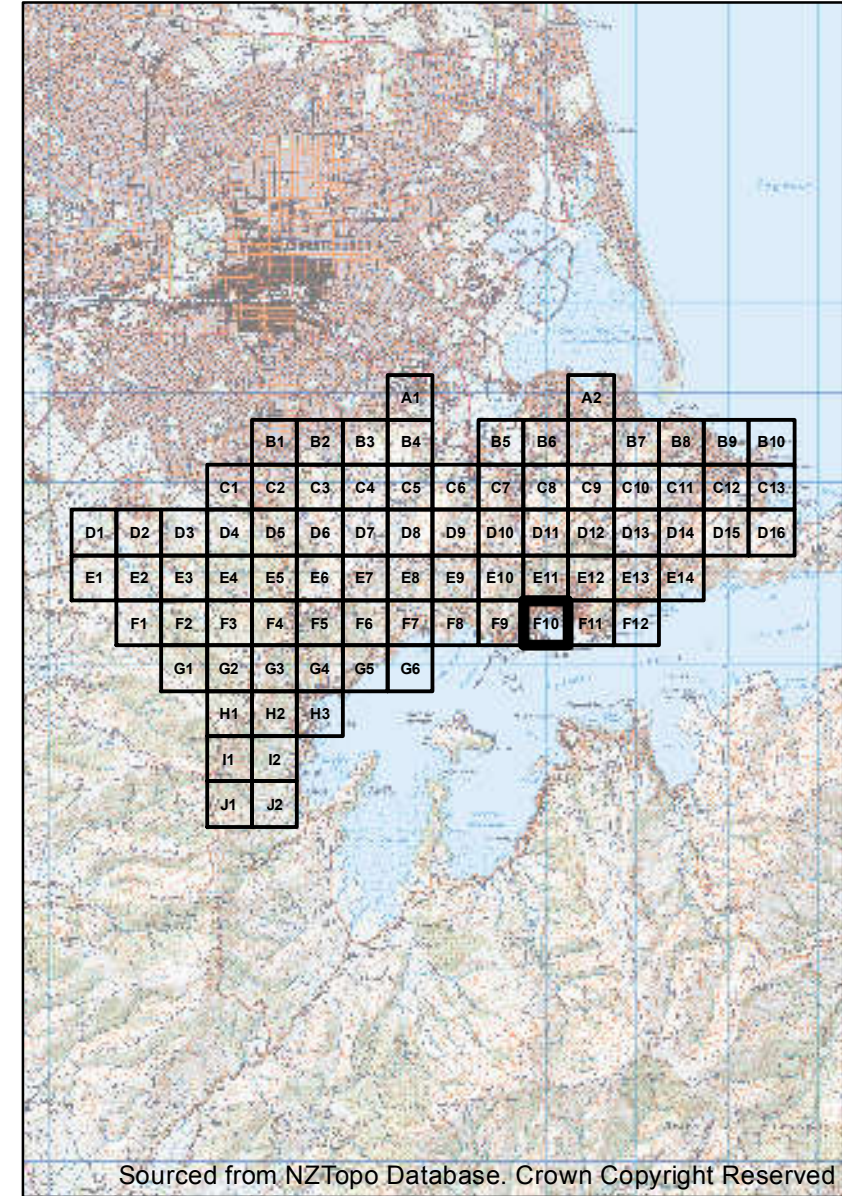
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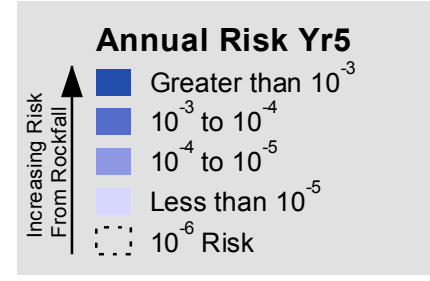
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See Map: F11

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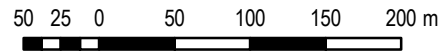
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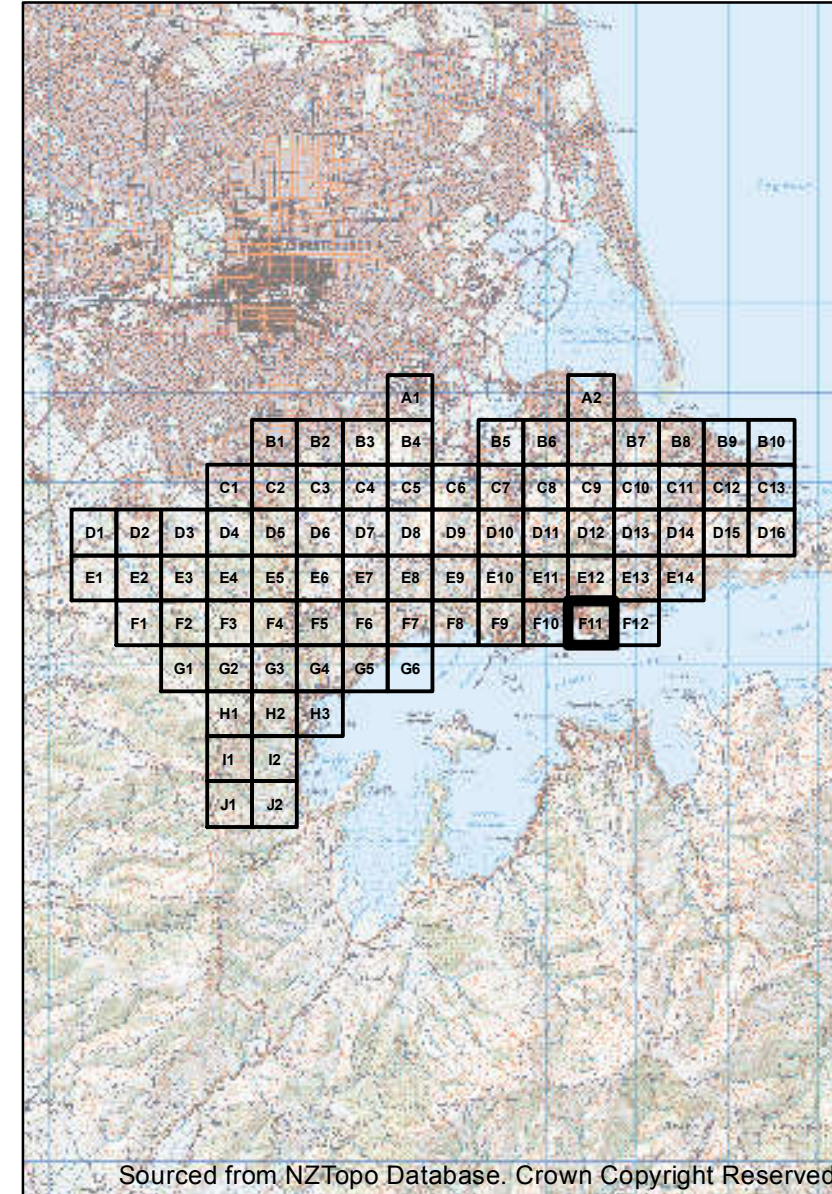
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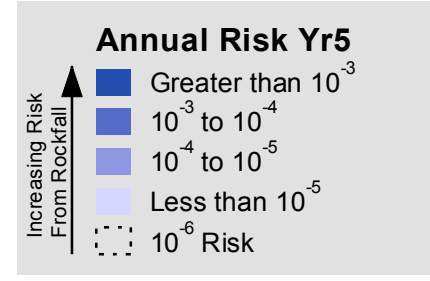
See Map: F10

See Map:



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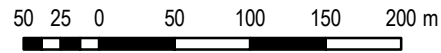
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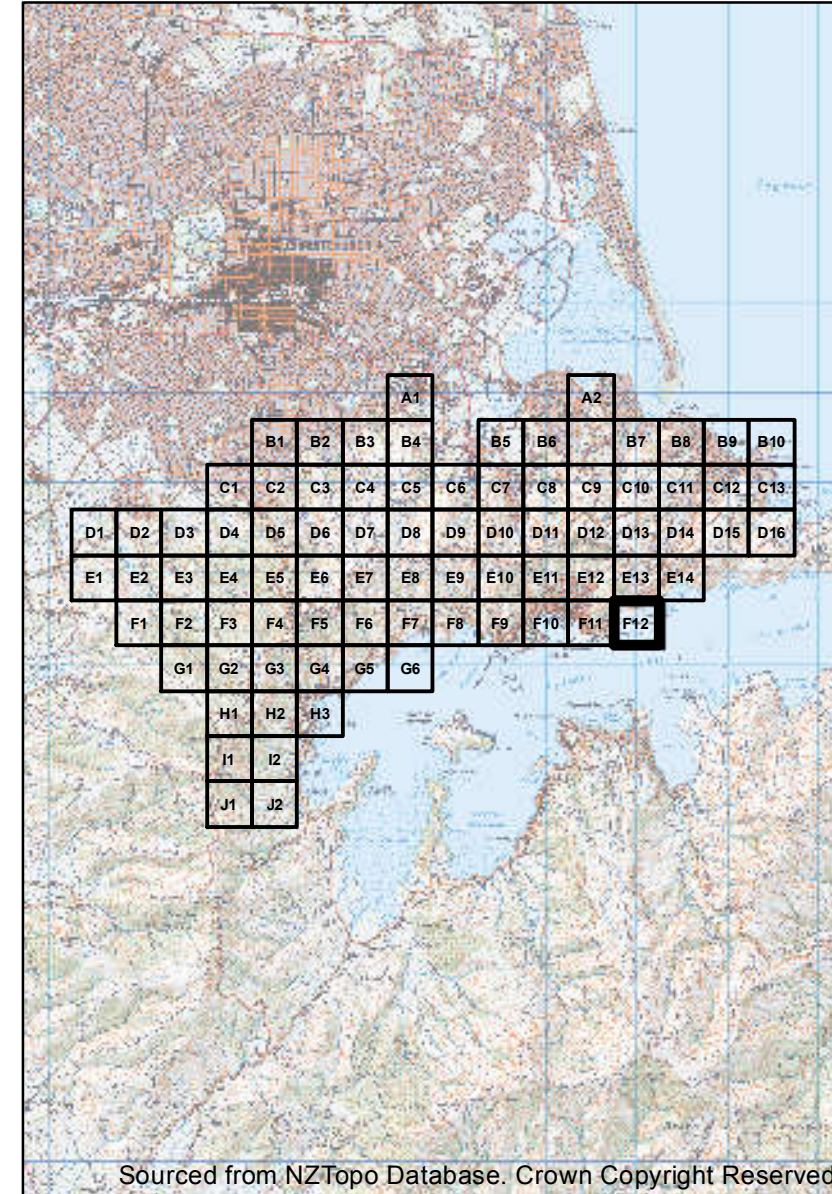
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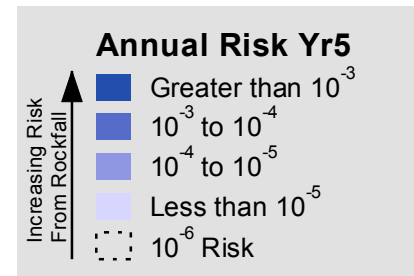


See Map: F11

See Map:



See Map:



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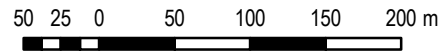


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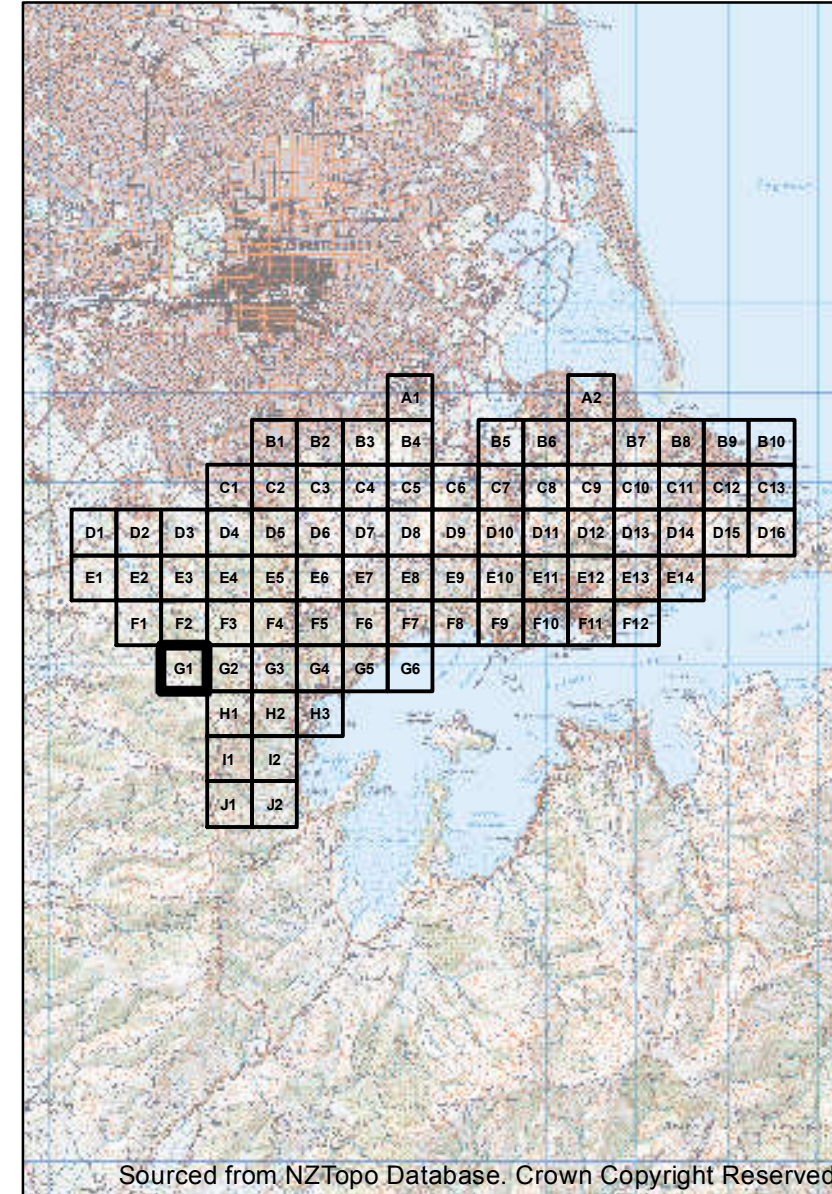
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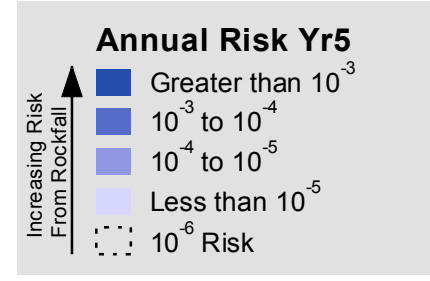
See Map:

See Map:



See Map: G2

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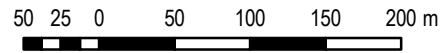
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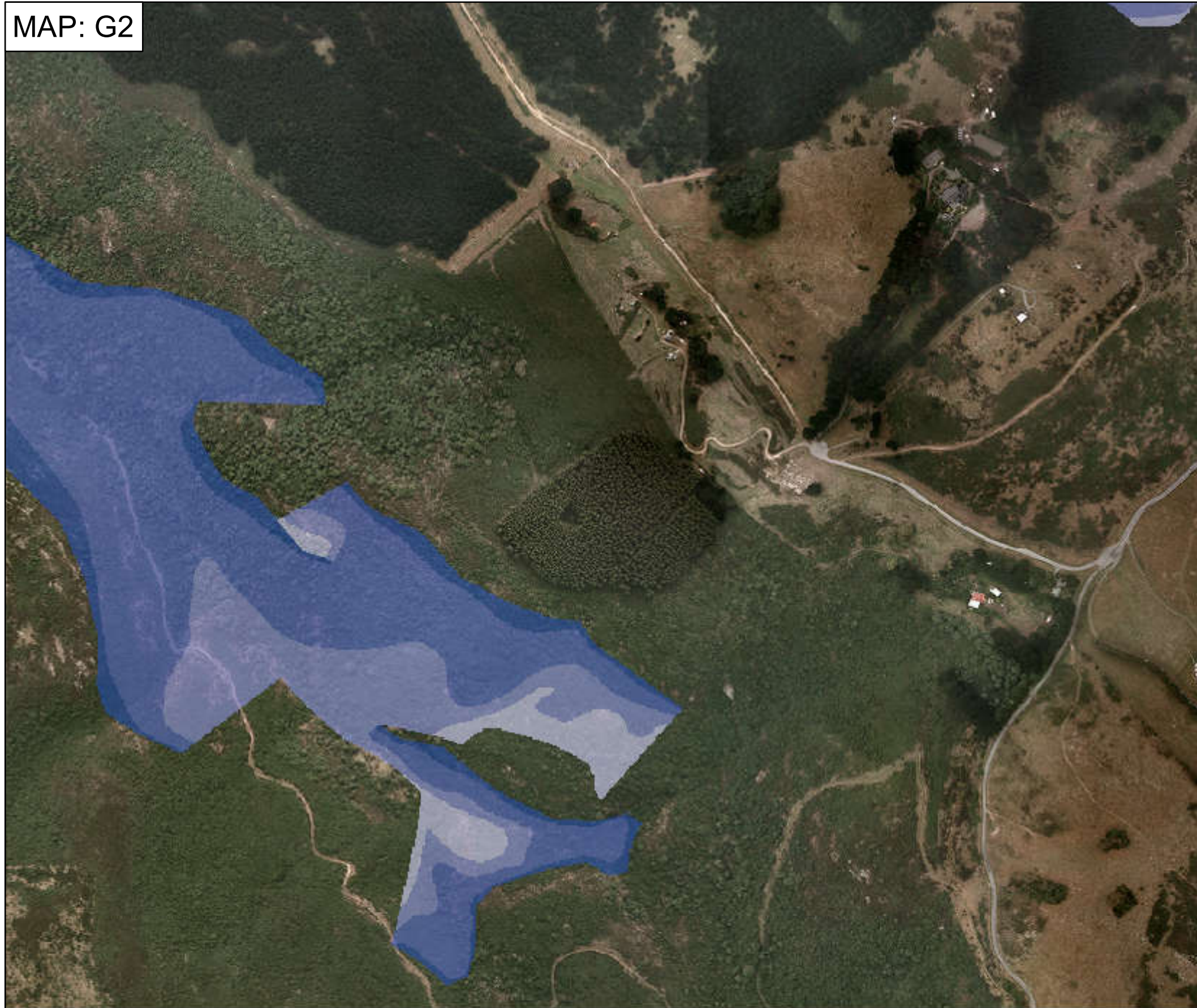


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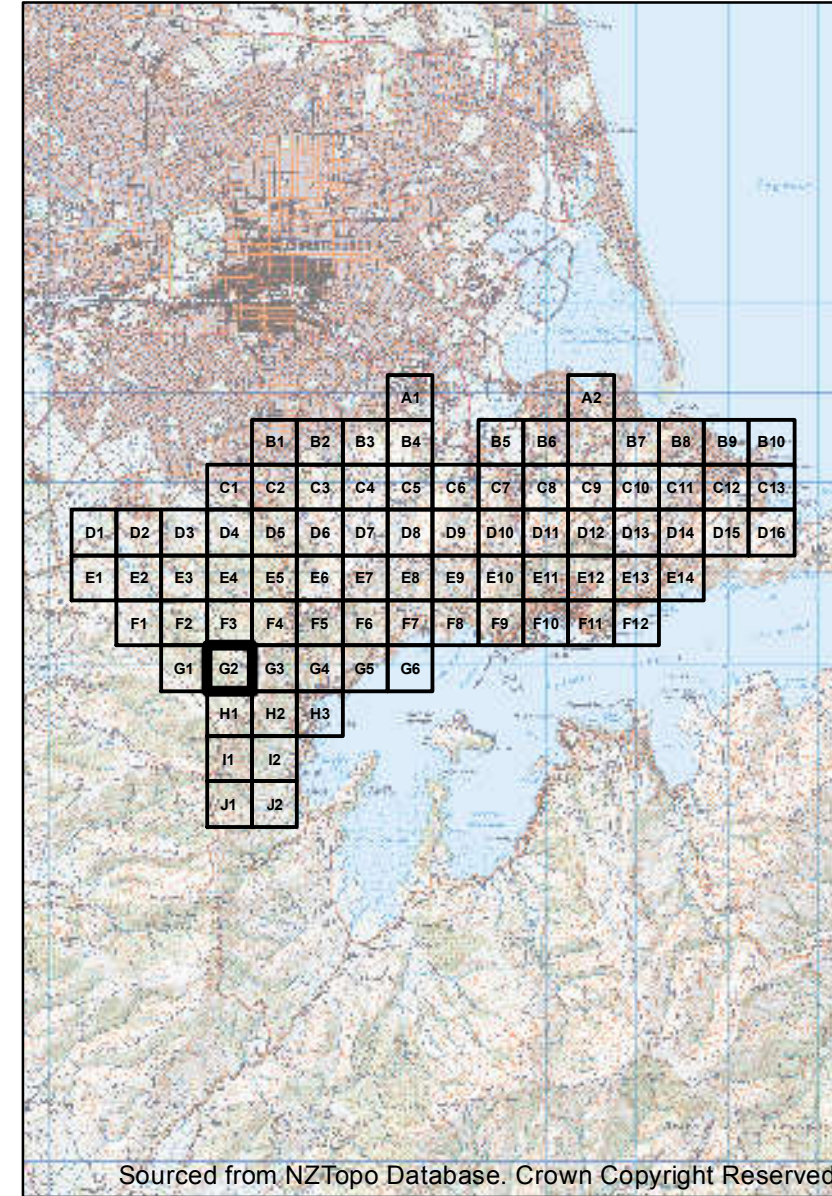
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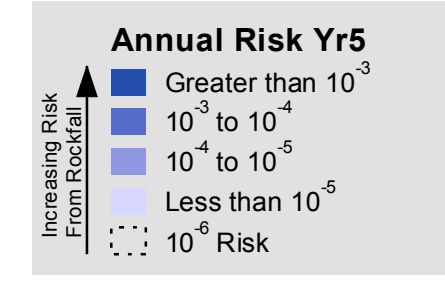
See Map: G1

See Map: H1



See Map: G3

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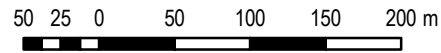
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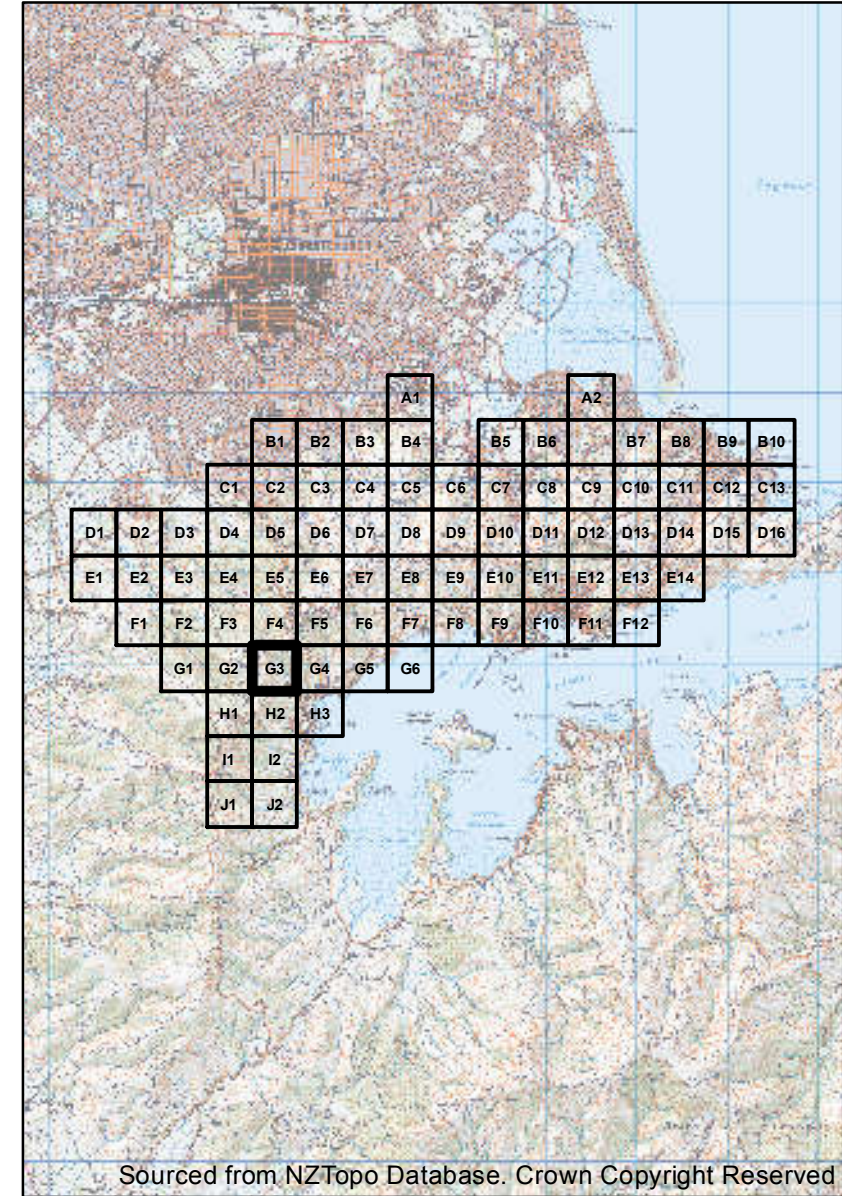
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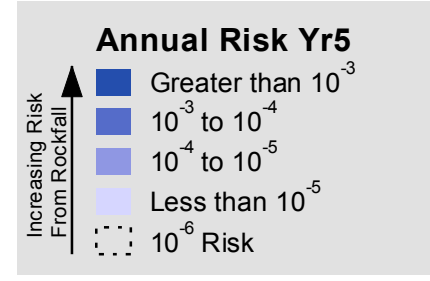
See Map: G2

See Map: H2



See Map: G4

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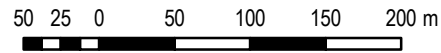
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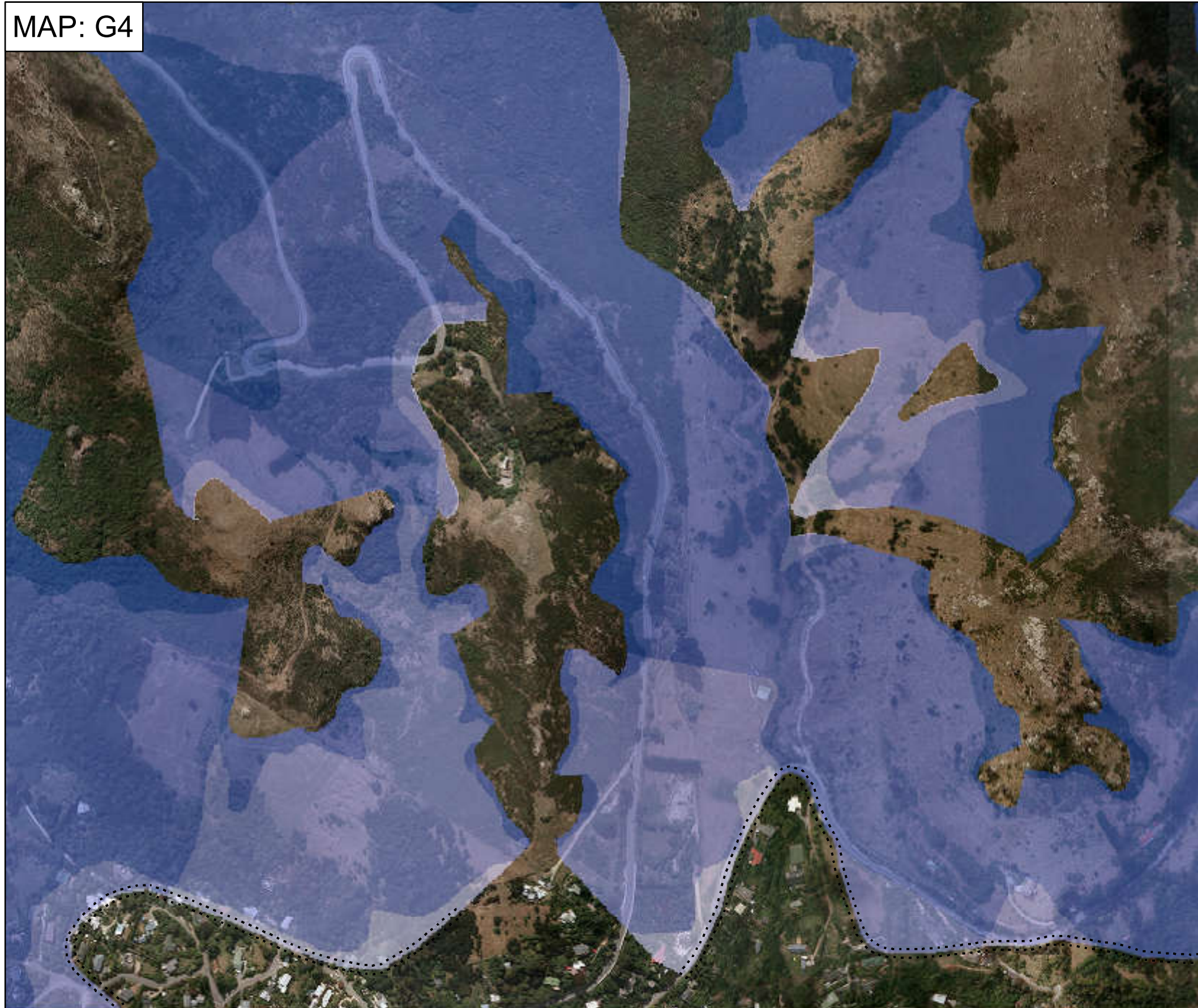


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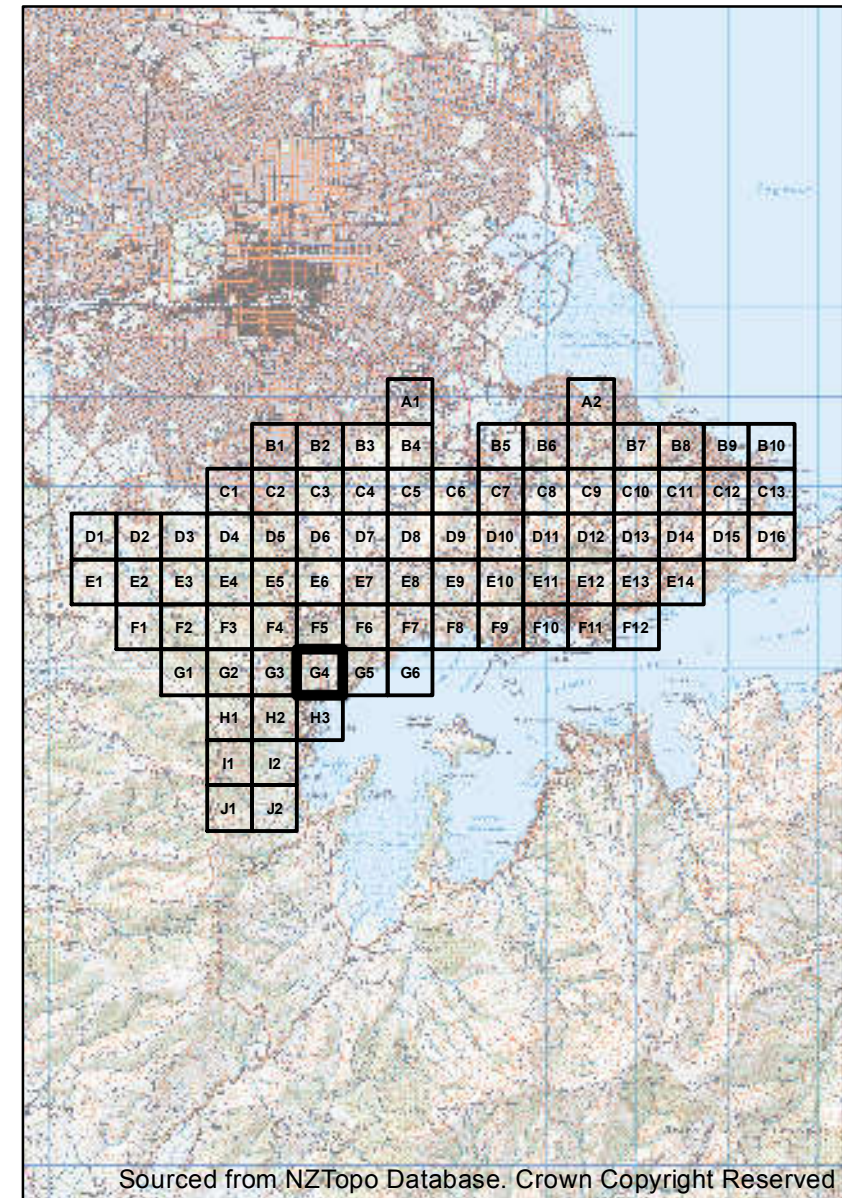
See Map: F5

MAP: G4



See Map: G3

See Map: H3



See Map: G5

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Annual Risk Yr5

- Greater than 10^{-3}
- 10^{-3} to 10^{-4}
- 10^{-4} to 10^{-5}
- Less than 10^{-5}
- 10^{-6} Risk

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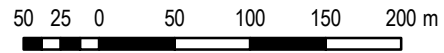


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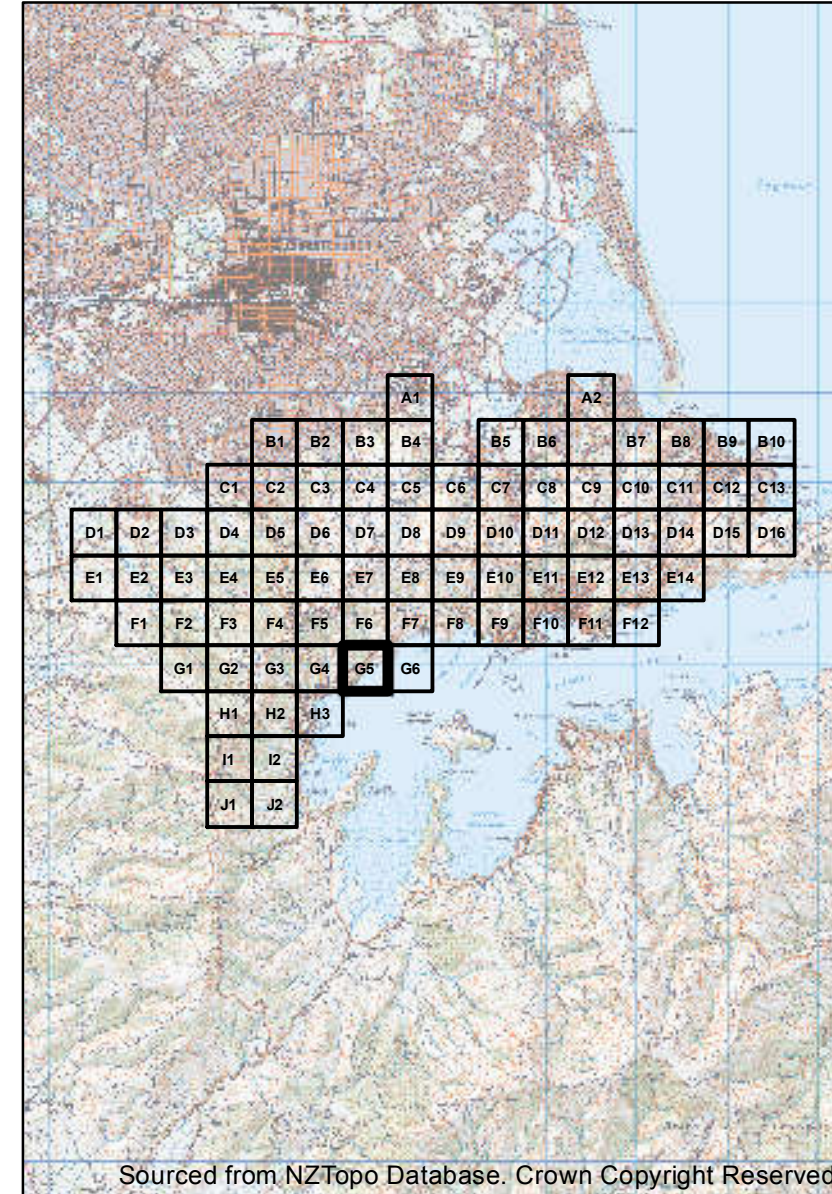
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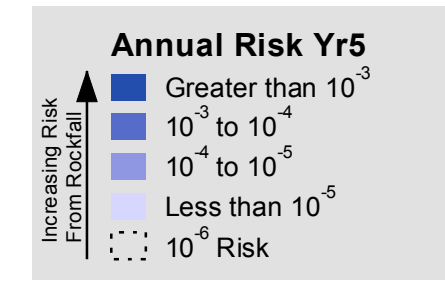
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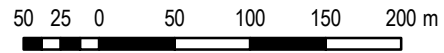


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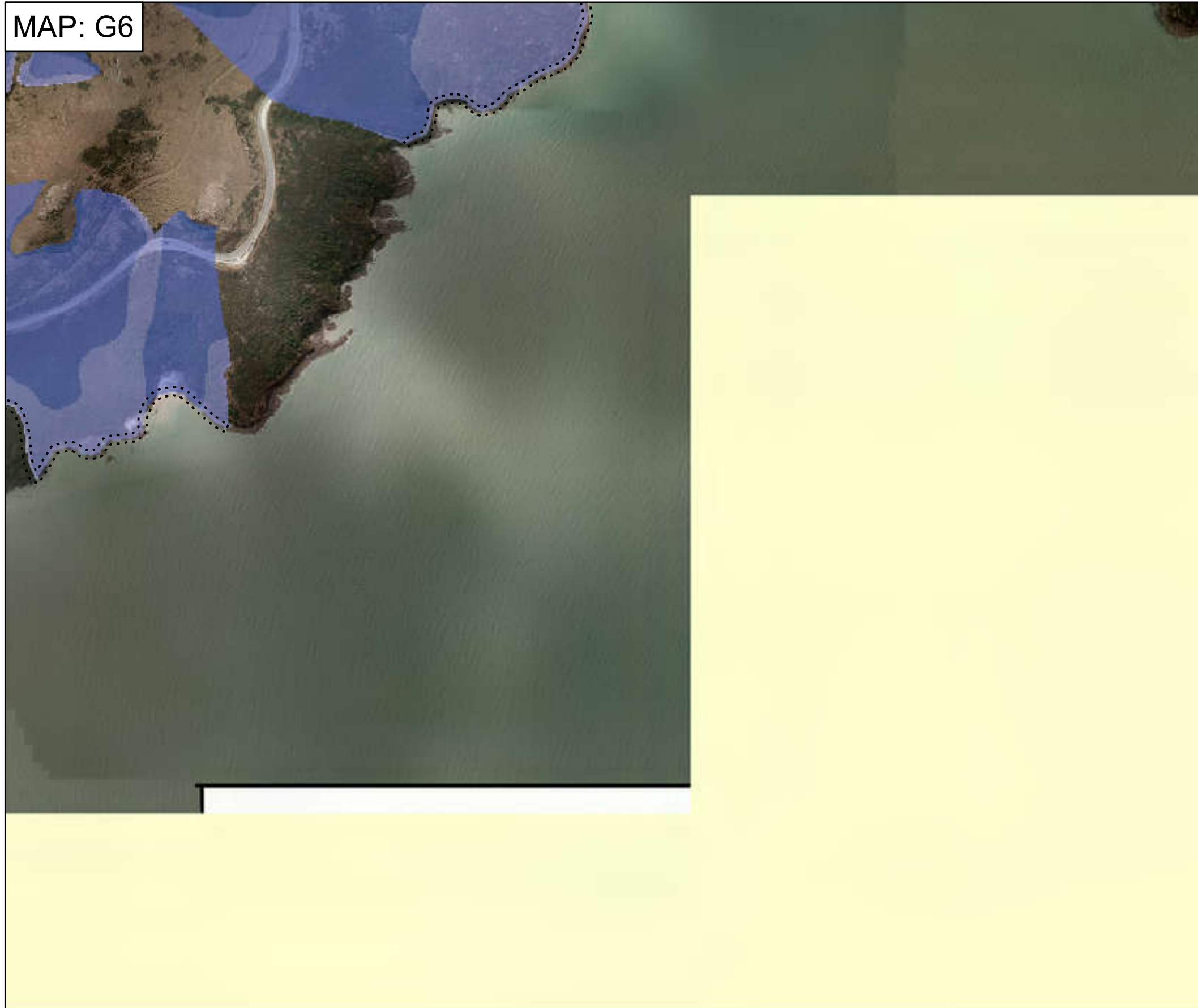


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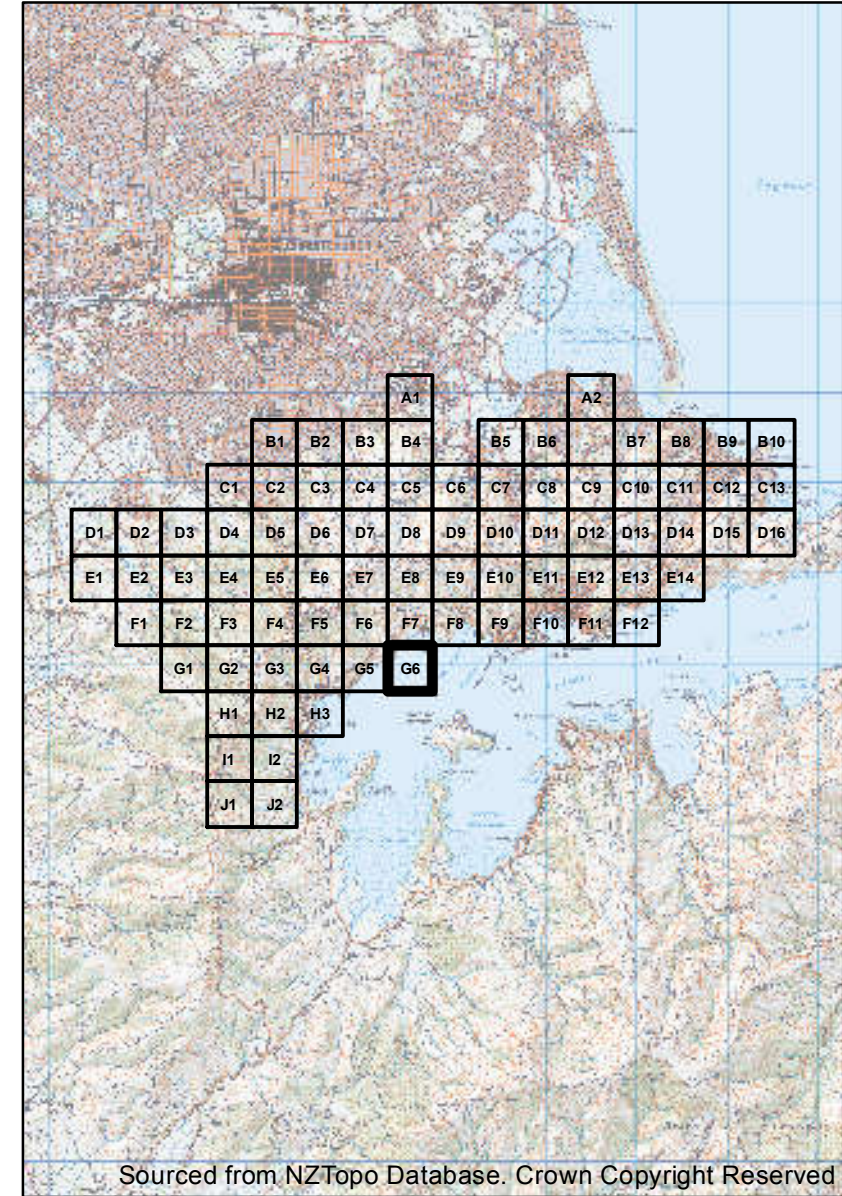
See Map: F7

MAP: G6



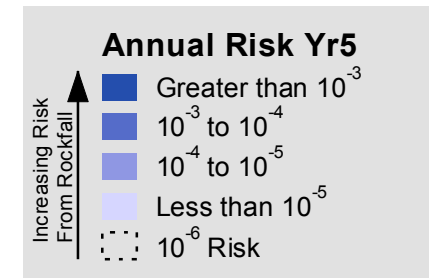
See Map: G5

See Map:



See Map:

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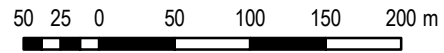


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Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

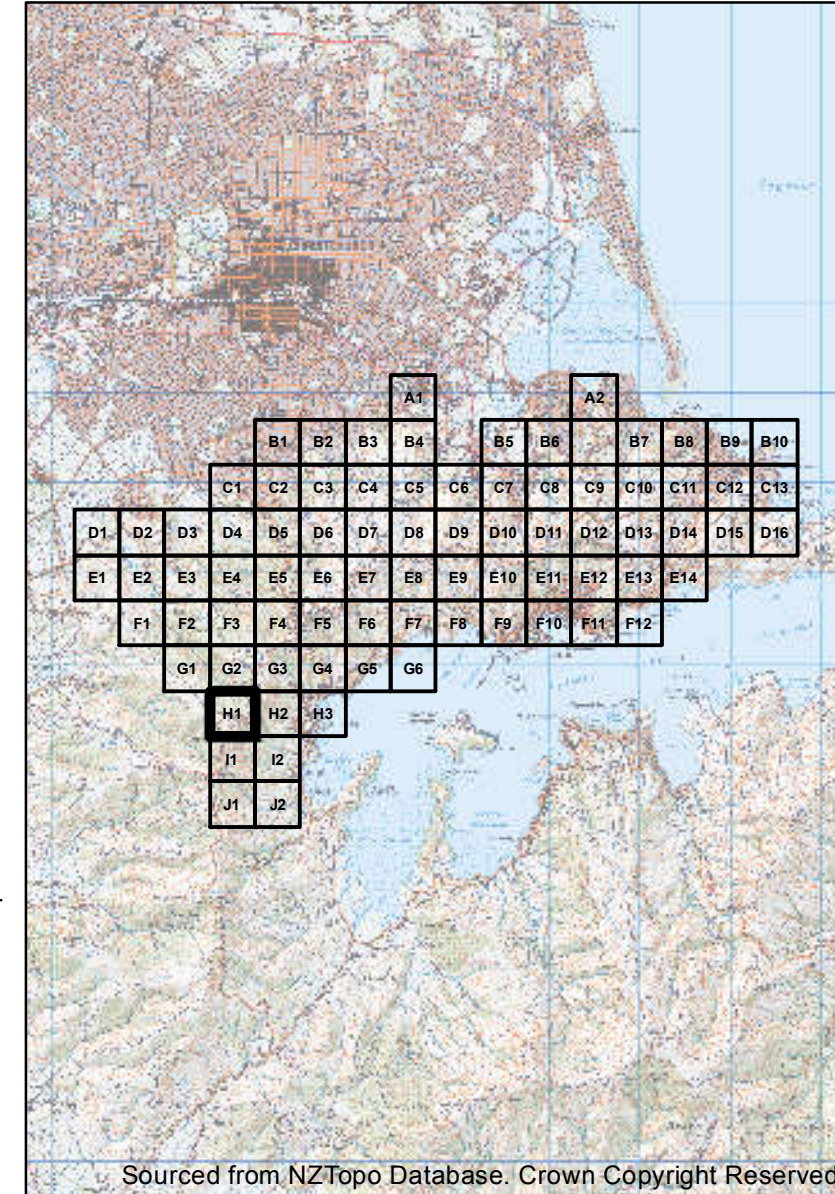
See Map: G2

MAP: H1



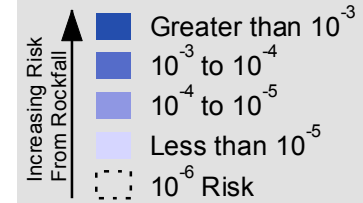
See Map:

See Map: I1



See Map: H2

Annual Risk Yr5



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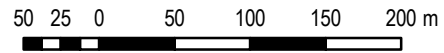


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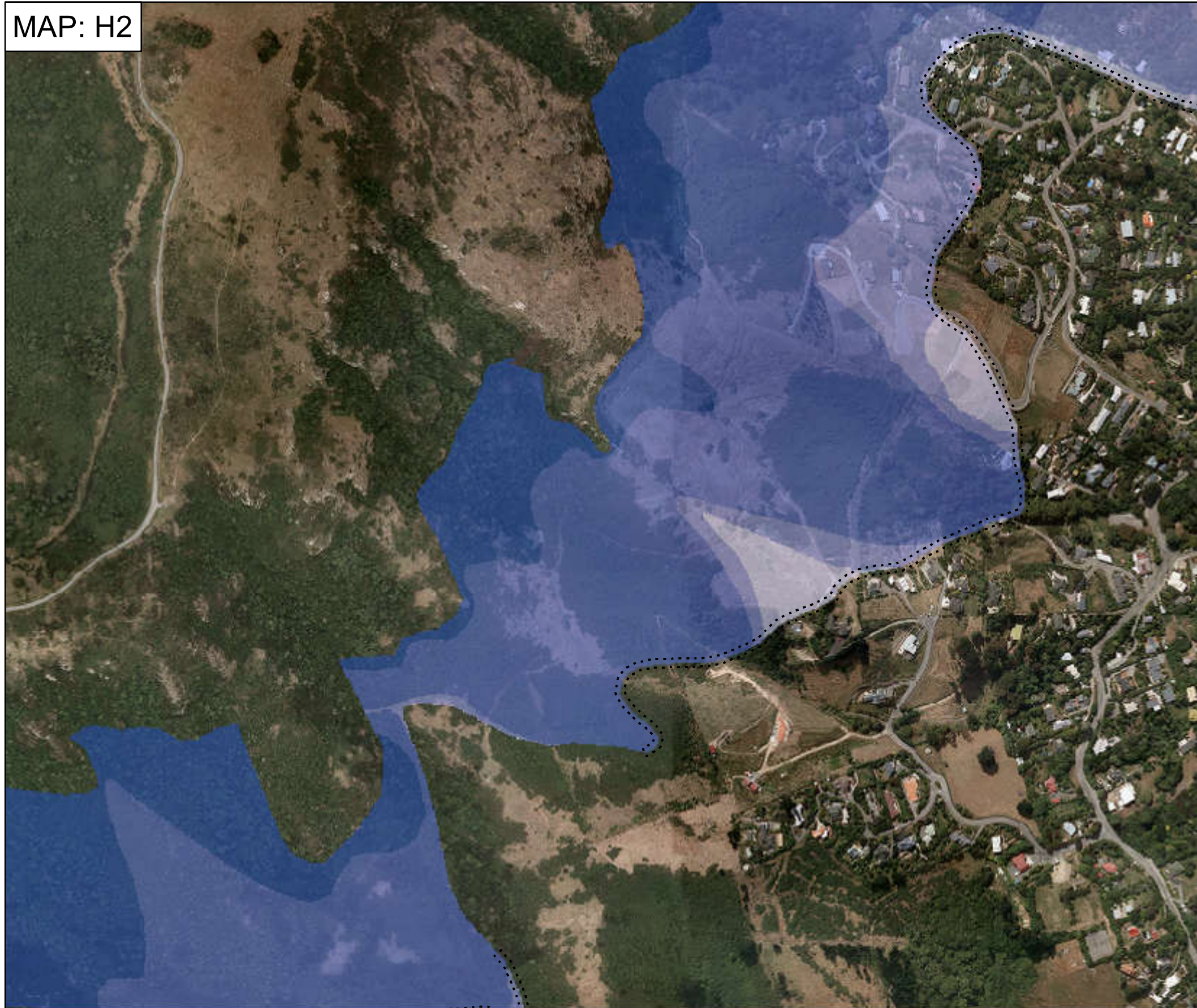


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

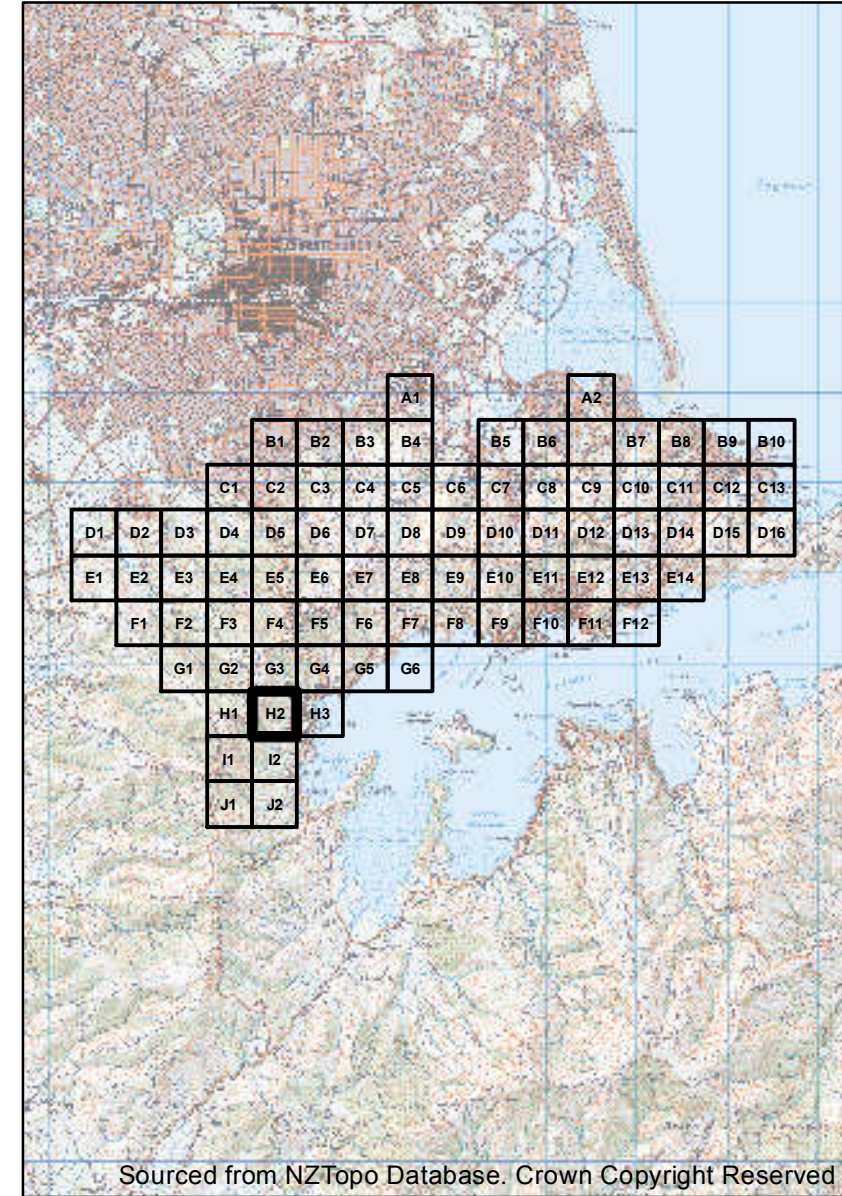
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MAP: H2



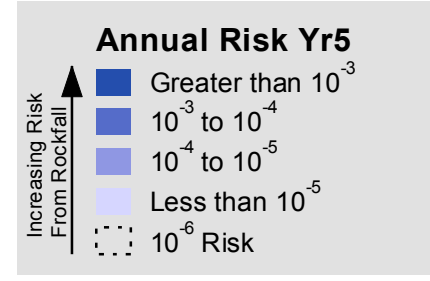
See Map: H1

See Map: I2



See Map: H3

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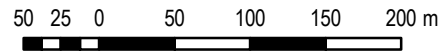


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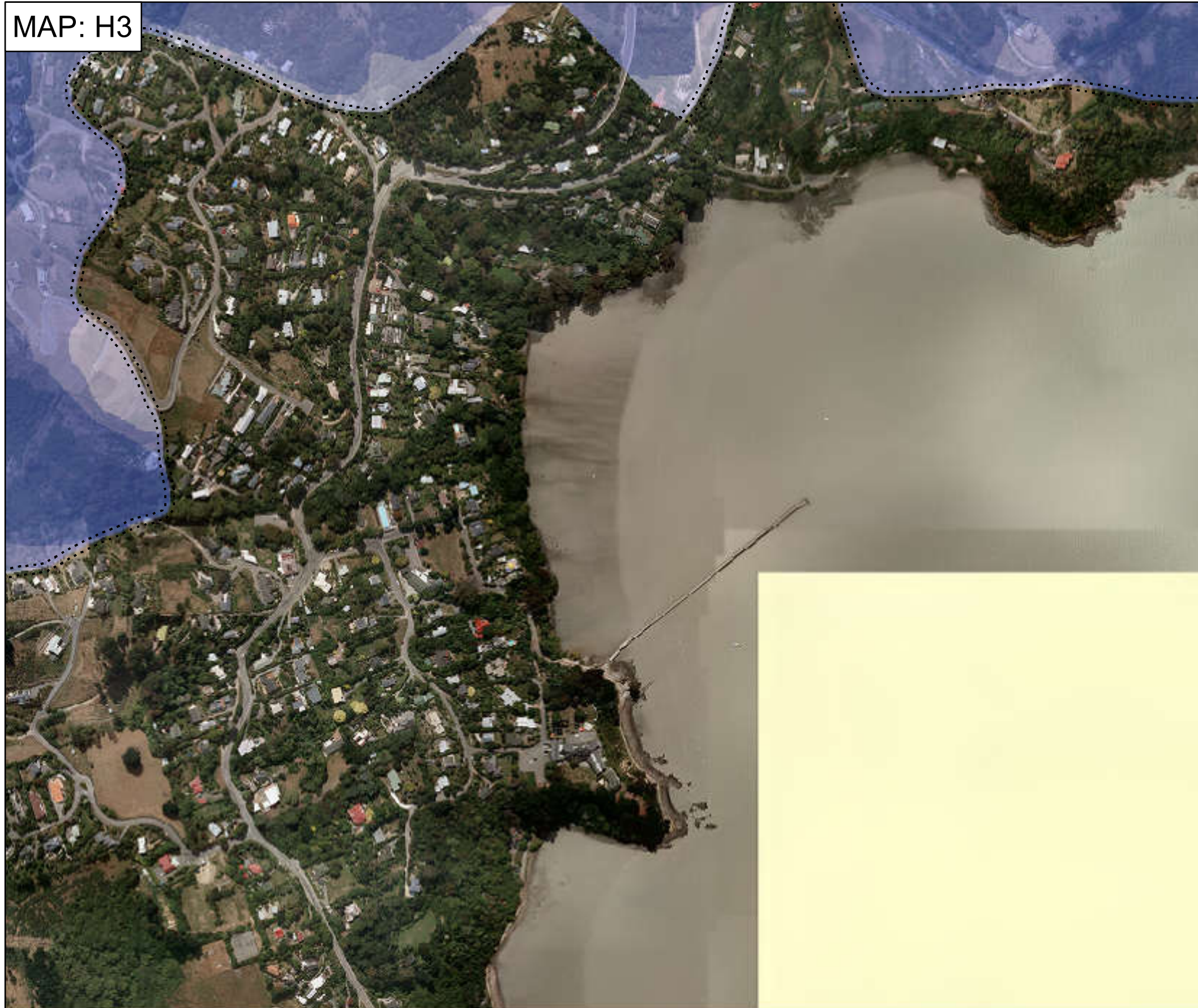


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

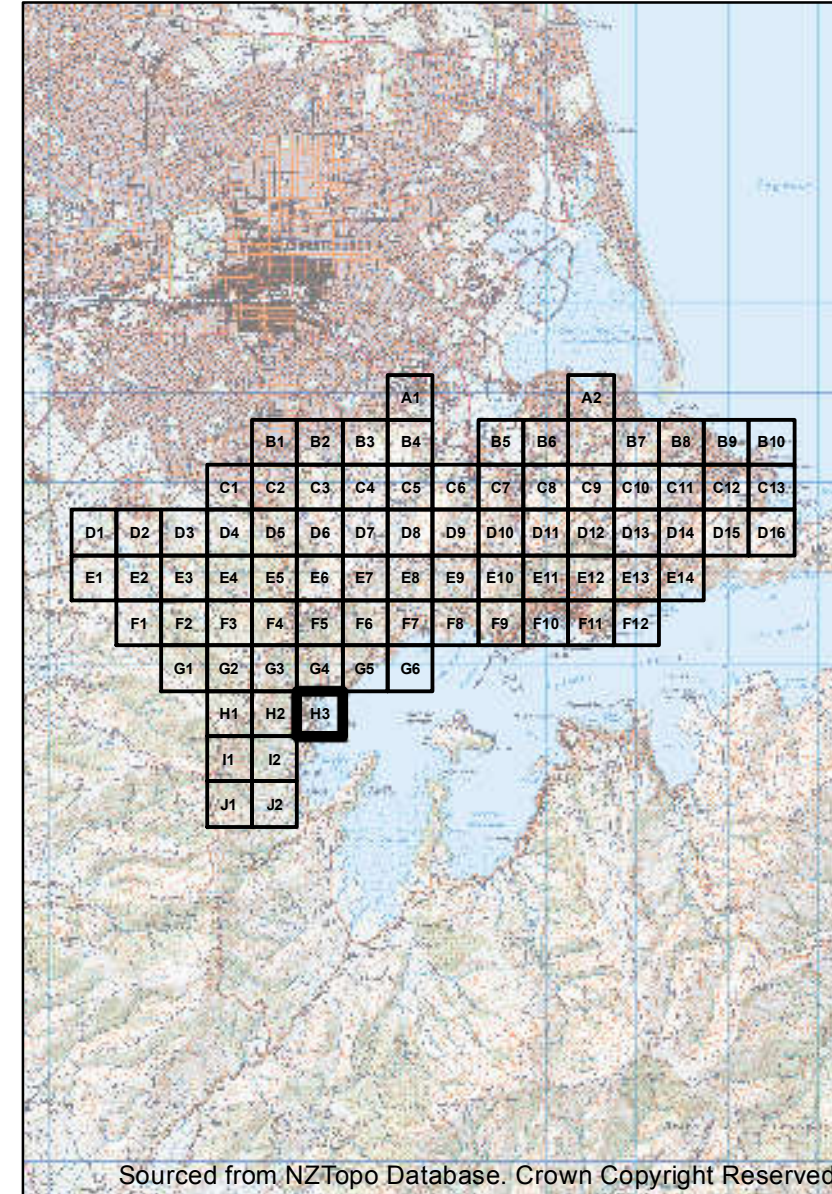
See Map: G4

MAP: H3



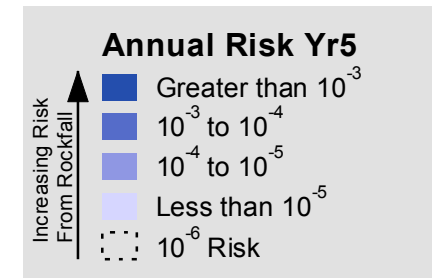
See Map: H2

See Map:



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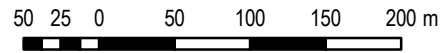


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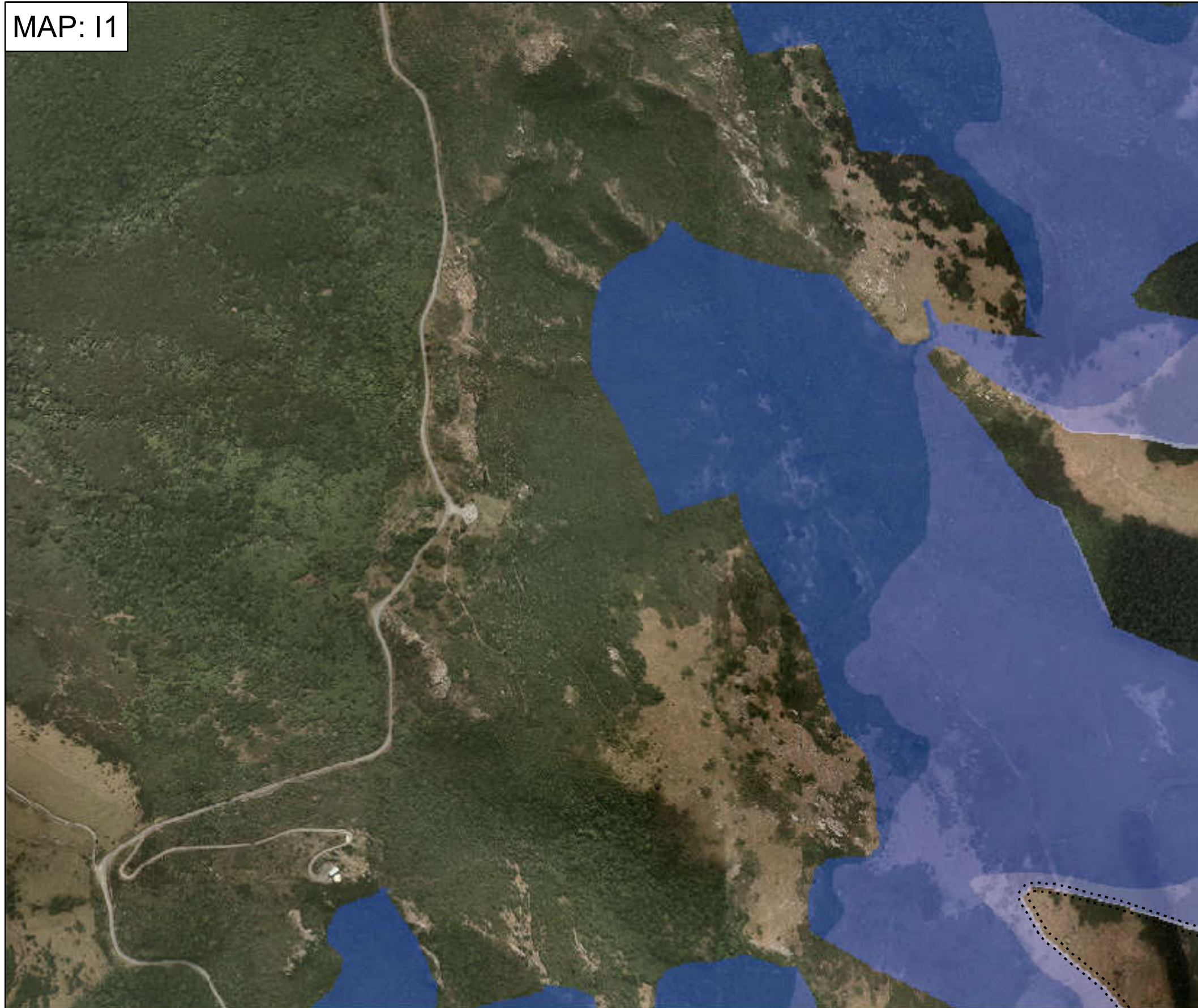


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
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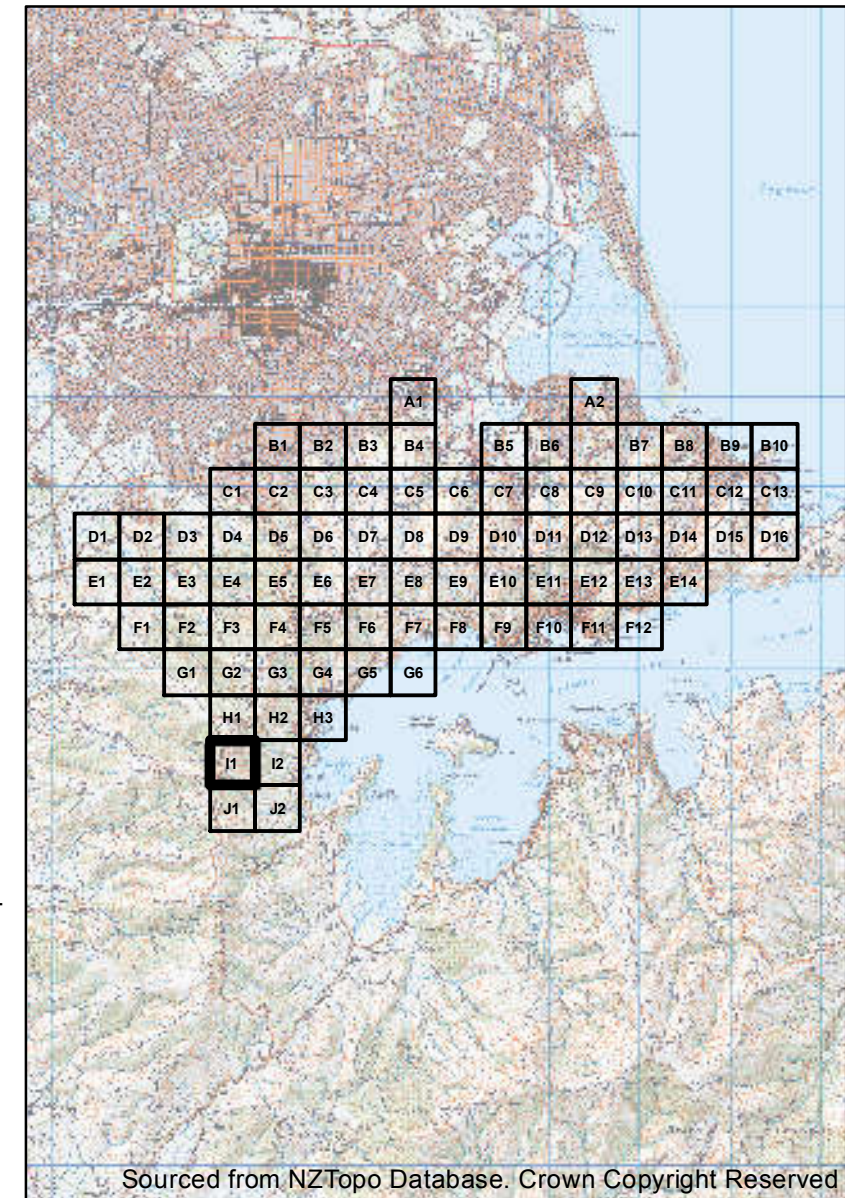
See Map: H1

MAP: I1



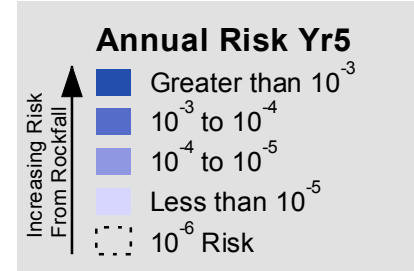
See Map:

See Map: J1



See Map: I2

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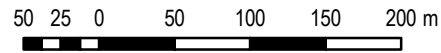


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Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

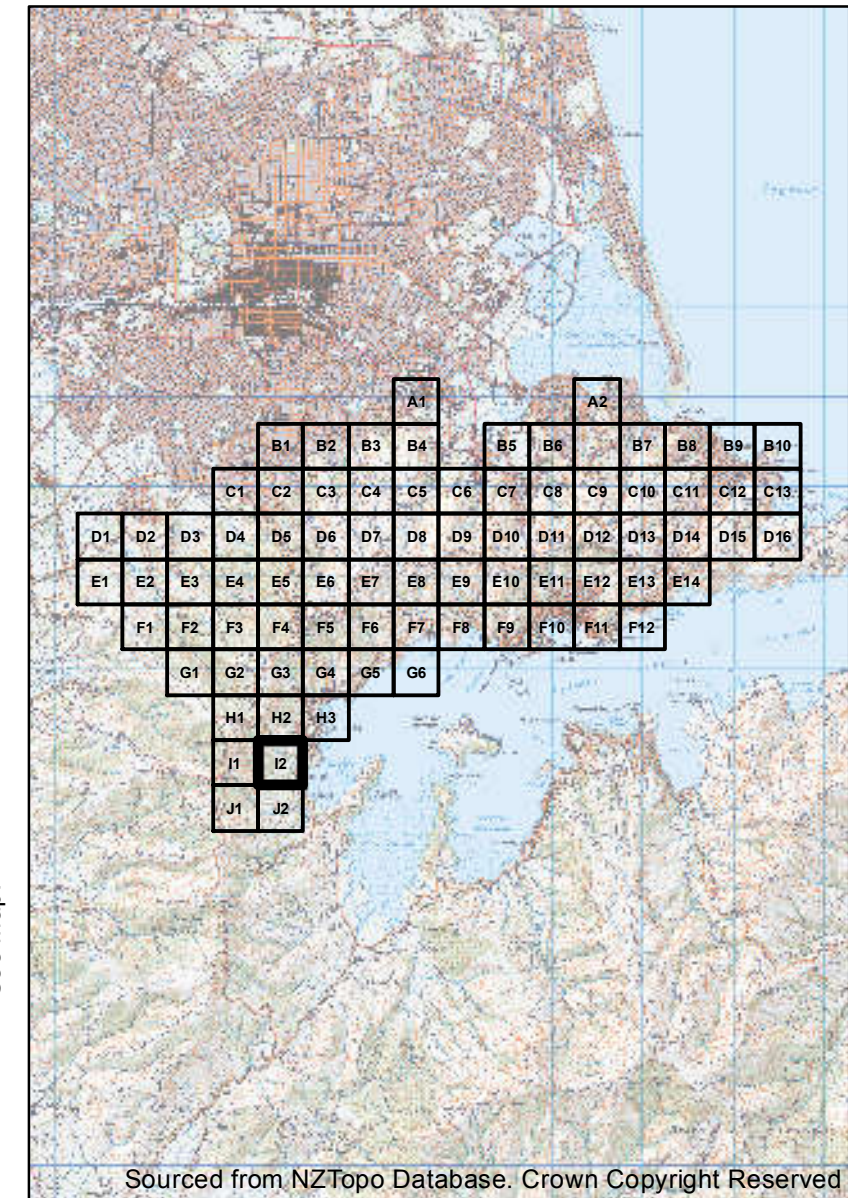
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MAP: I2



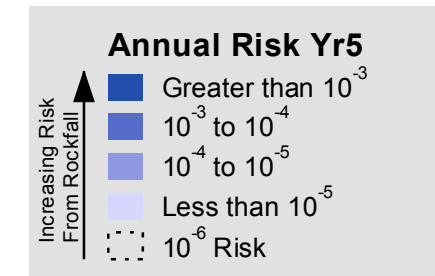
See Map: I1

See Map: J2



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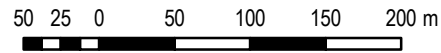


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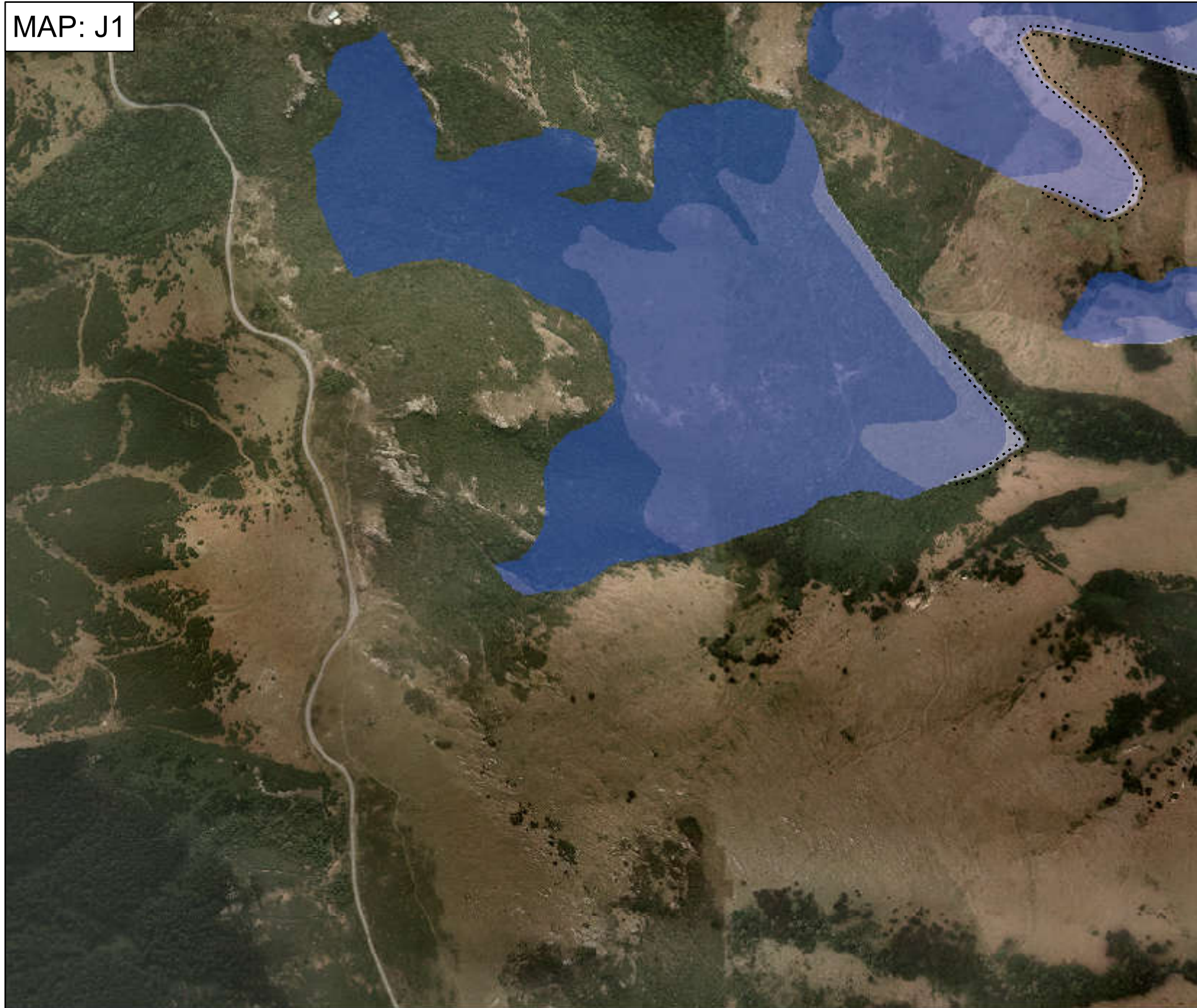


Rockfall Risk Map C To Accompany GNS Science Report CR2012-214

Projection: New Zealand Transverse Mercator
Datum: Geodetic Datum of New Zealand 2000
Map Produced: 17/07/2013

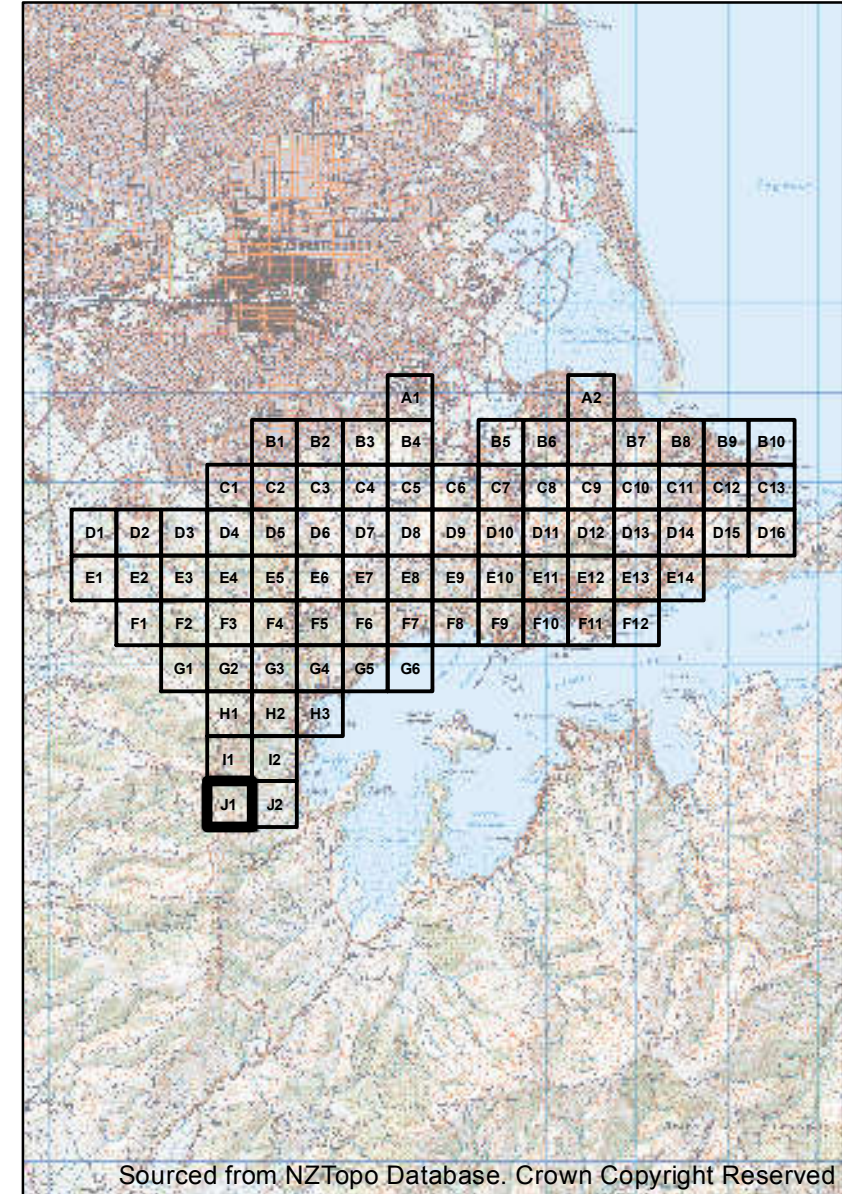
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MAP: J1



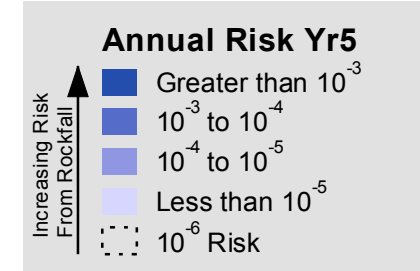
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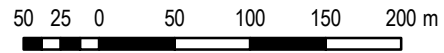


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Datum: Geodetic Datum of New Zealand 2000
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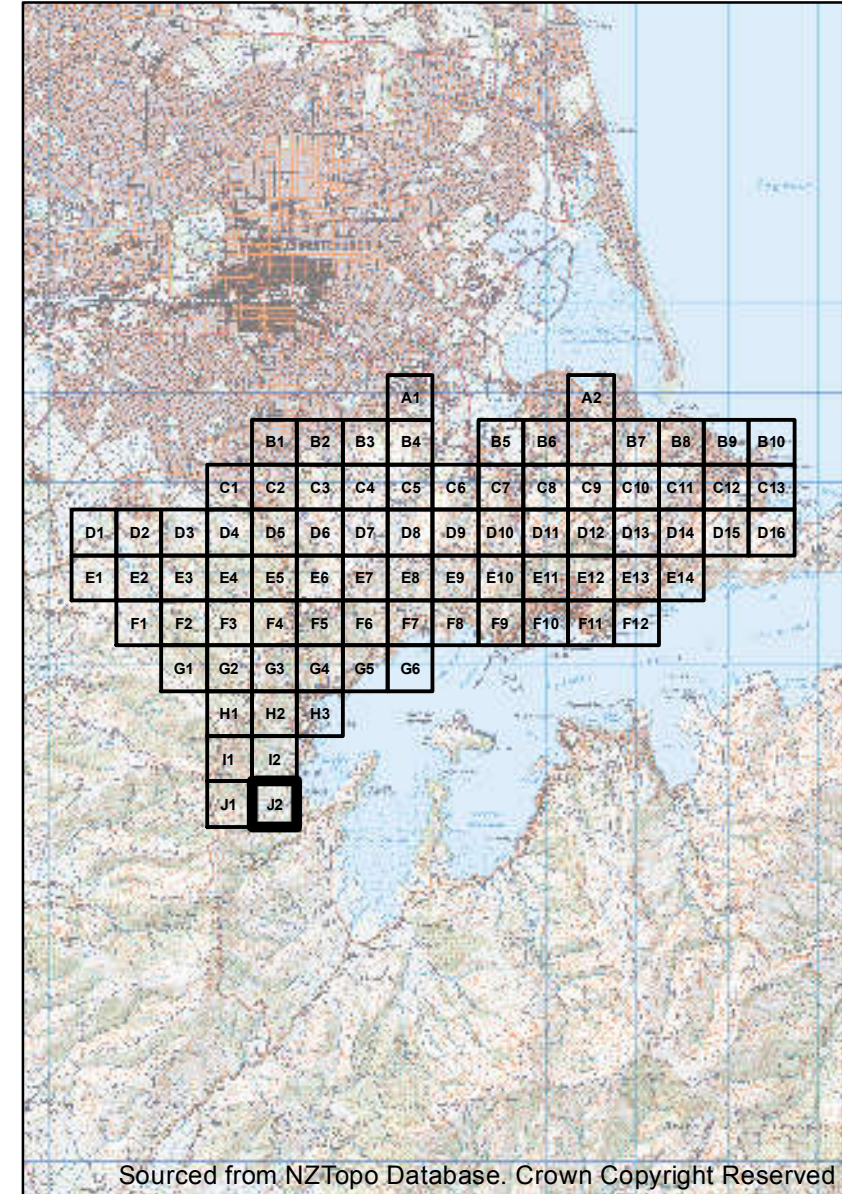
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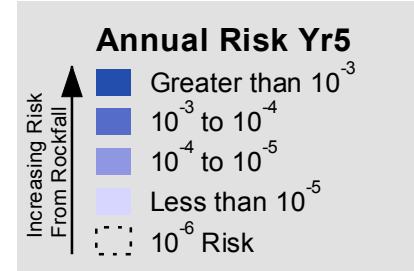
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