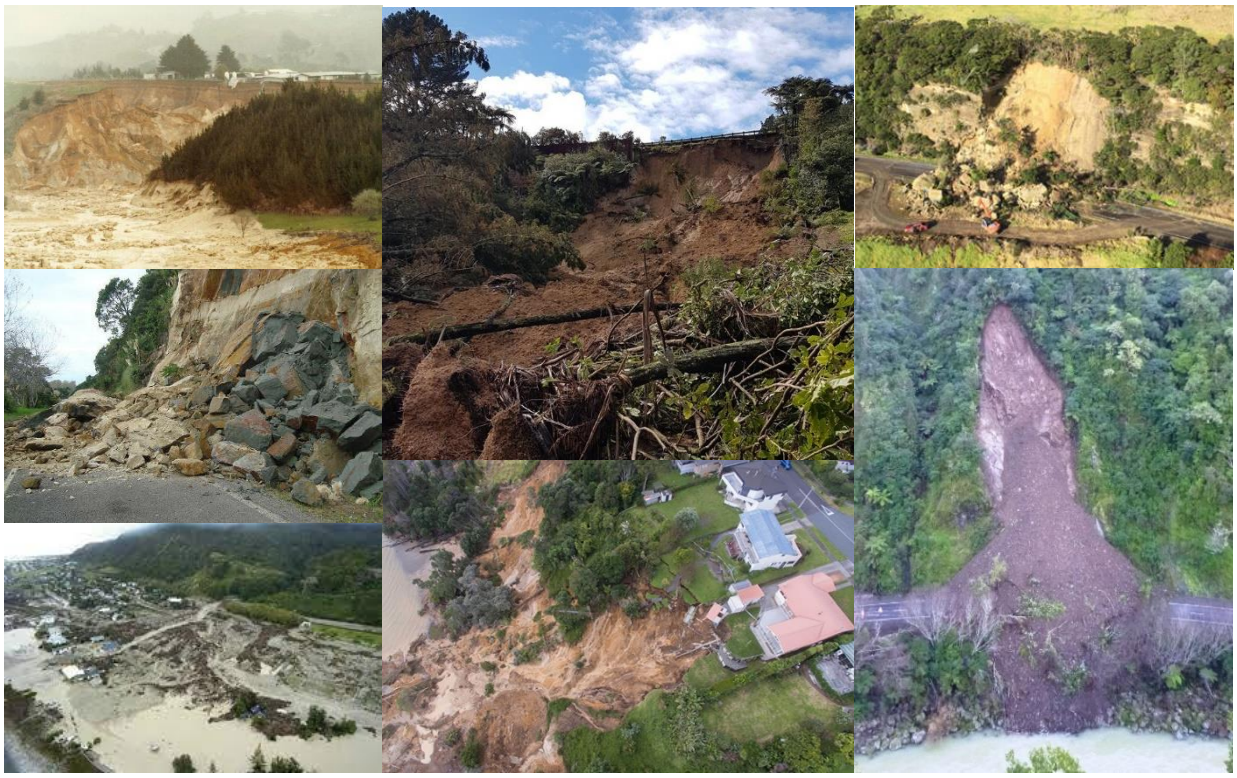
Project Number: 2-9Z696.00

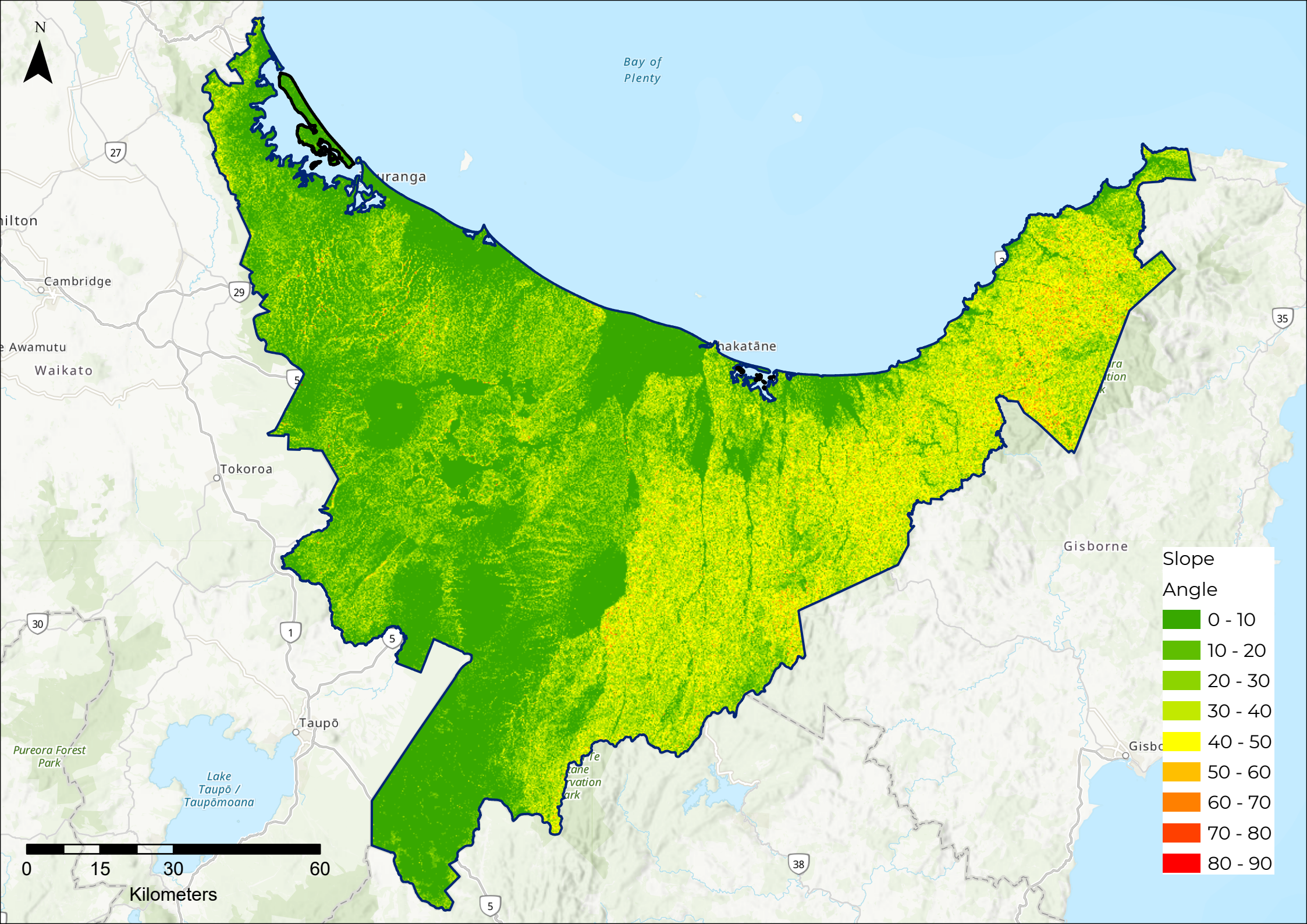
Bay of Plenty Regional Landslide Susceptibility Study

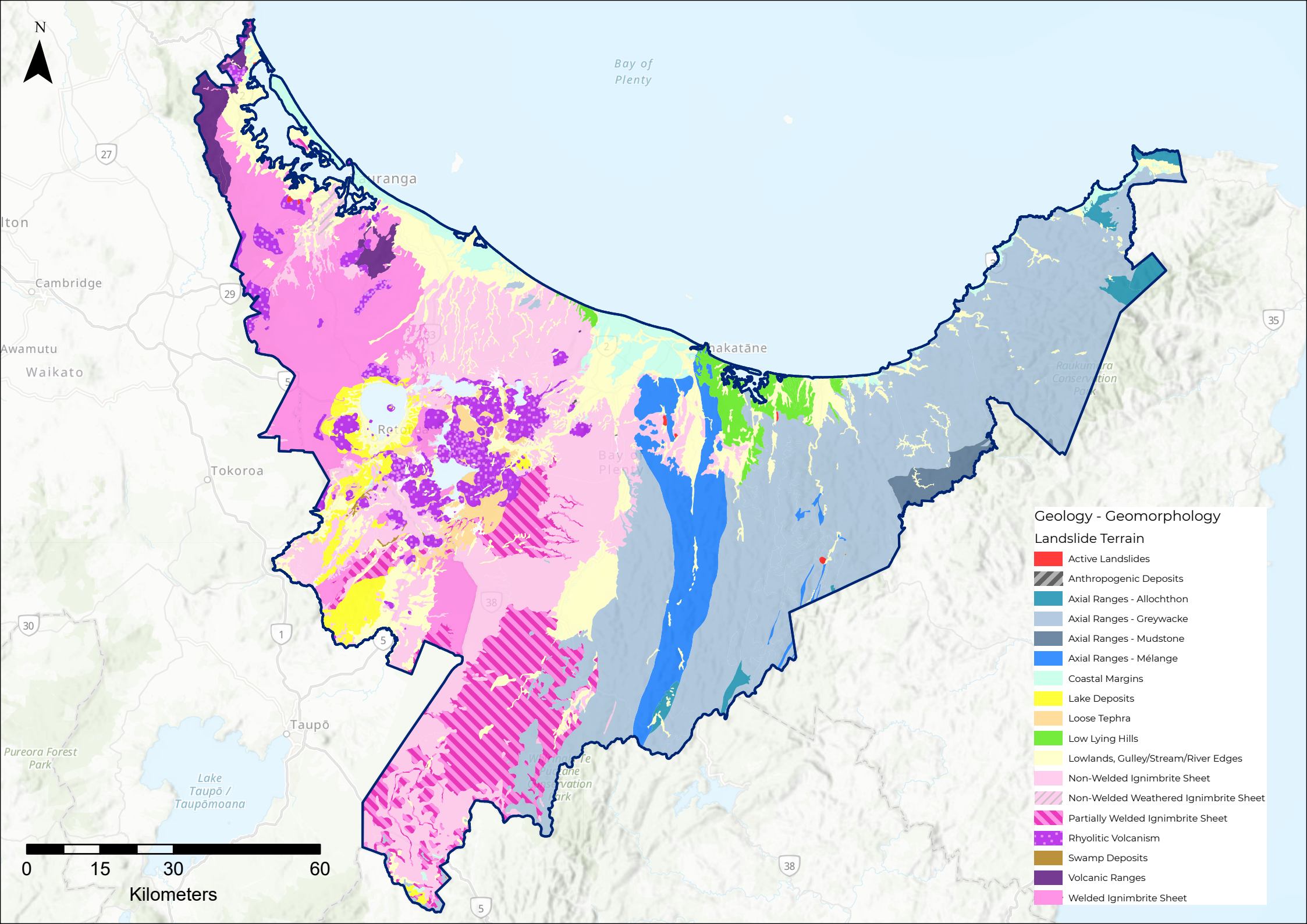
31 August 2023

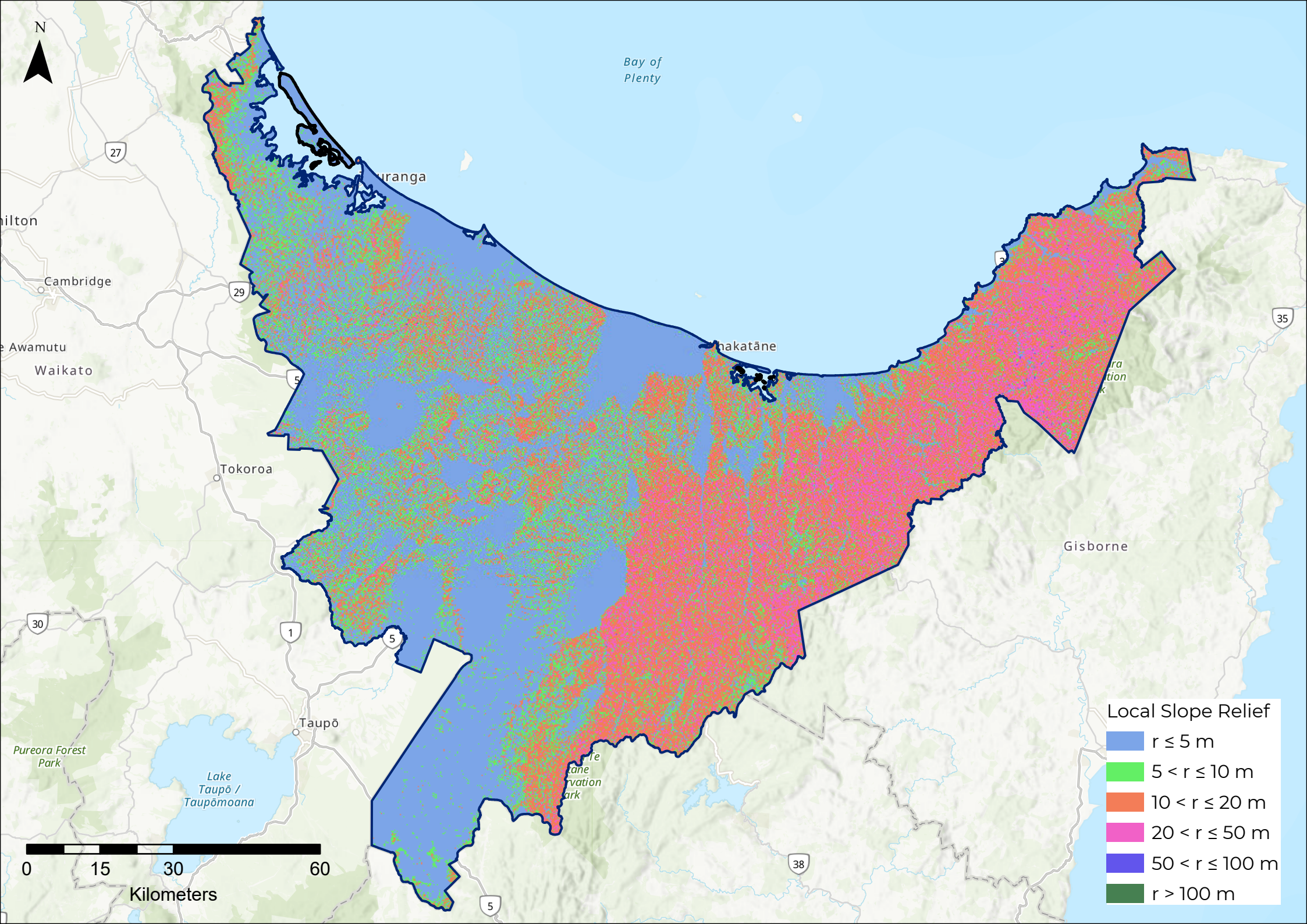


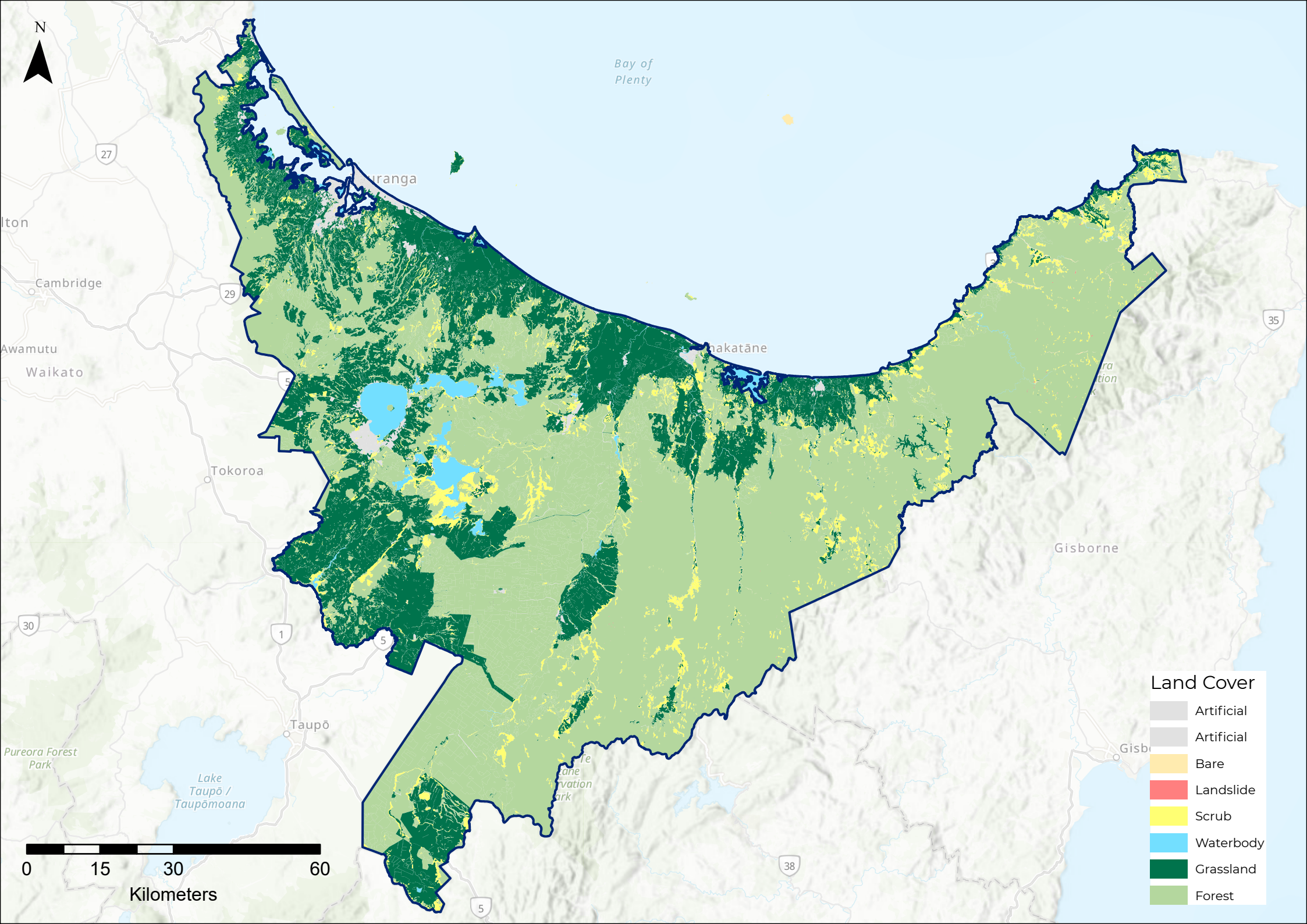
Appendices

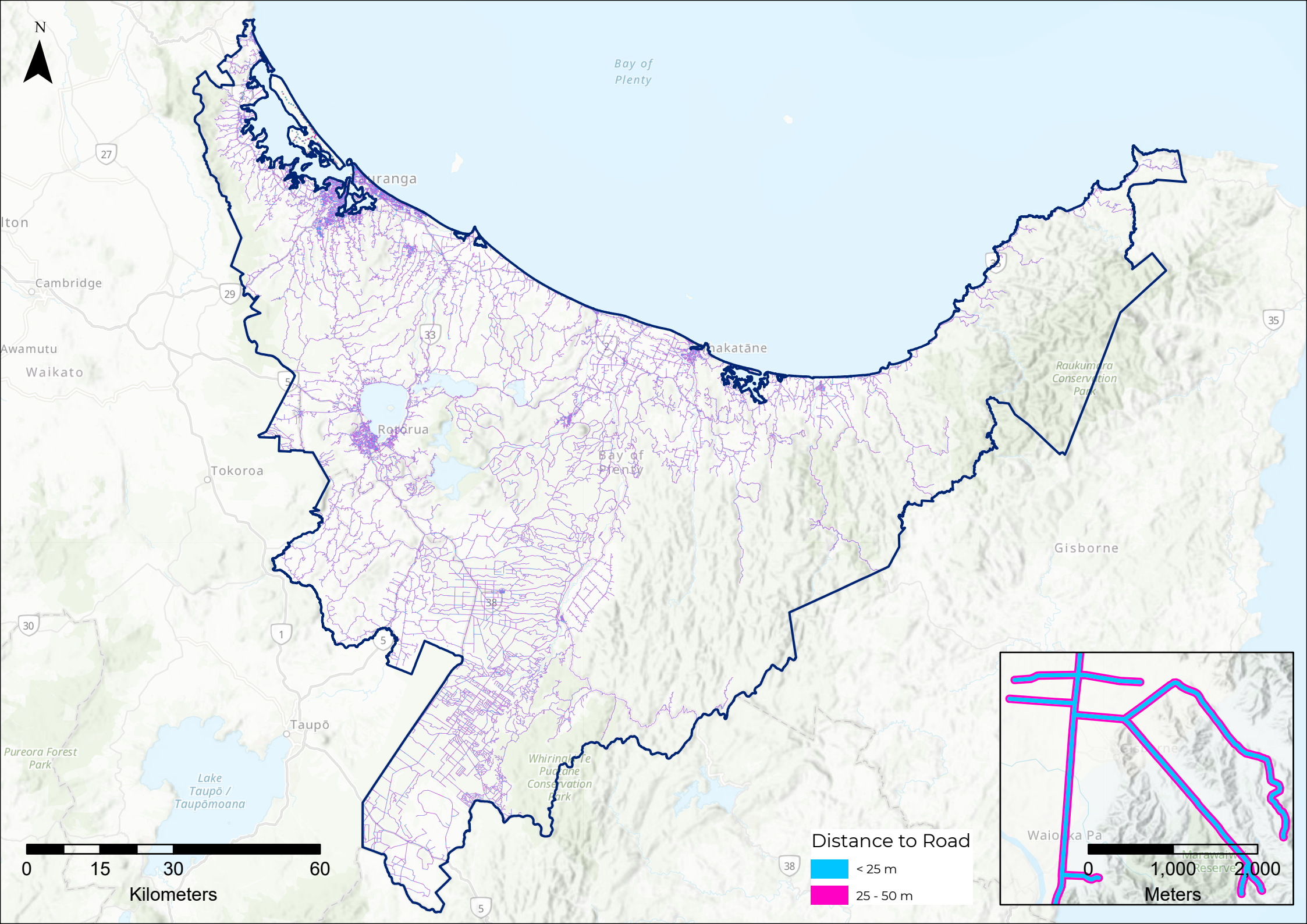
Appendix A Factor maps

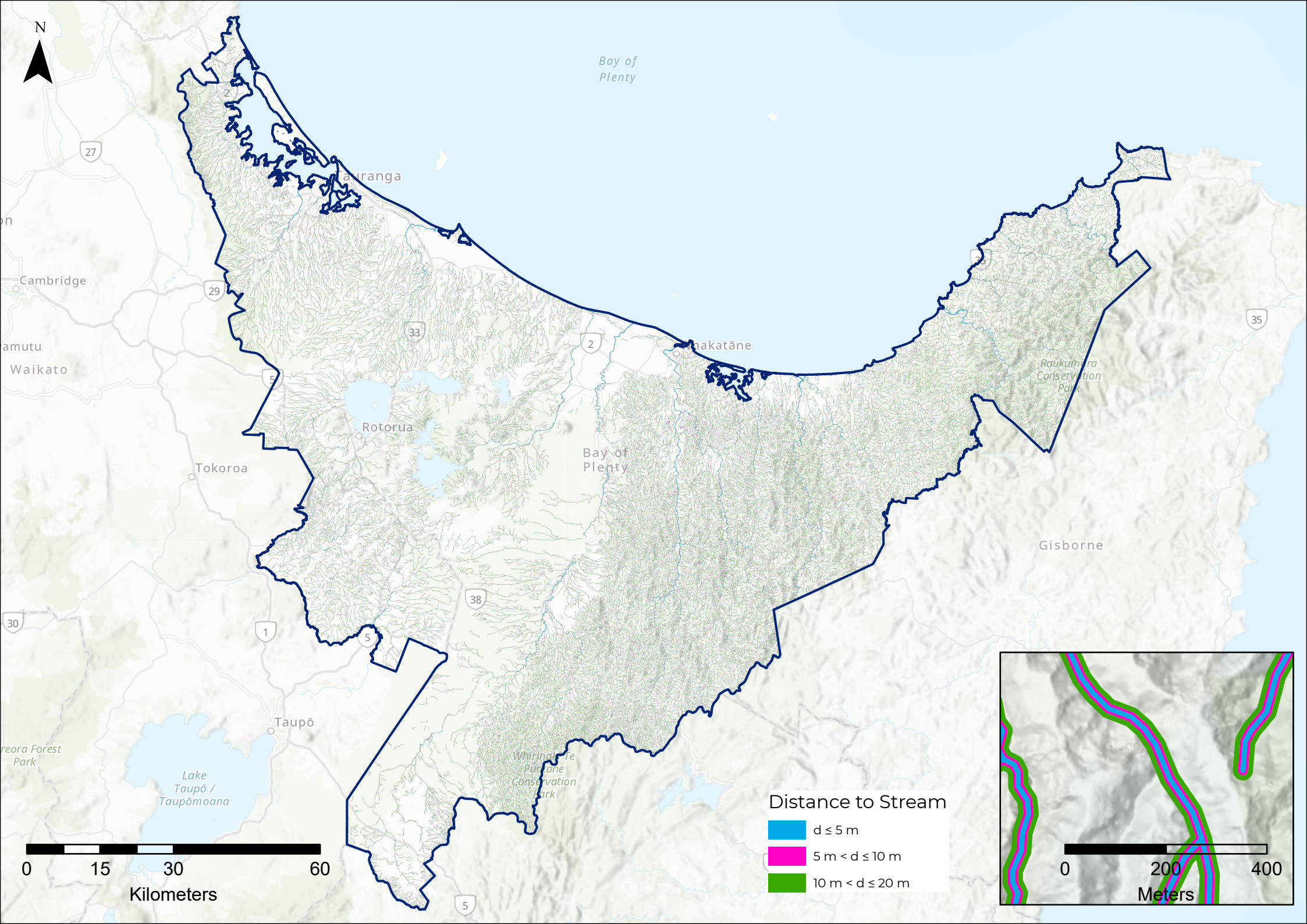

N
Bay of Plenty
Cambridge
Waikato
Tokoroa
Taupō
Gisborne
Pureora Forest Park
Lake Taupō / Taupōmoana
0
15
30
60
Kilometers
Slope Angle
0 - 10
10 - 20
20 - 30
30 - 40
40 - 50
50 - 60
60 - 70
70 - 80
80 - 90

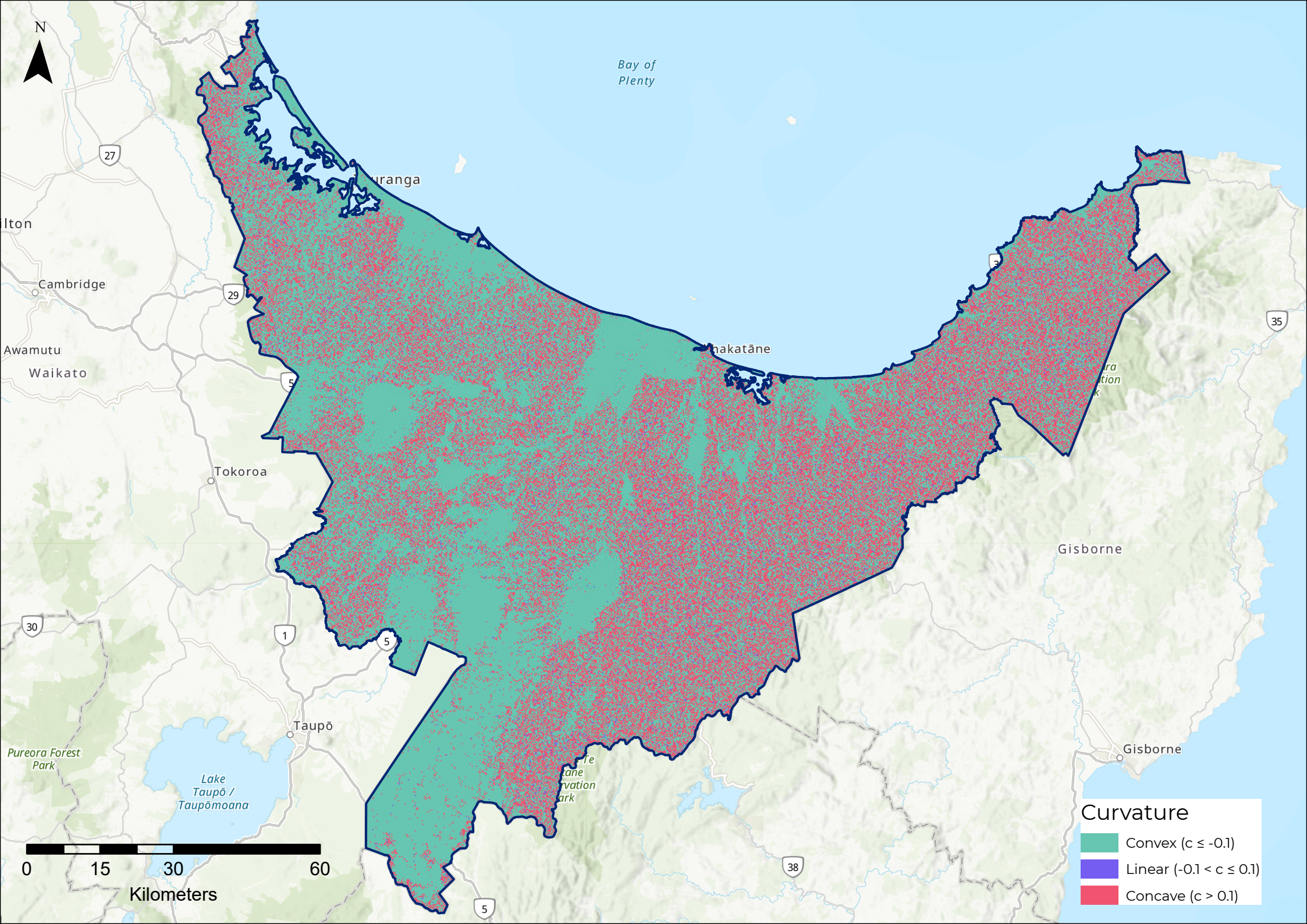

N
Bay of Plenty
Cambridge
Awamutu
Waikato
Tokoroa
Taupō
Pureora Forest Park
Lake Taupō / Taupōmoana
Raukumara Conservation Park
0
15
30
60
Kilometers
Geology - Geomorphology
Landslide Terrain
Active Landslides
Anthropogenic Deposits
Axial Ranges - Allochthon
Axial Ranges - Greywacke
Axial Ranges - Mudstone
Axial Ranges - Mélange
Coastal Margins
Lake Deposits
Loose Tephra
Low Lying Hills
Lowlands, Gulley/Stream/River Edges
Non-Welded Ignimbrite Sheet
Non-Welded Weathered Ignimbrite Sheet
Partially Welded Ignimbrite Sheet
Rhyolitic Volcanism
Swamp Deposits
Volcanic Ranges
Welded Ignimbrite Sheet

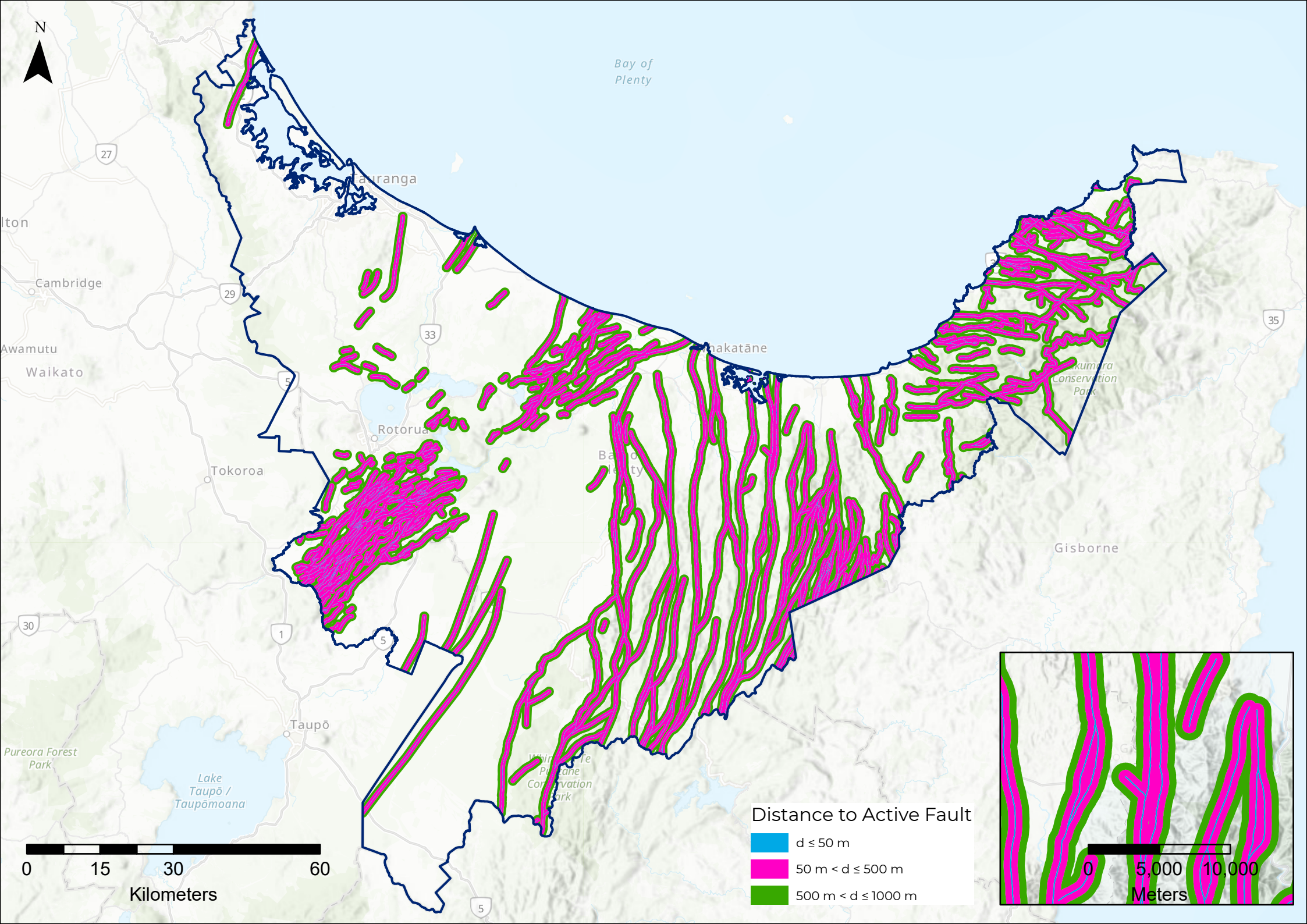

N
Bay of Plenty
Cambridge
Waikato
Tokoroa
Gisborne
Taupō
Pureora Forest Park
Lake Taupō / Taupōmoana
0
15
30
60
Kilometers
Local Slope Relief
r ≤ 5 m
5 < r ≤ 10 m
10 < r ≤ 20 m
20 < r ≤ 50 m
50 < r ≤ 100 m
r > 100 m


N
Bay of Plenty
Cambridge
Awamutu
Waikato
Tokoroa
Taupō
Gisborne
Pureora Forest Park
Lake Taupō / Taupōmoana
0
15
30
60
Kilometers
Land Cover
Artificial
Artificial
Bare
Landslide
Scrub
Waterbody
Grassland
Forest


N
Bay of Plenty
Cambridge
Awamutu
Waikato
Tokoroa
Rotorua
Bay of Plenty
Gisborne
Taupō
Pureora Forest Park
Lake Taupō / Taupōmoana
Raukumara Conservation Park
Distance to Road
< 25 m
25 - 50 m
0 15 30 60
Kilometers
0 1,000 2,000
Meters


N
Bay of Plenty
Tauranga
Cambridge
Waikato
Hamilton
Rotorua
Tokoroa
Whakatāne
Bay of Plenty
Gisborne
Taupō
Lake Taupō / Taupōmoana
Raukumara Conservation Park
Whirinaki Te Pua-a-tane Conservation Park
Distance to Stream
d ≤ 5 m
5 m < d ≤ 10 m
10 m < d ≤ 20 m
0 15 30 60
Kilometers
0 200 400
Meters


N
Bay of Plenty
Cambridge
Awamutu
Waikato
Tokoroa
Taupō
Gisborne
Pureora Forest Park
Lake Taupō / Taupōmoana
0
15
30
60
Kilometers
Curvature
Convex (c ≤ -0.1)
Linear (-0.1 < c ≤ 0.1)
Concave (c > 0.1)


N
Bay of Plenty
Tauranga
Cambridge
Awamutu
Waikato
Rotorua
Tokoroa
Taupō
Gisborne
Pureora Forest Park
Lake Taupō / Taupōmoana
Distance to Active Fault
d ≤ 50 m
50 m < d ≤ 500 m
500 m < d ≤ 1000 m
0 15 30 60
Kilometers
0 5,000 10,000
Meters

Appendix B Landslide susceptibility maps

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91

Bay of Plenty

NEW ZEALAND

Grid Index

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Legend:

Map Index

Scale:

0 20,000 40,000 Meters

N

Scale: 1:750,000 @A3

Date: 7/09/2023 **Project:** 2-9Z696.00

Parakiwai
Waiharakeke
Papakura Bay
Waimana Bay
Whiritoa
Mataora Bay
kamoehau
Golden Valley Rd
Orokawa Reserve
Boat Bay
Golden Valley
Kenny St
Waihi
25

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

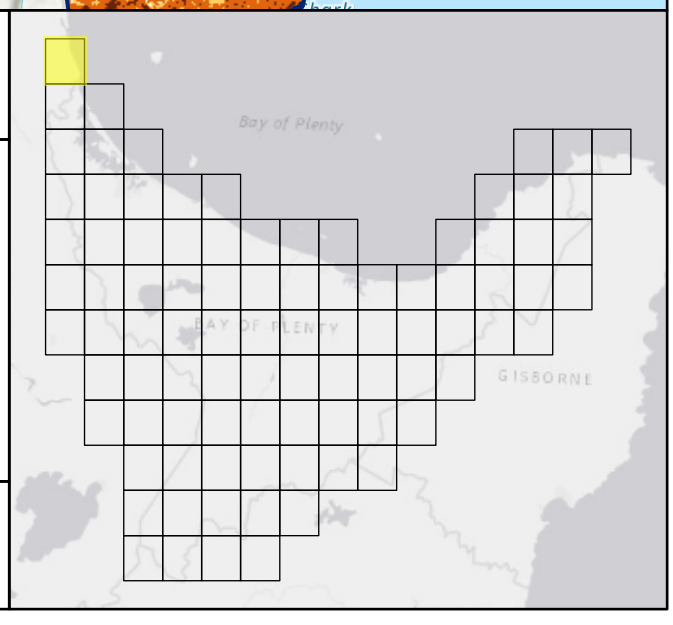
Page Number: 1

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

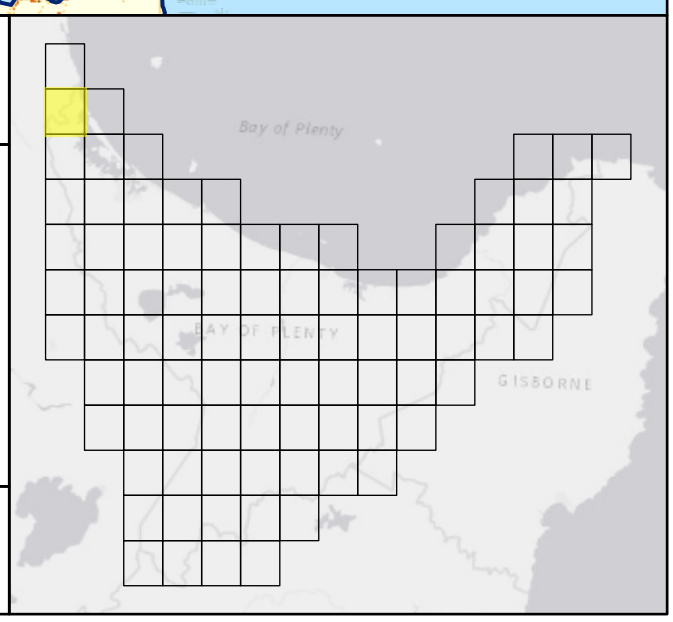
Page Number: 2

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Katikati Entrance

Karewa Island

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

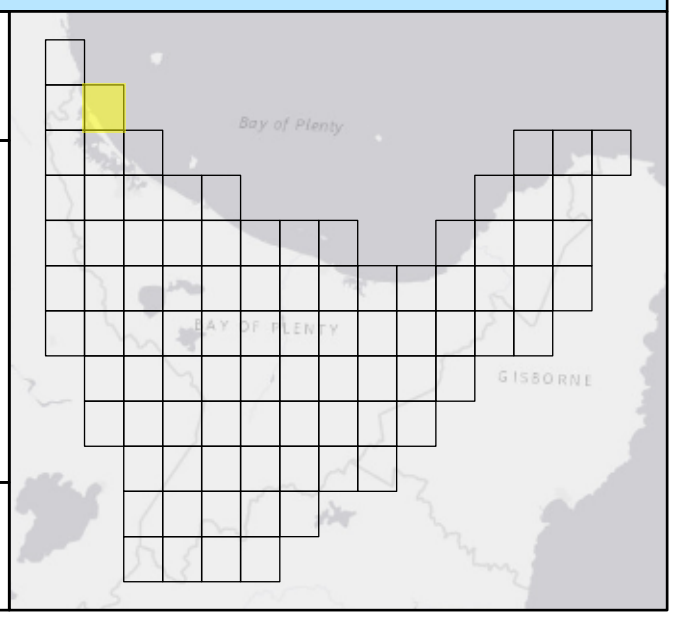
Page Number: 3

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rereatukahia Estuary

Nairakau Reserve

Ngatamah

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

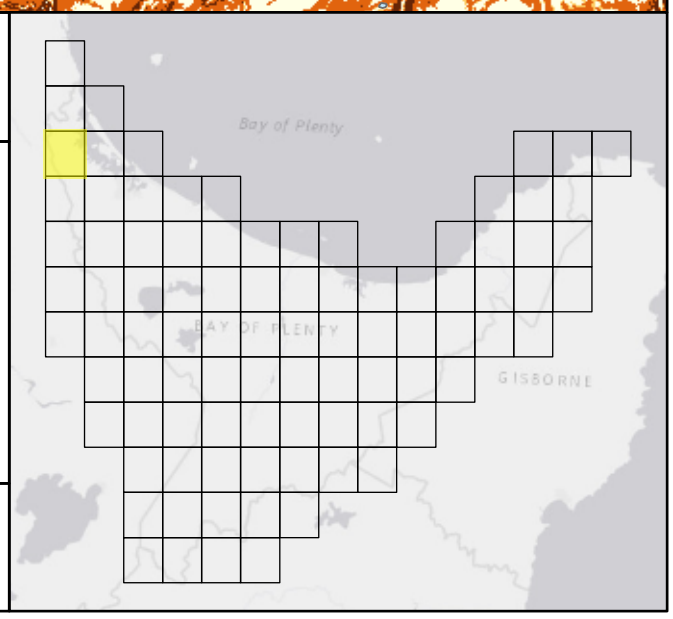
Page Number: 4

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

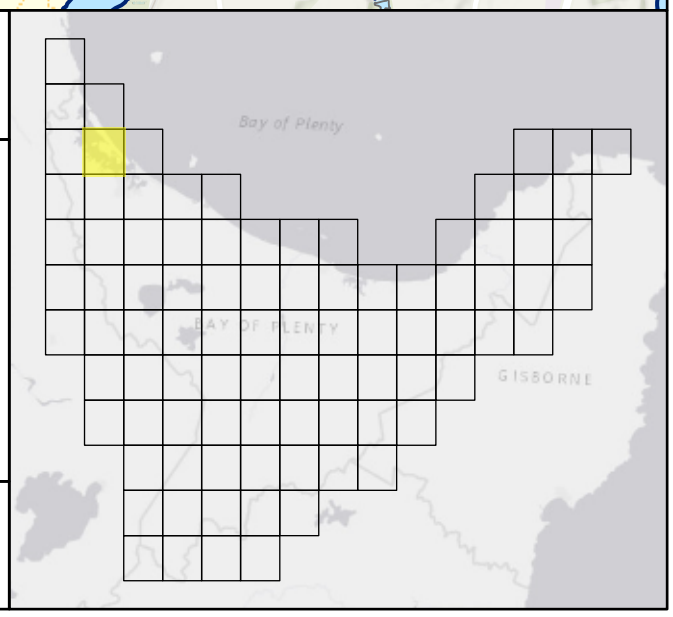
Page Number: 5

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

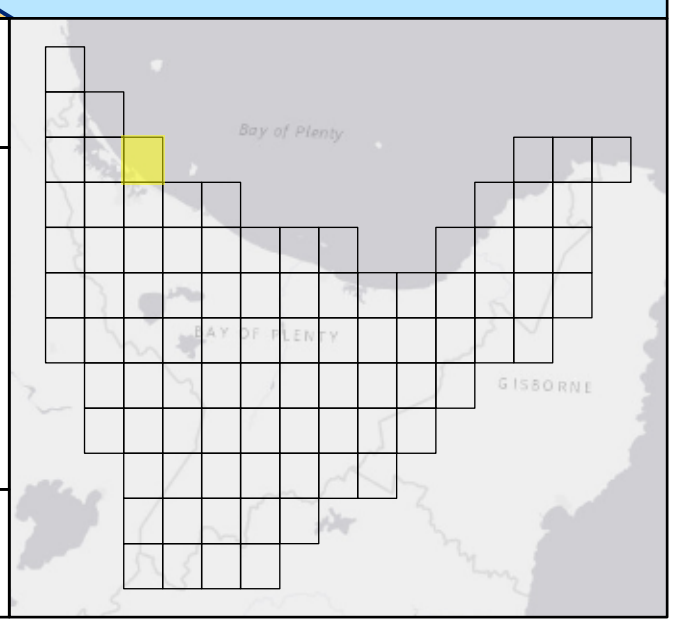
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

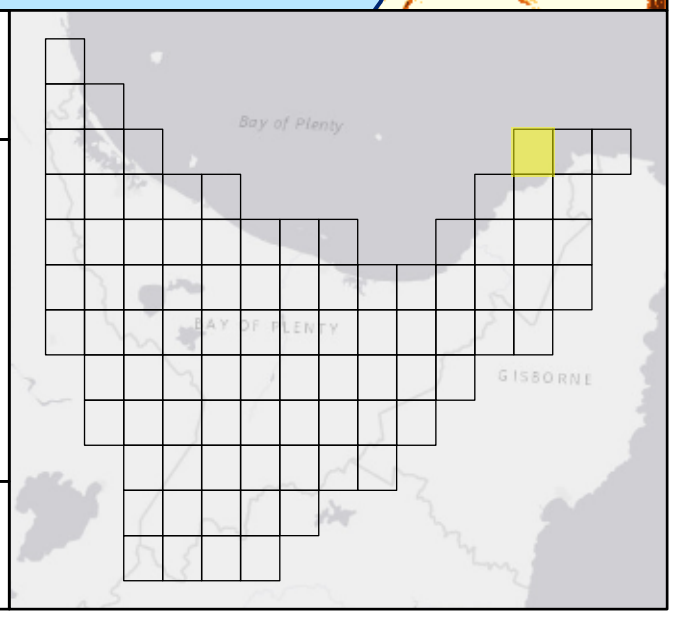
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Otarawhata Island

Pohueuorau Bay

Kopong Ba

Te Rangihar Bay

Bay

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

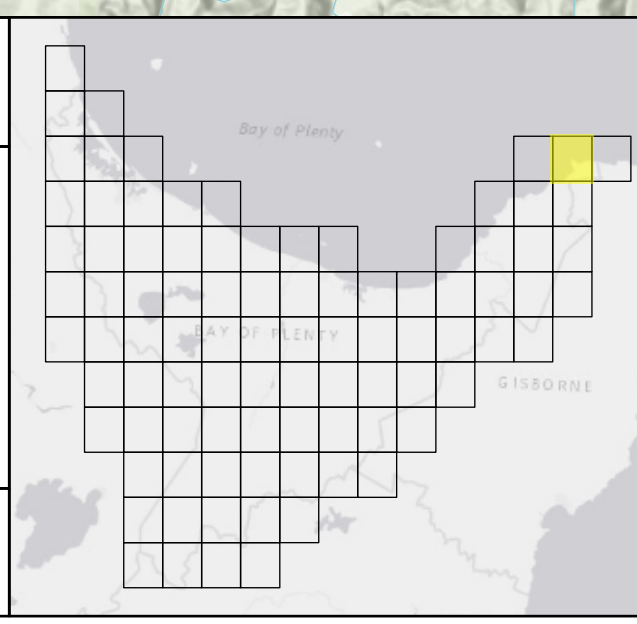
Urban Area

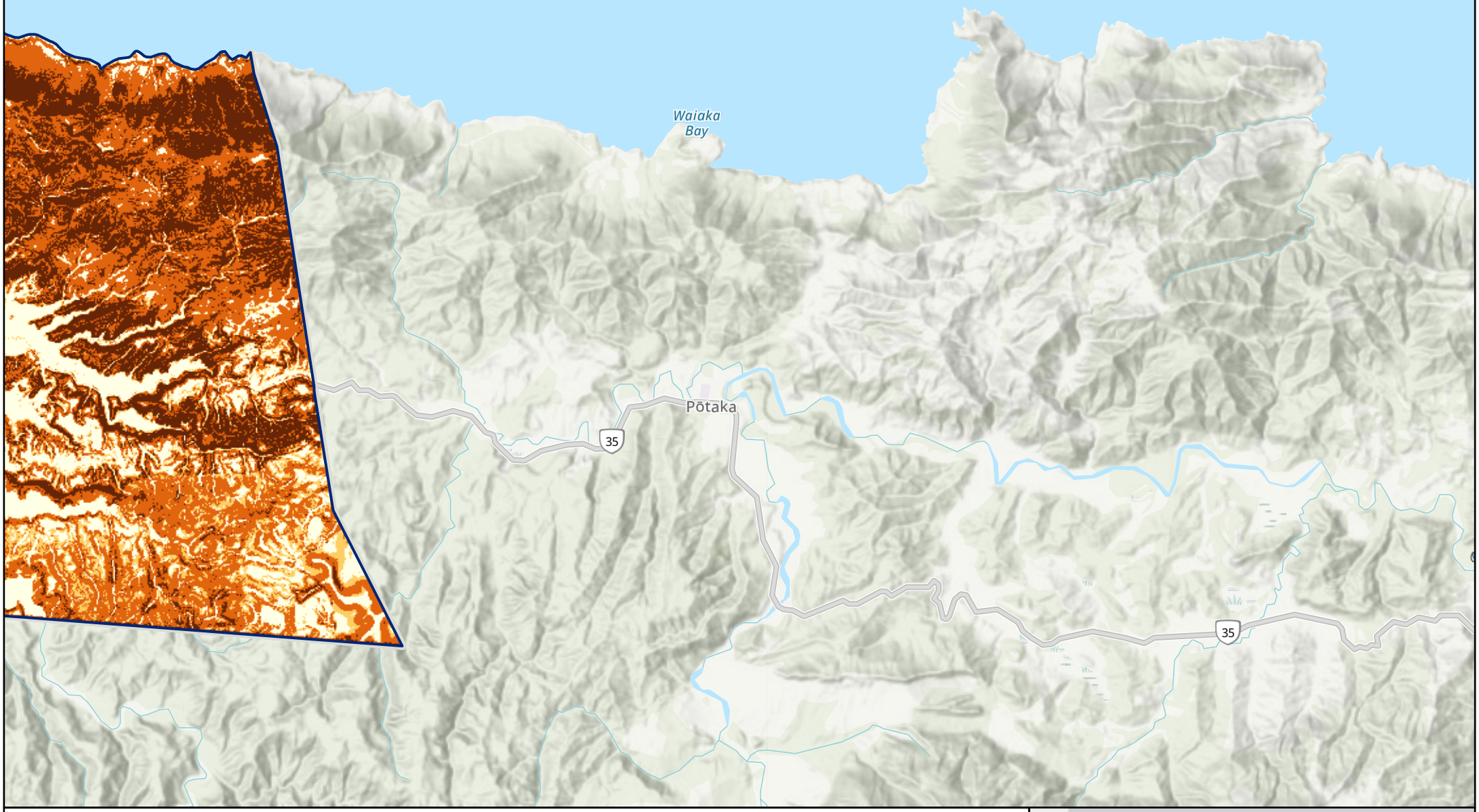
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

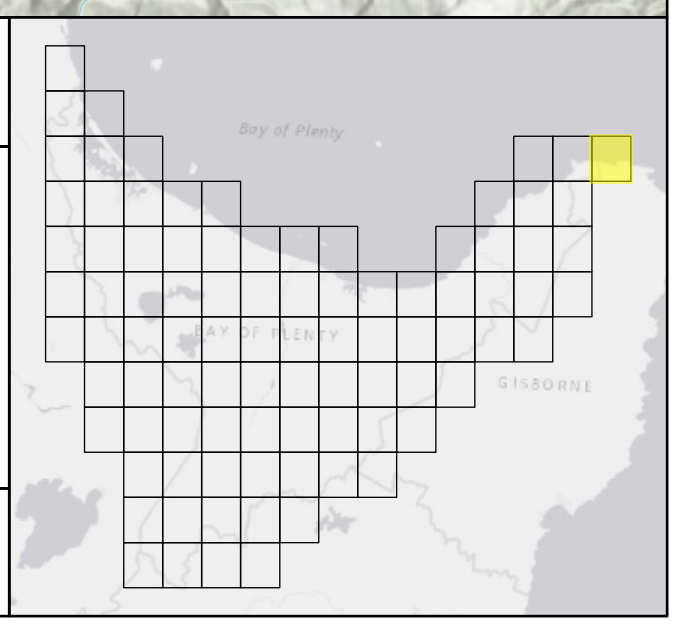
Page Number: 9

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Gordon
Tower Rd
Maurihoro Reserve
Wairere Falls Reserve
Turangaomoana
Tower Rd
Kaimai Mamaku Conservation Park
Gordon Park
Okauia
Te Ohaki Pa
Okauia Pa
24
Taihoa

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

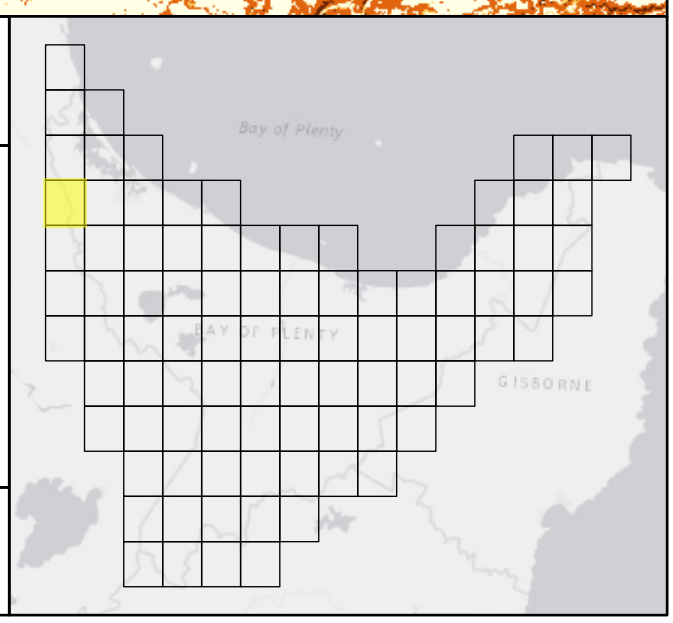
Page Number: 10

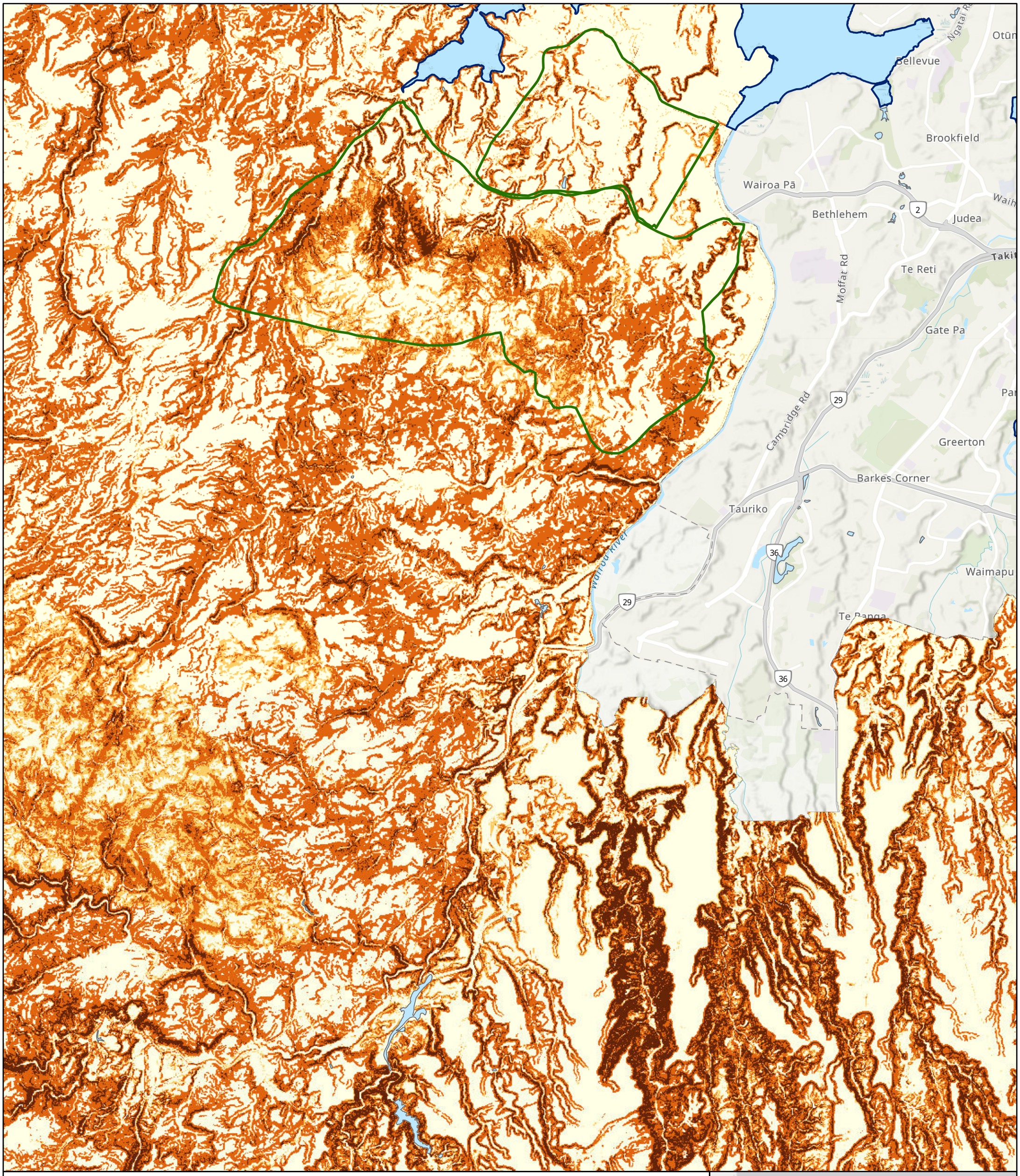
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

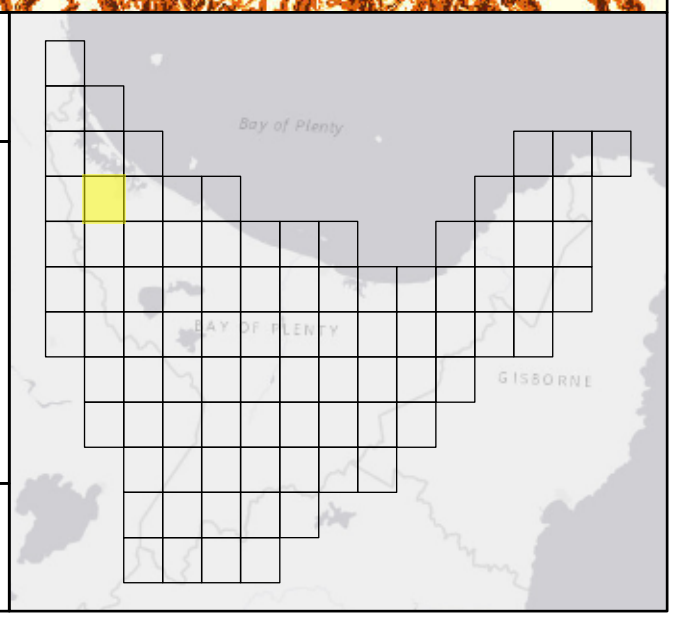
Page Number: 11

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

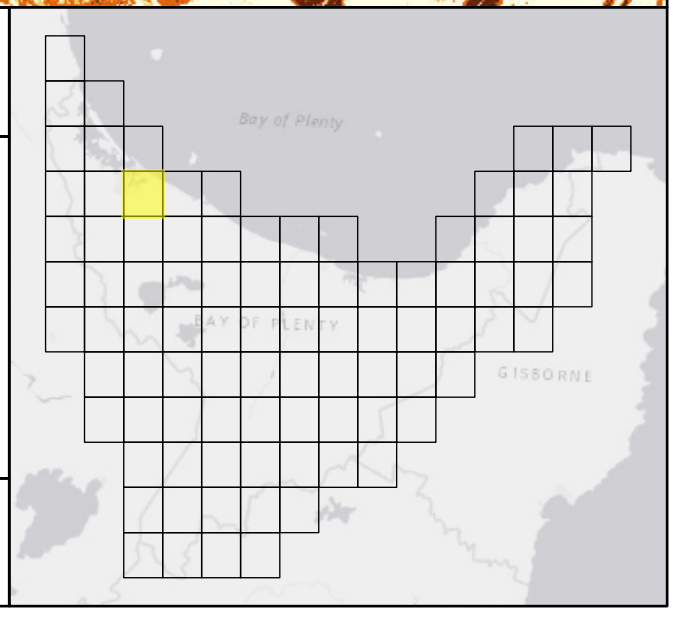
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Papamoa Beach

Papamoa Beach Rd

Tauranga Ea

Maketu Estuary

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

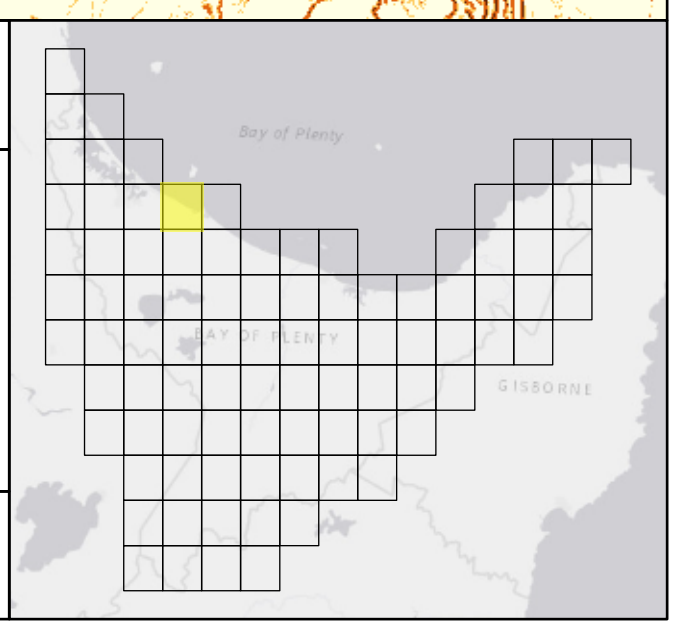
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Motunau / Plate Island

Waihi Estuary

Park

arua

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

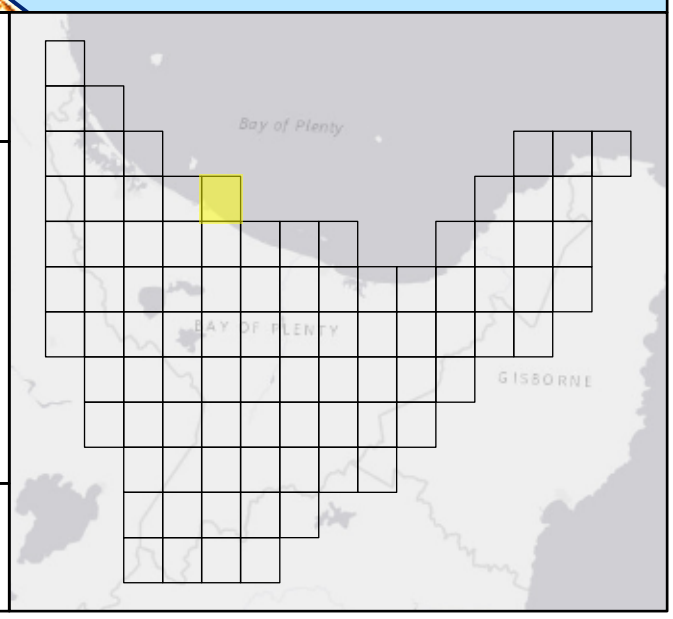
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

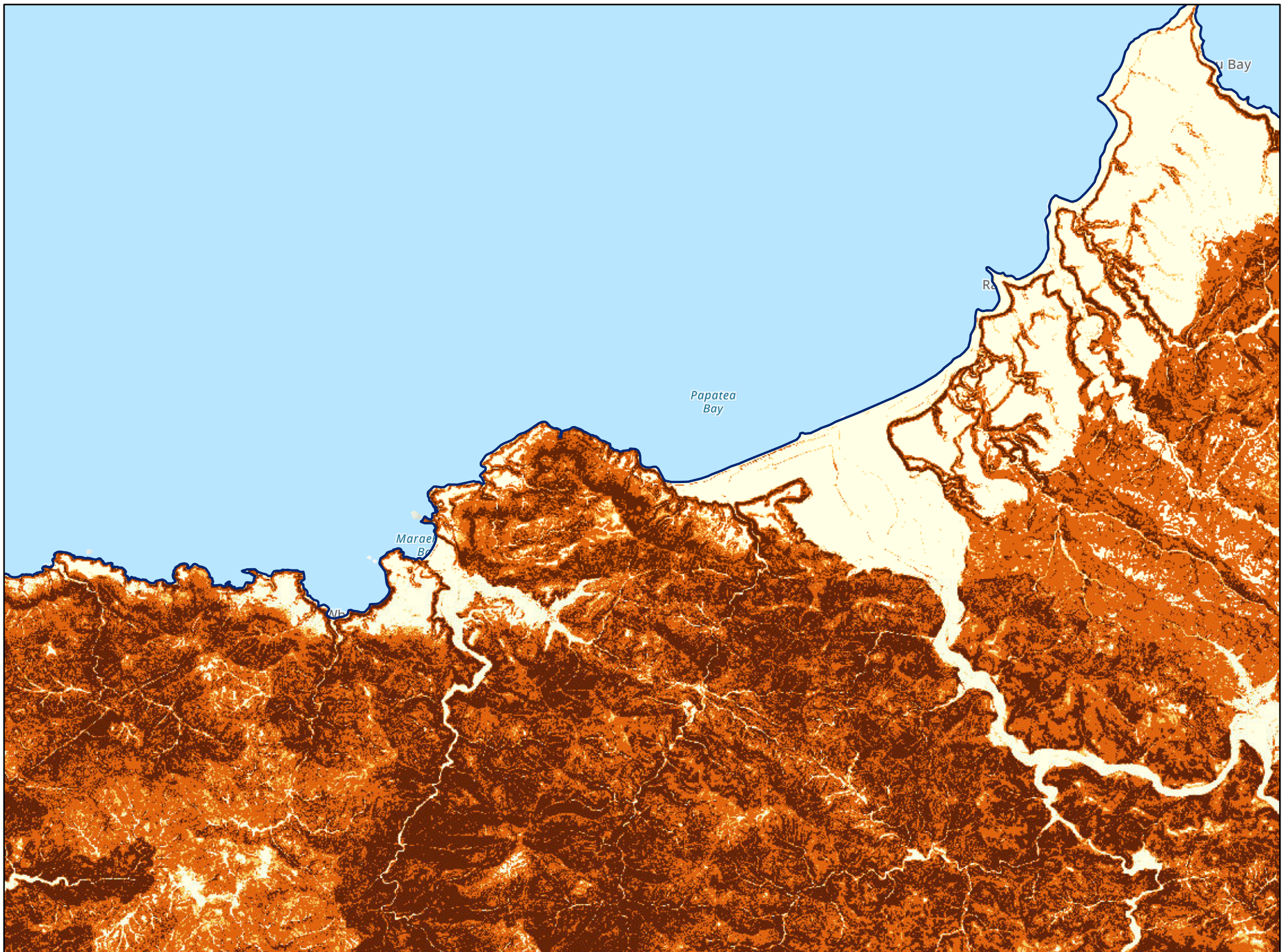
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

Page Number: 16

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

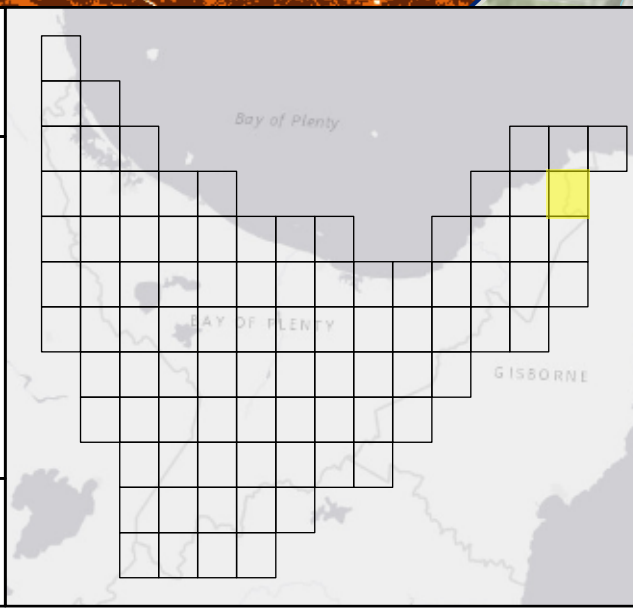
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Taihoa
Te Poi Rd
Te Poi
Te Poi South Rd
State Highway 29
Rapurapu Rd
Selwyn
Waiomou
Tapapa
24
29
28

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

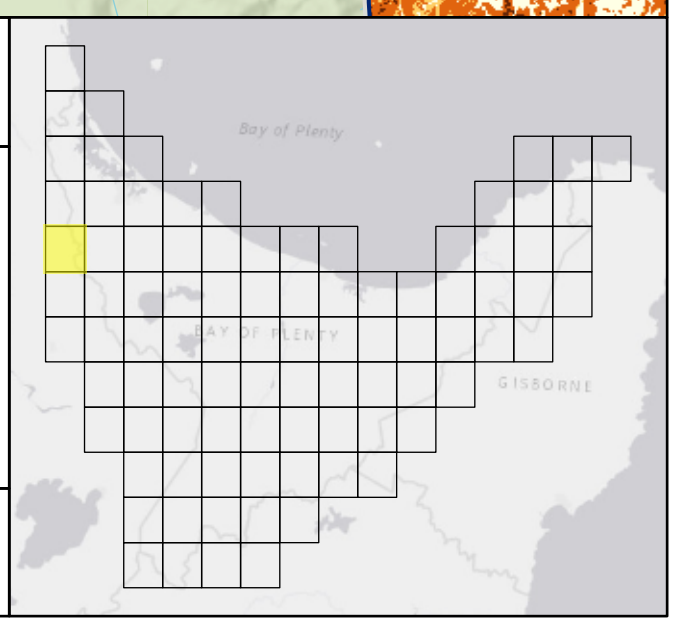
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

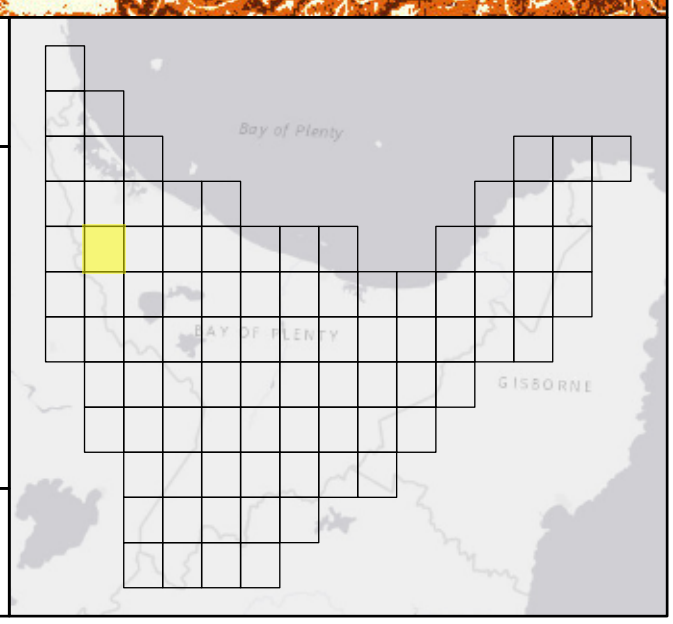
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

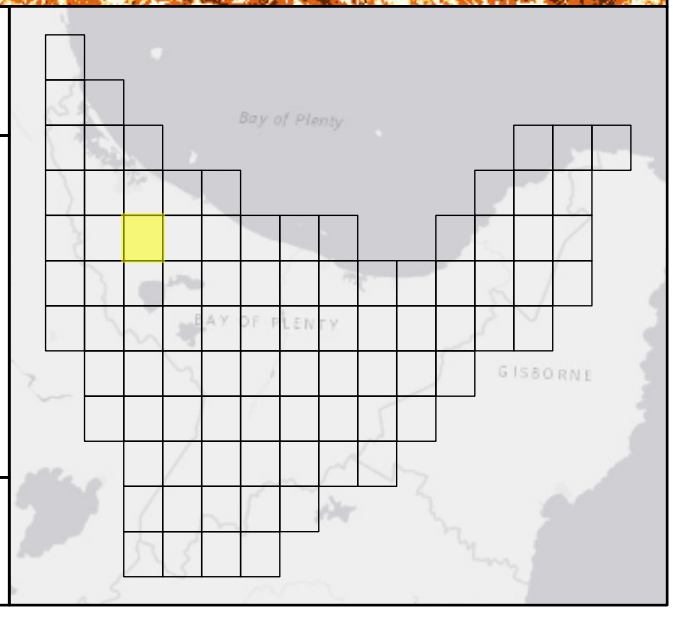
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

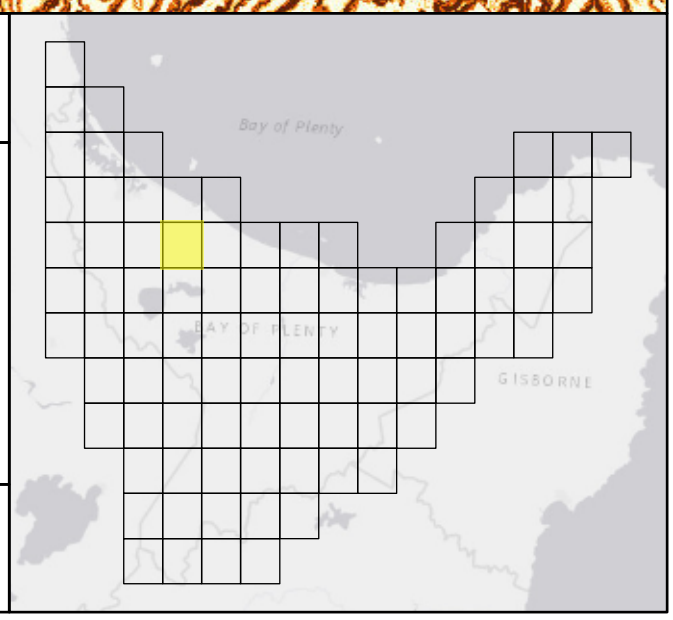
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

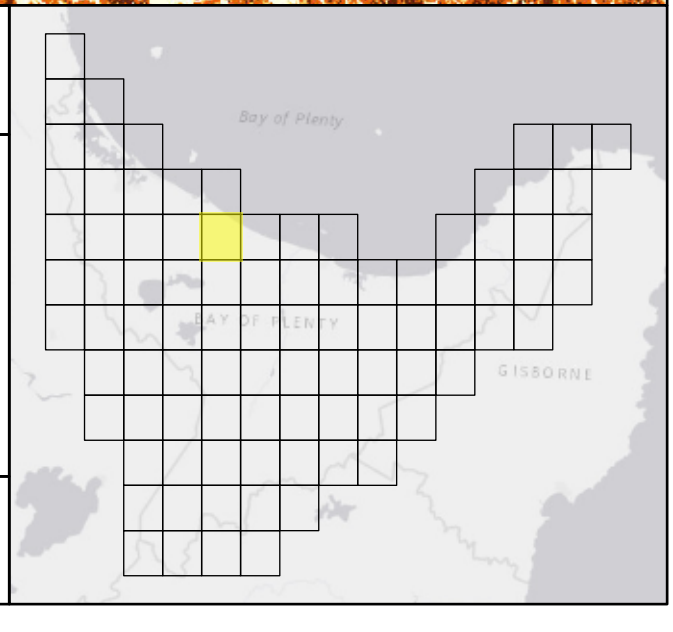
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

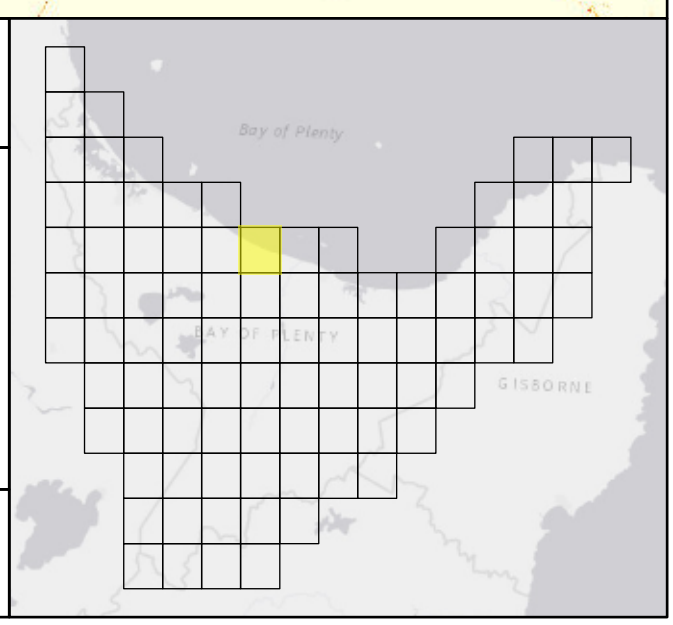
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Tokata Island

Rurima Island

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

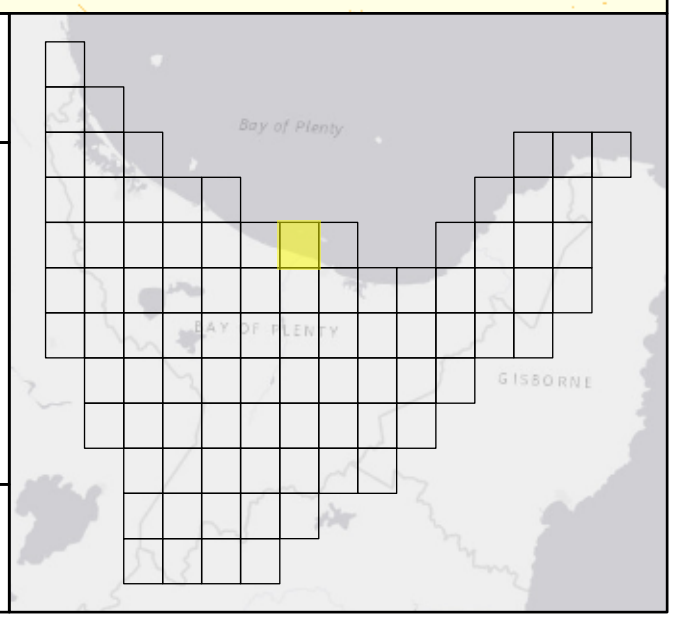
Page Number: 24

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Moutohora Island

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

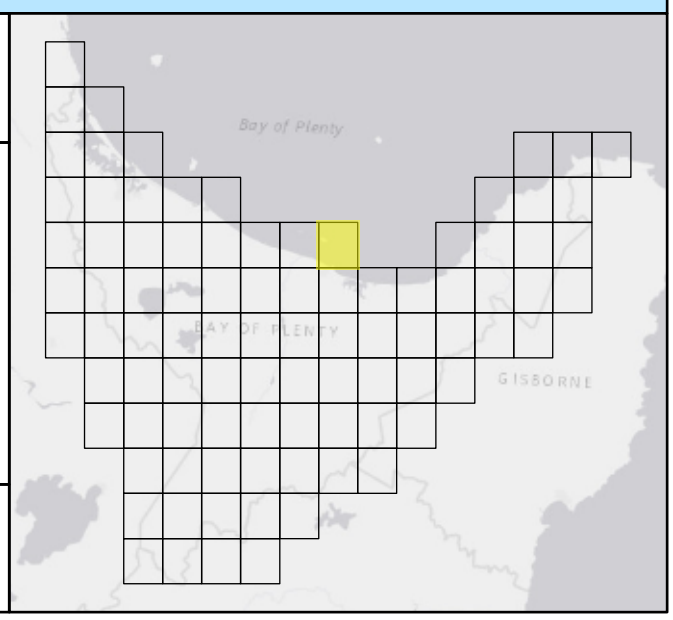
Page Number: 25

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Whitianga Bay

Whituare Bay

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

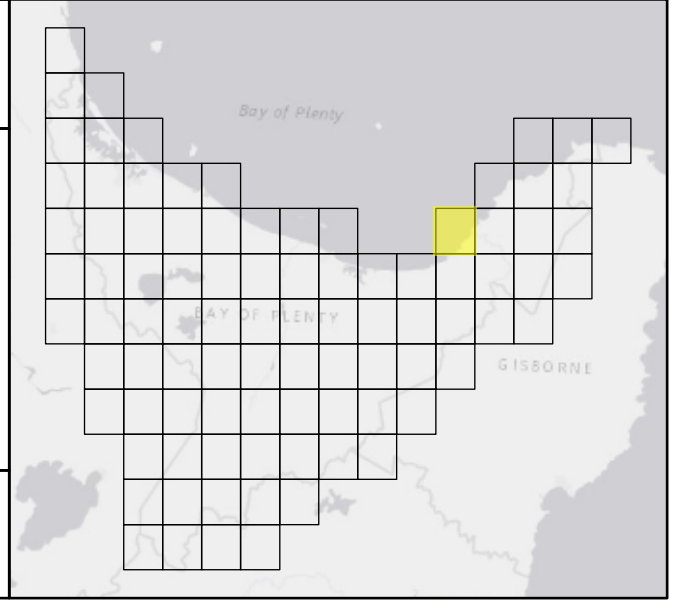
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Date: 12/09/2023 **Project:** 2-9Z696.00

Omaio Bay

Whitianga Bay

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

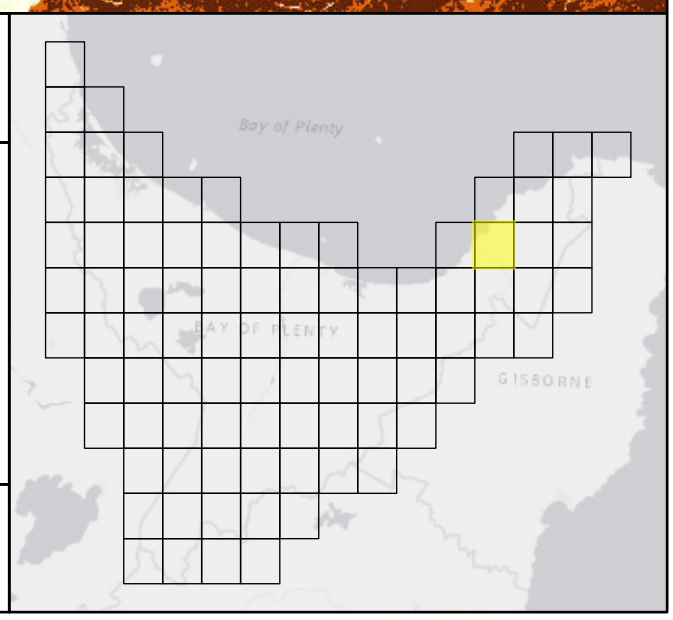
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

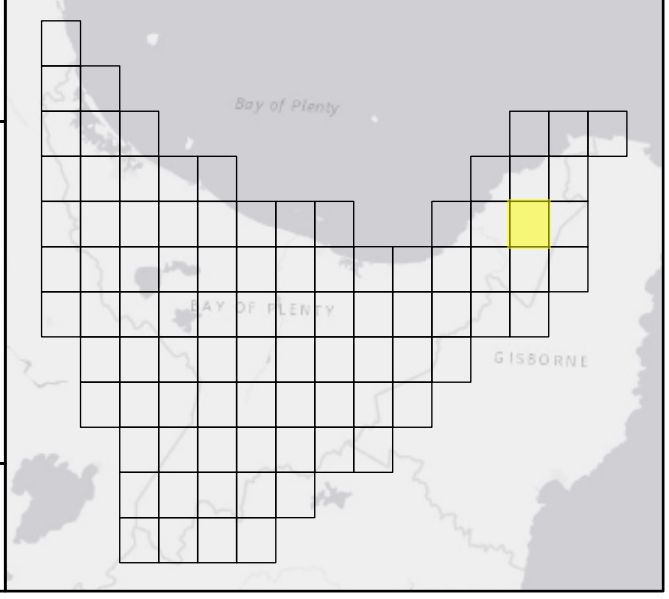
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Whanokao

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

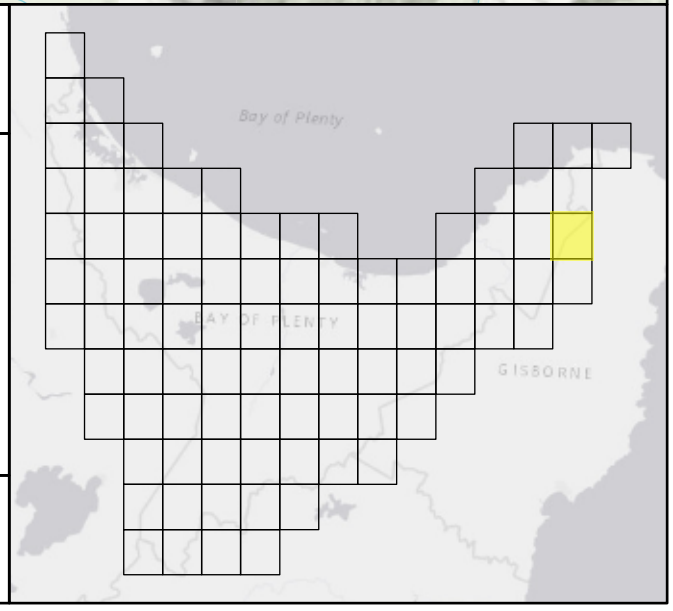
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

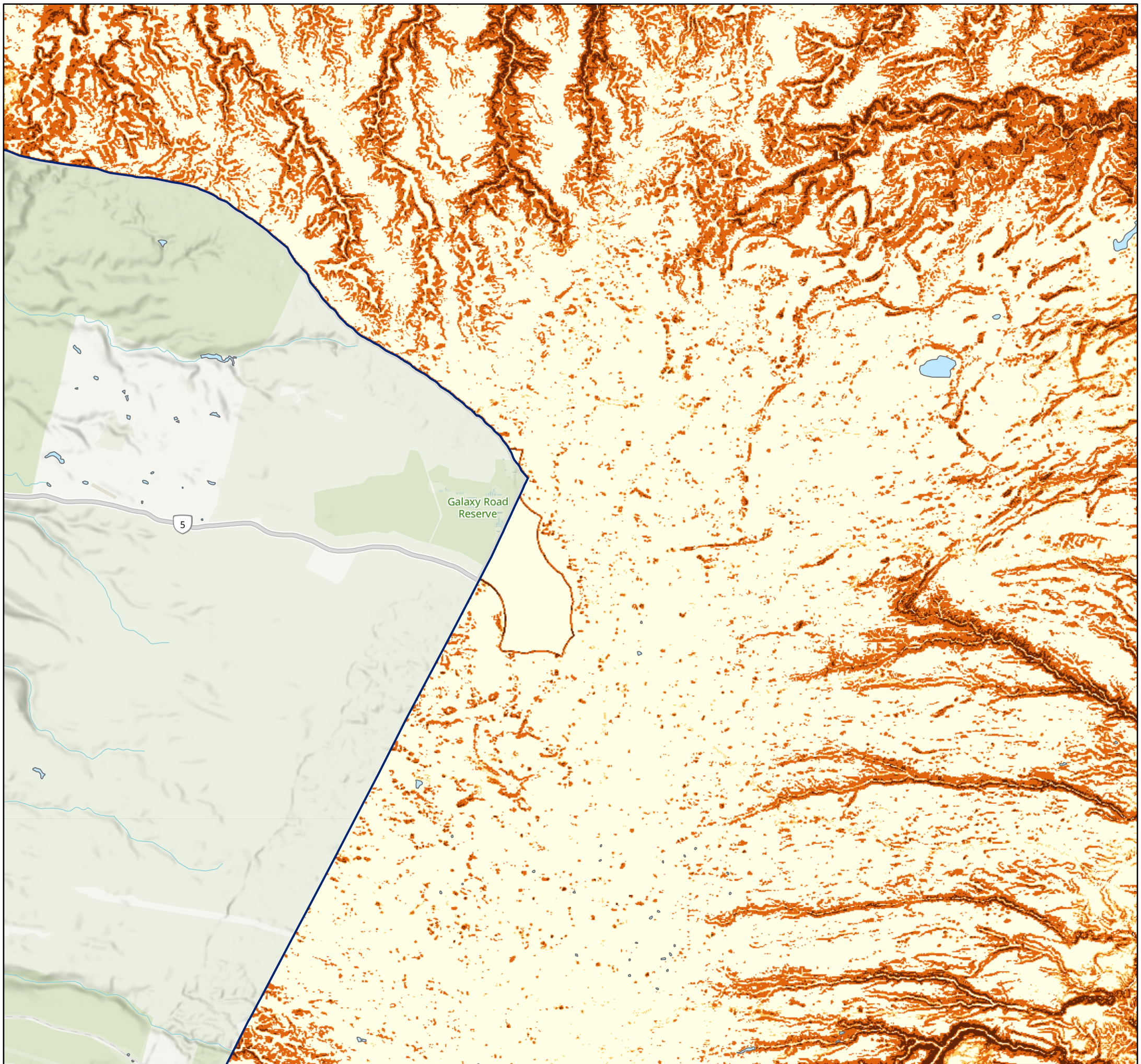
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

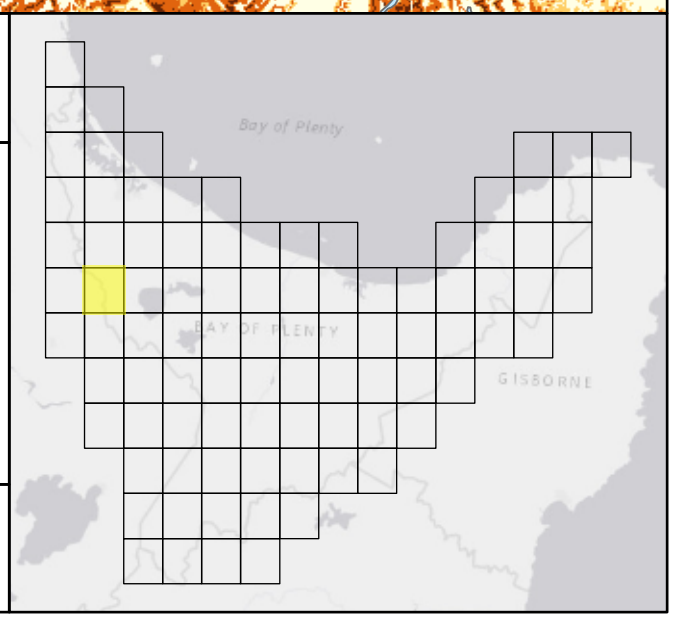
Page Number: 31

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

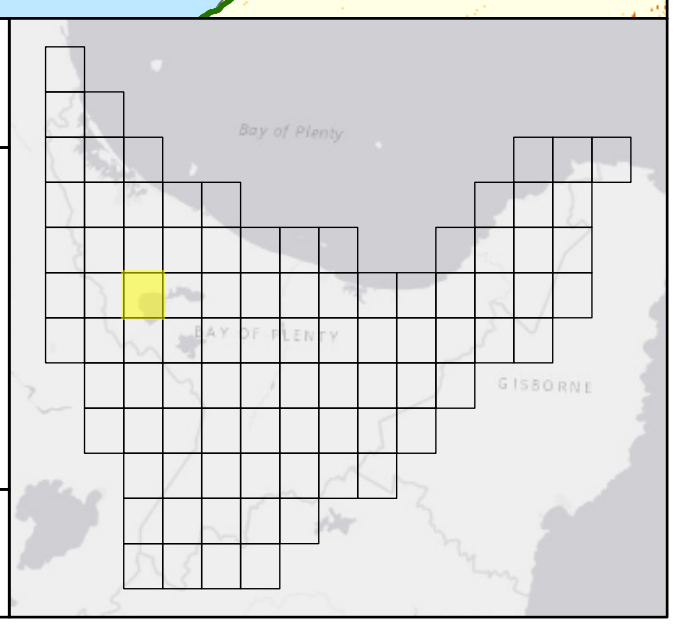
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

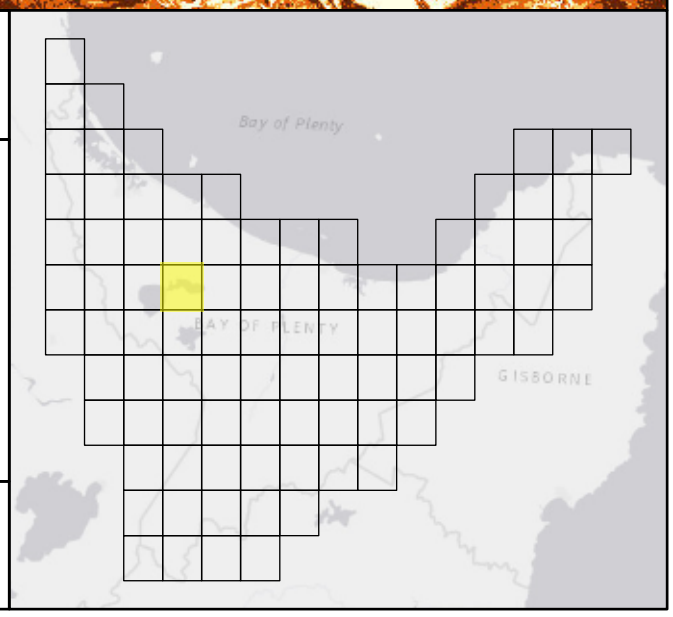
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

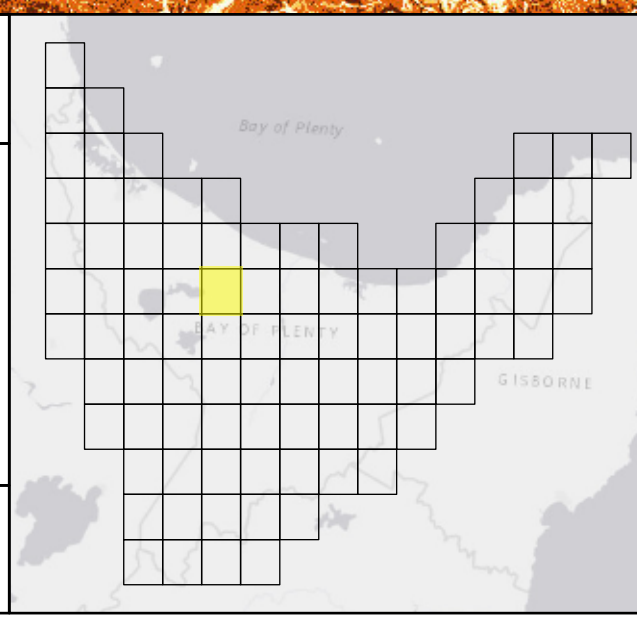
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

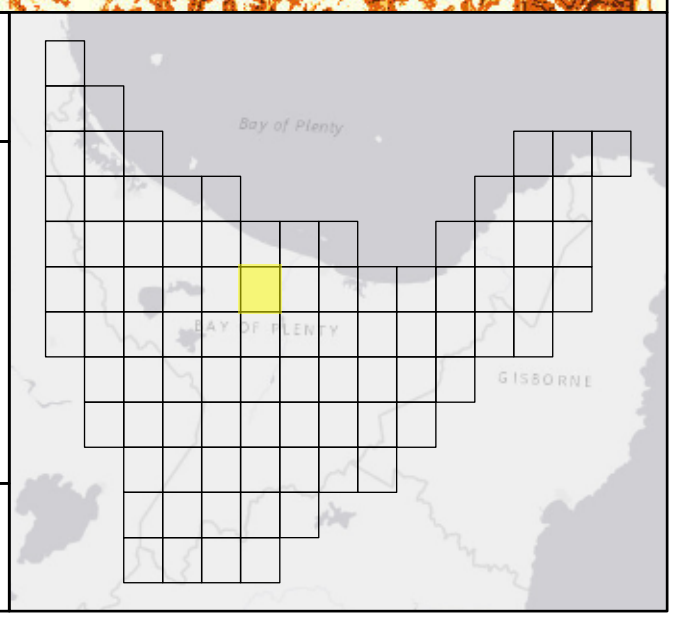
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

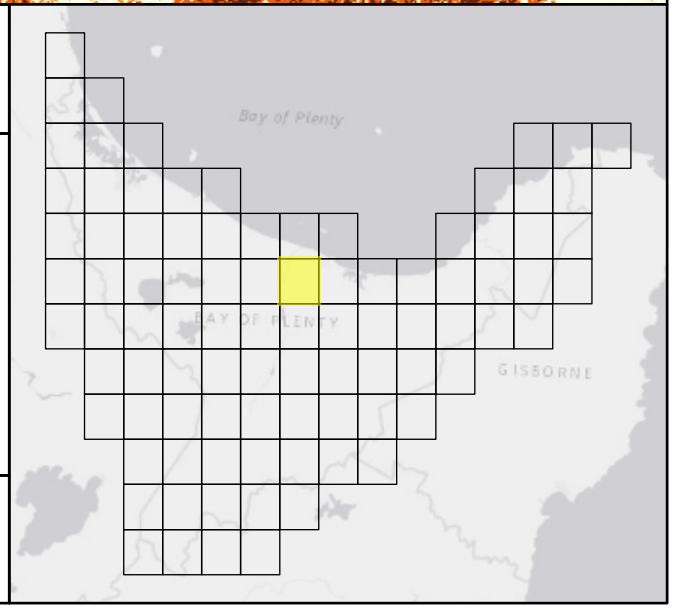
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

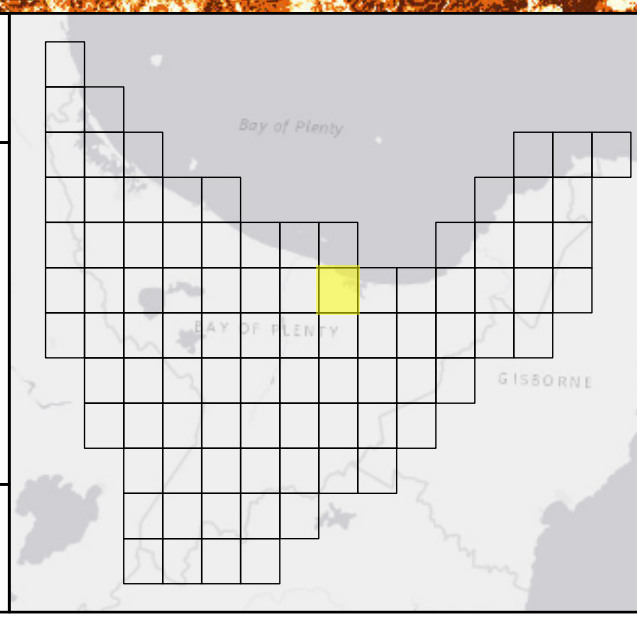
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

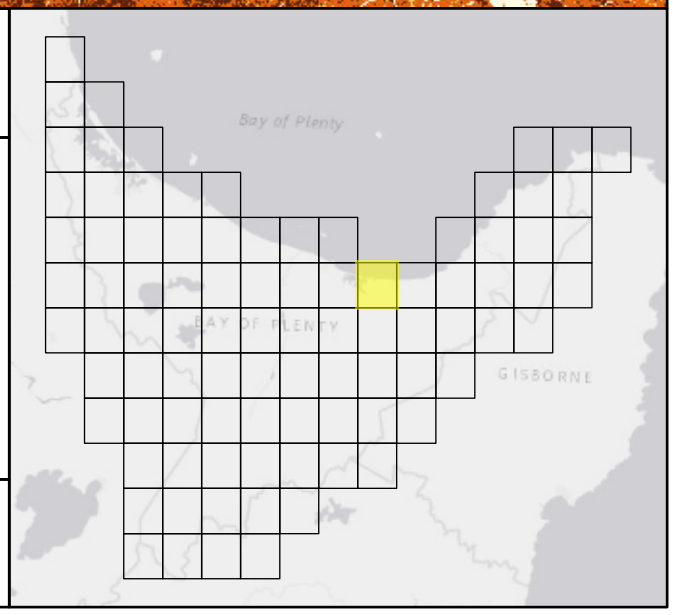
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

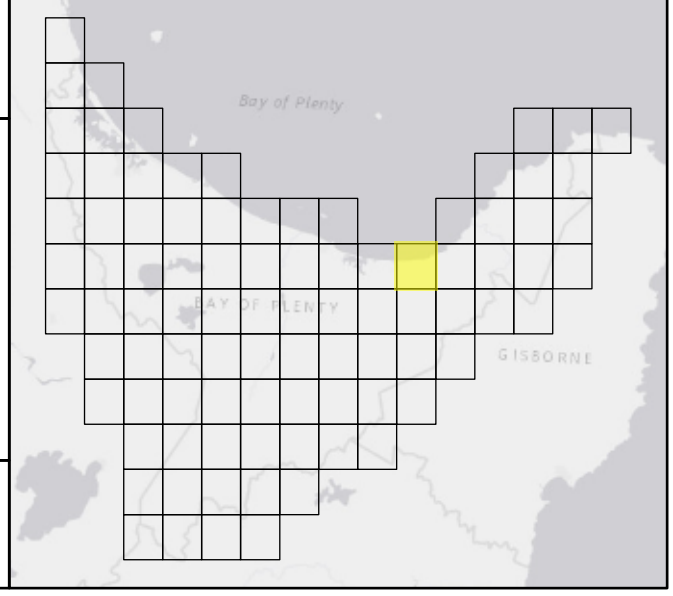
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

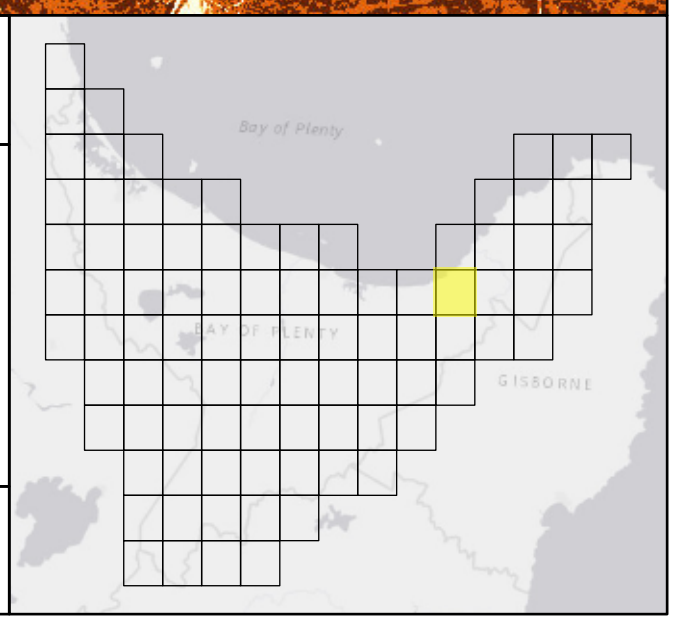
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

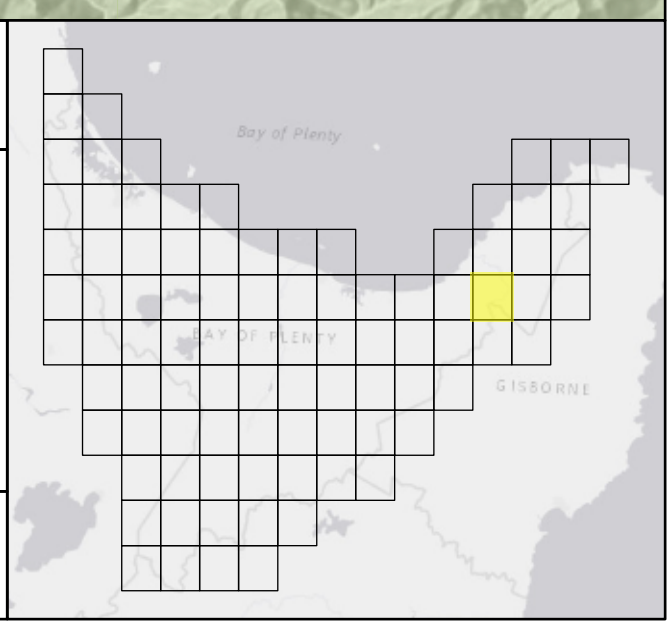
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Raukumara Conservation Park

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

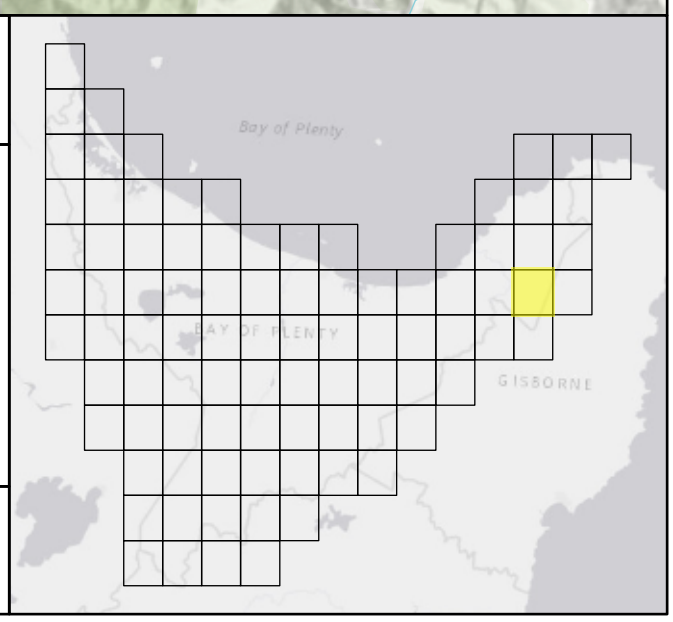
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Hikurangi

Mata River

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

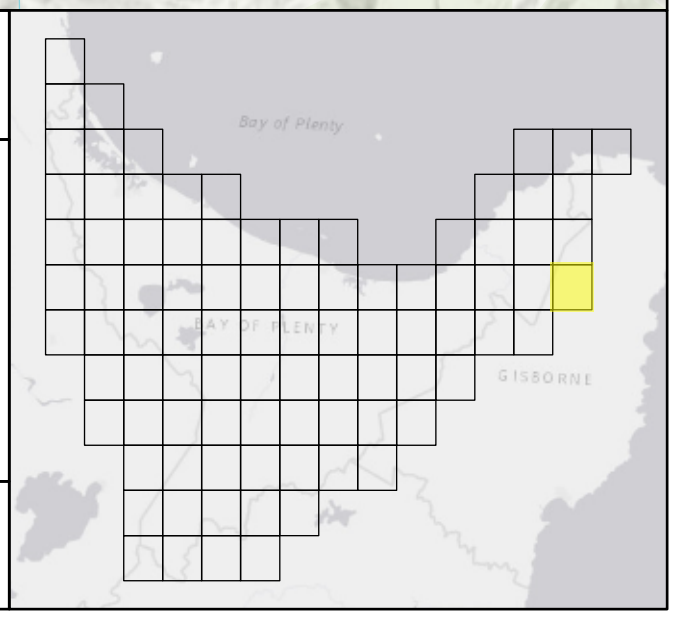
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

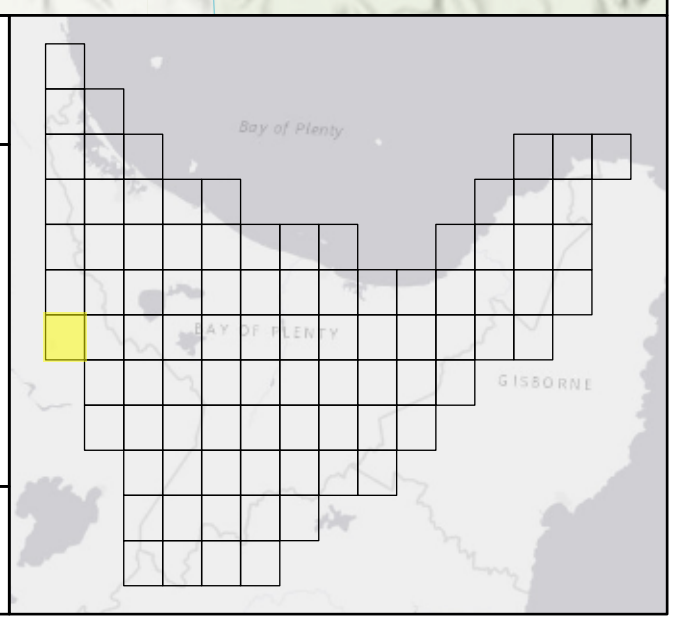
Page Number: 44

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

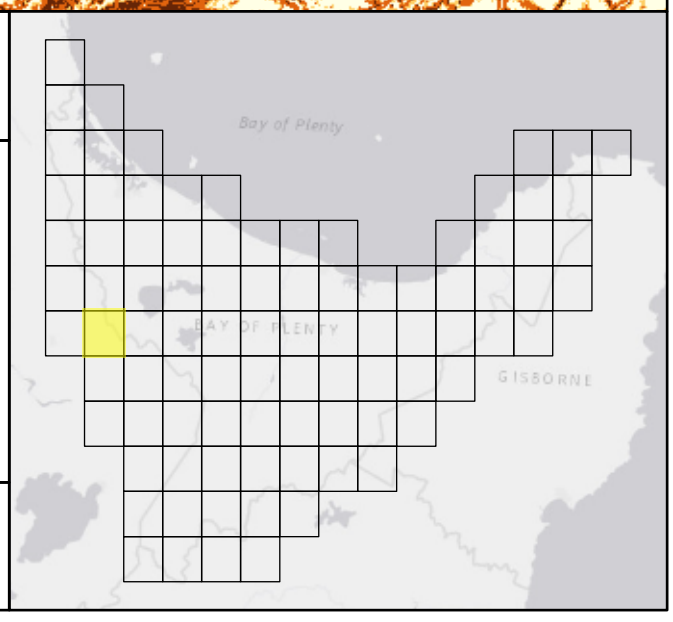
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

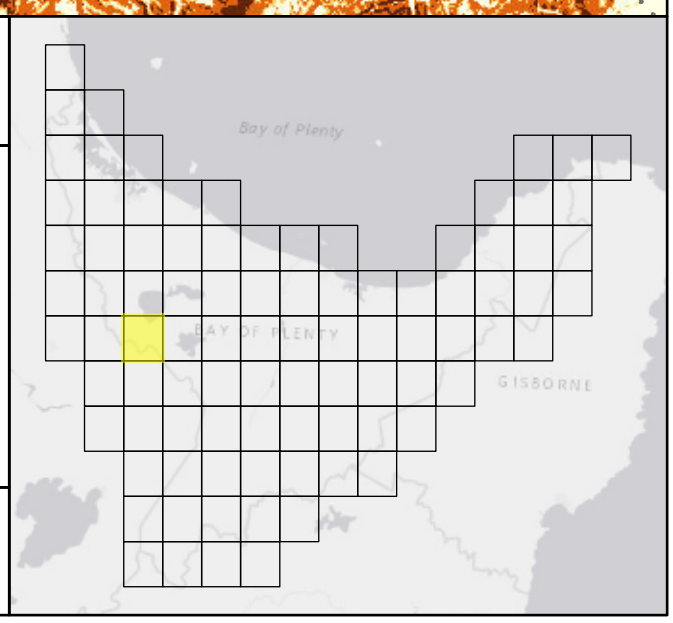
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

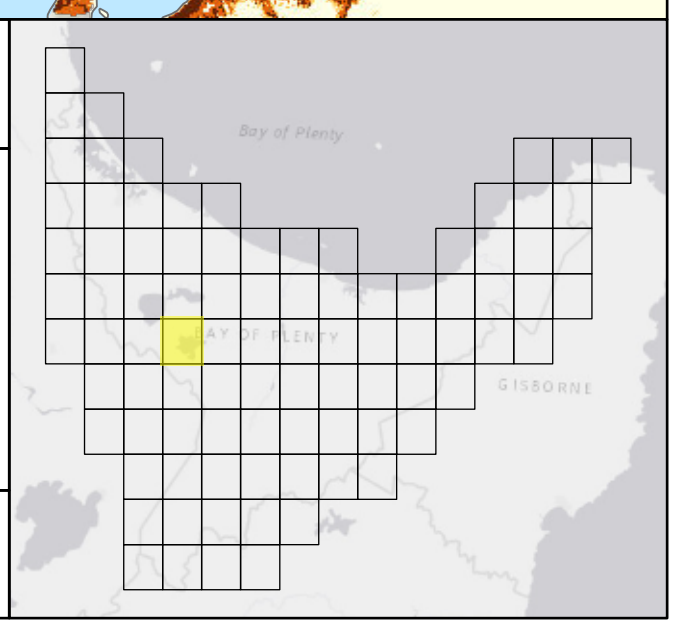
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

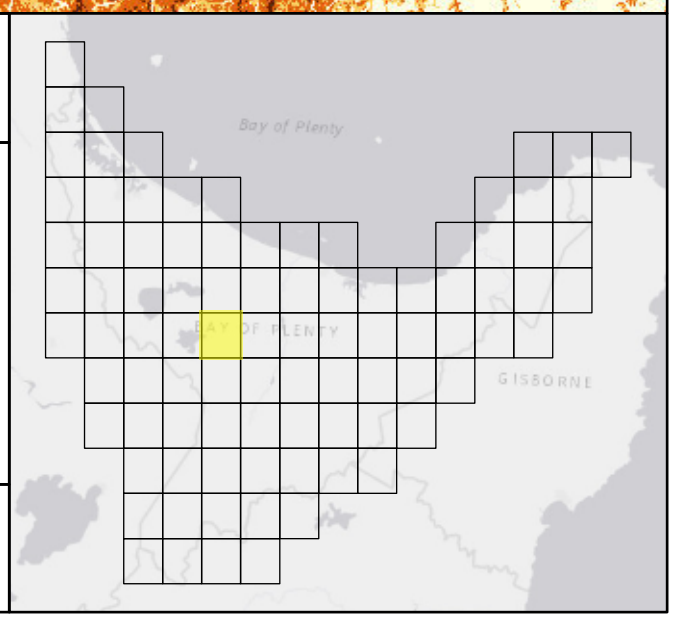
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

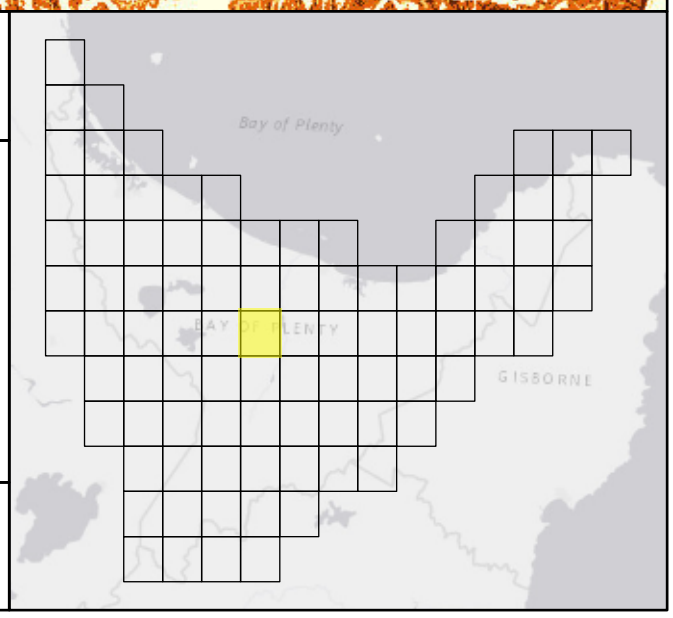
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

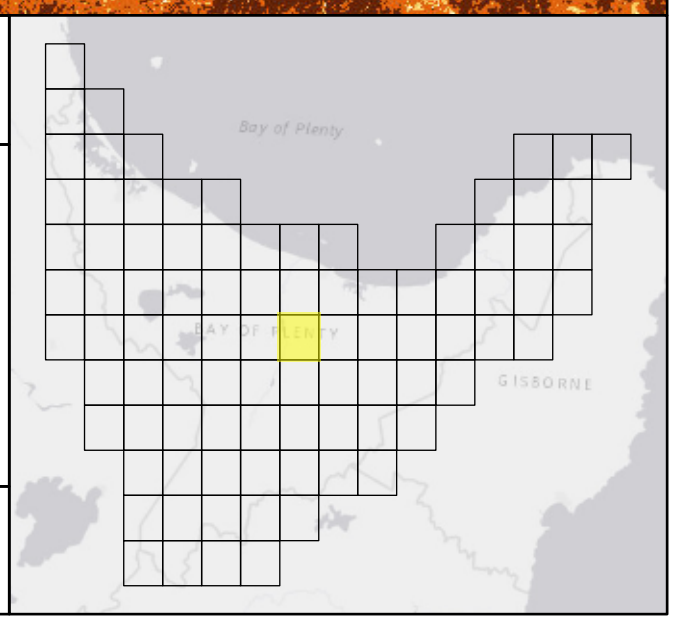
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

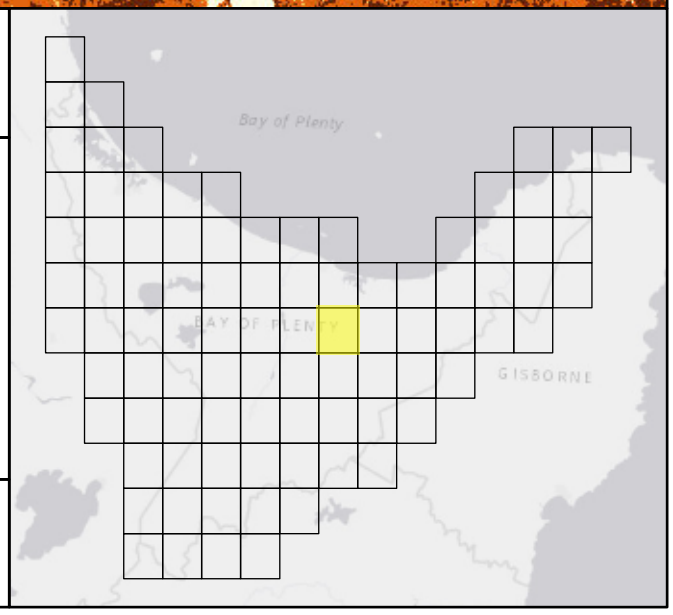
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

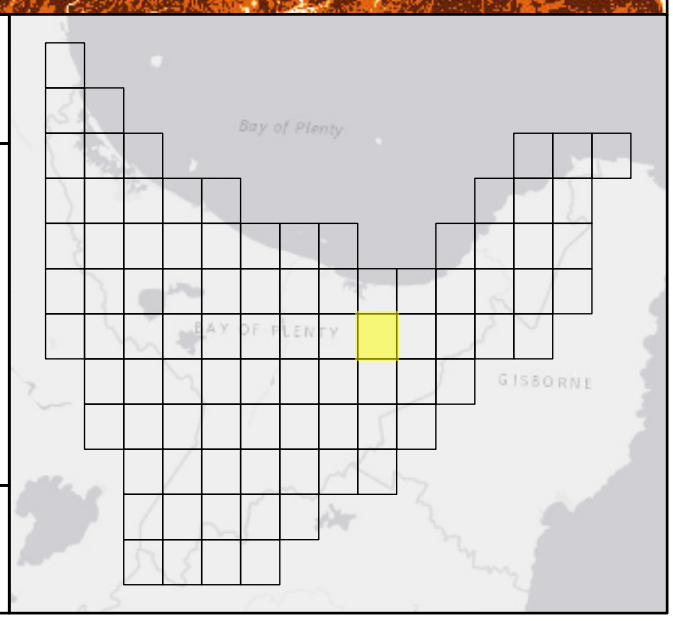
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

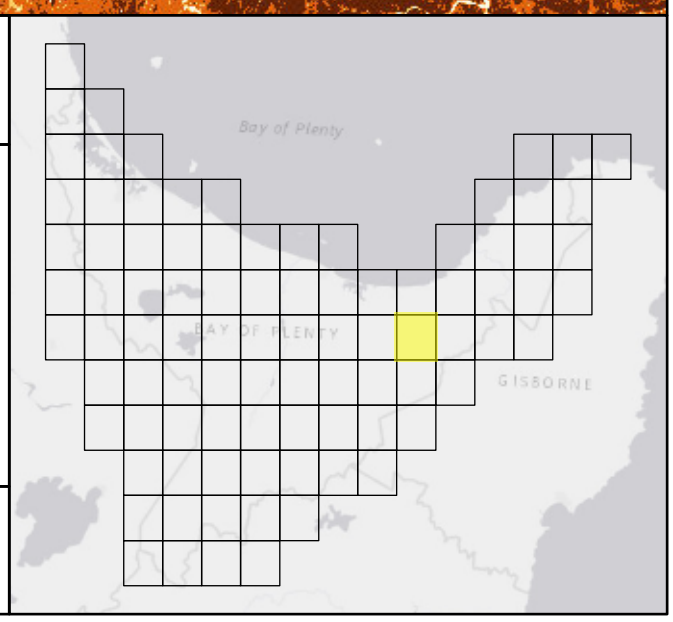
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

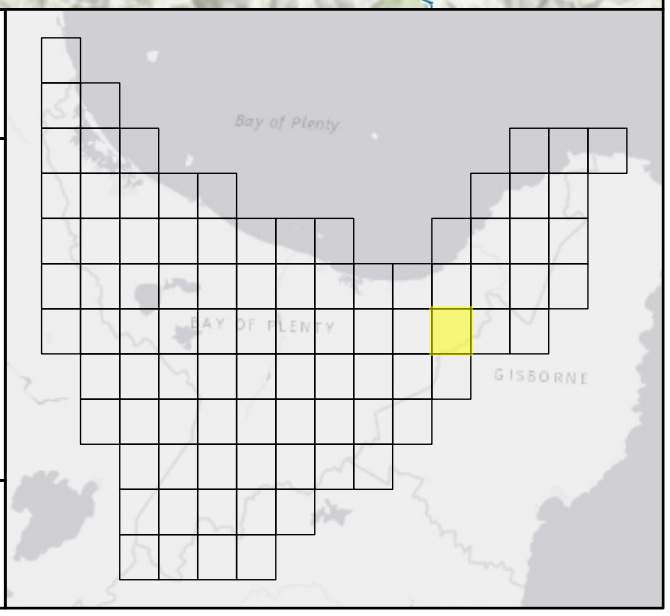
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

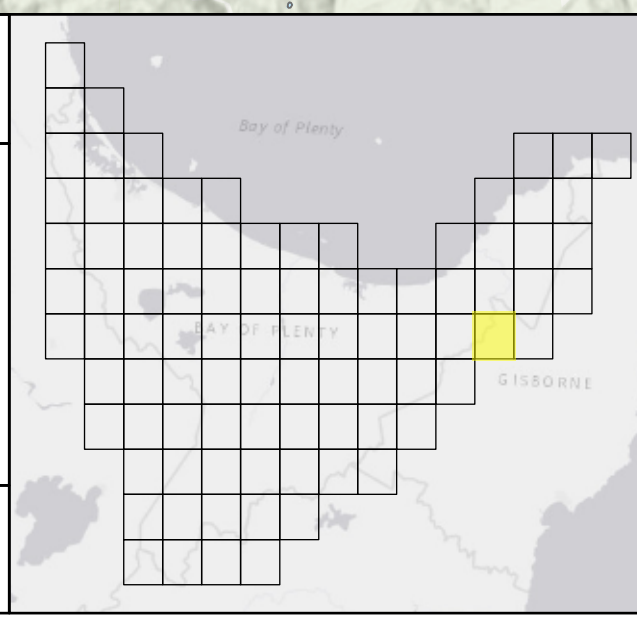
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

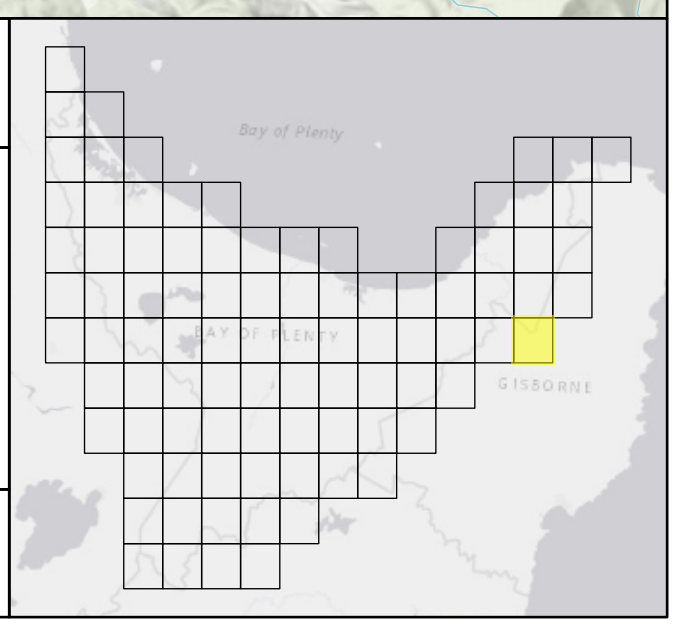
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Upper Ātiamuri

Ātiamuri

State Highway 1

30

1

rohanga Rd

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

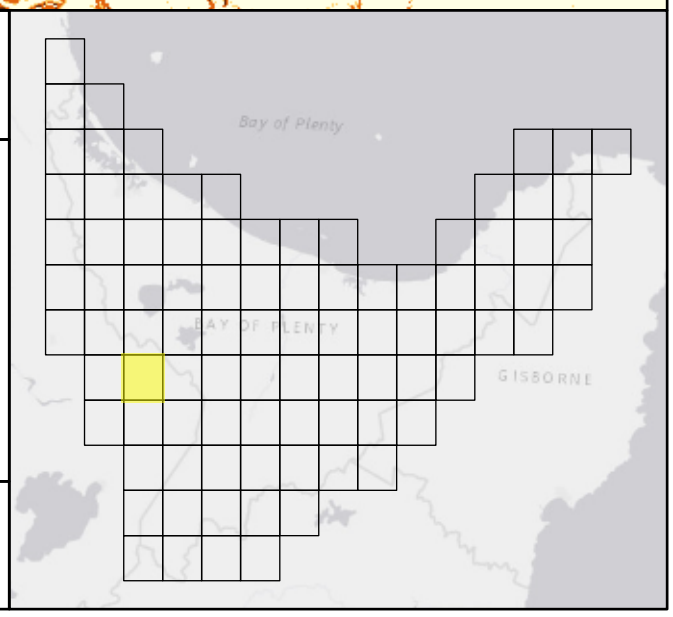
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

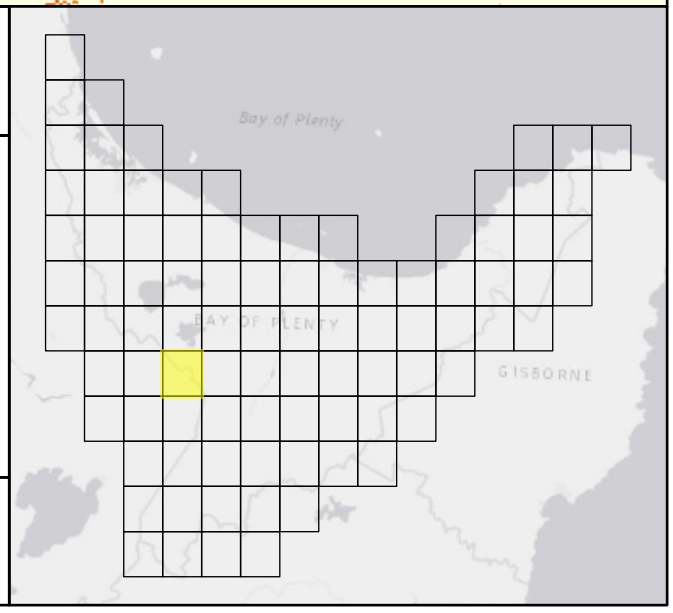
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

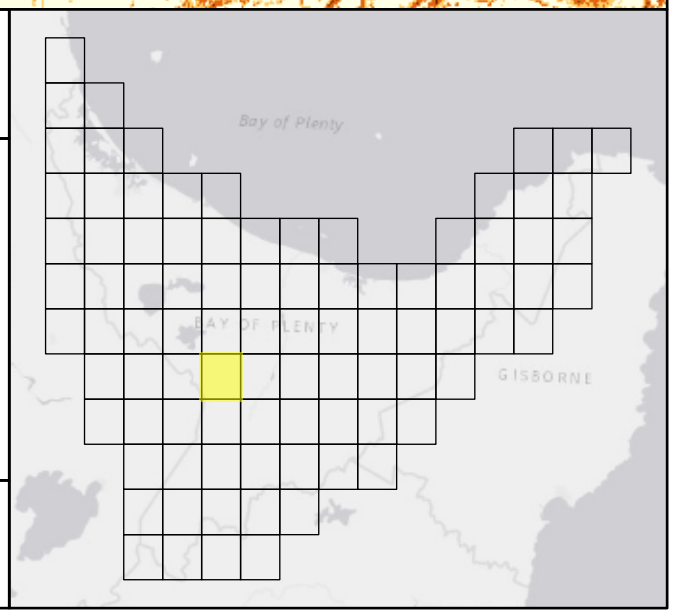
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

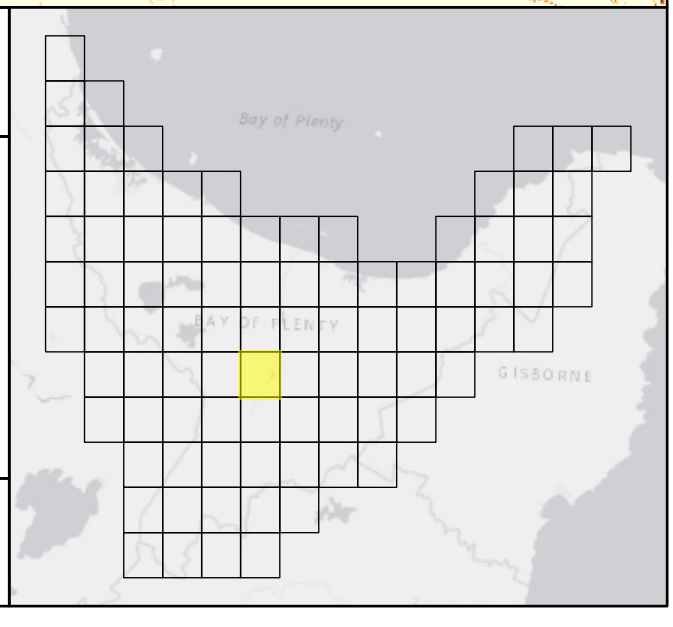
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

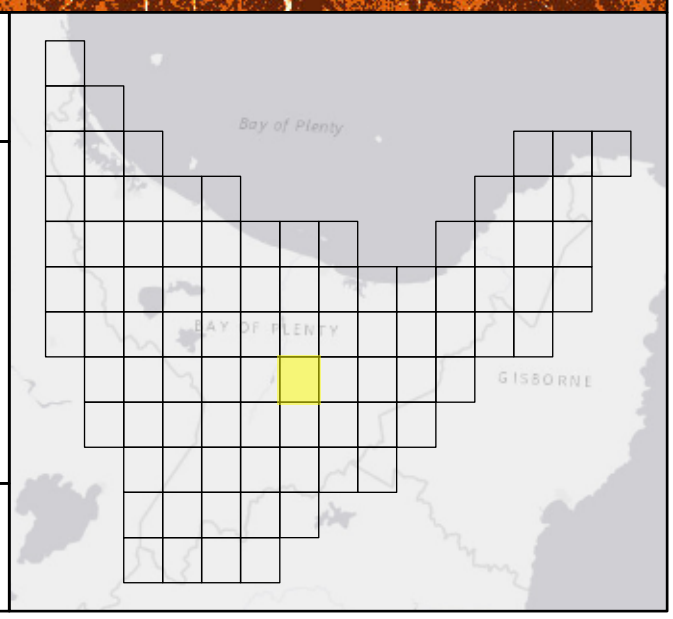
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

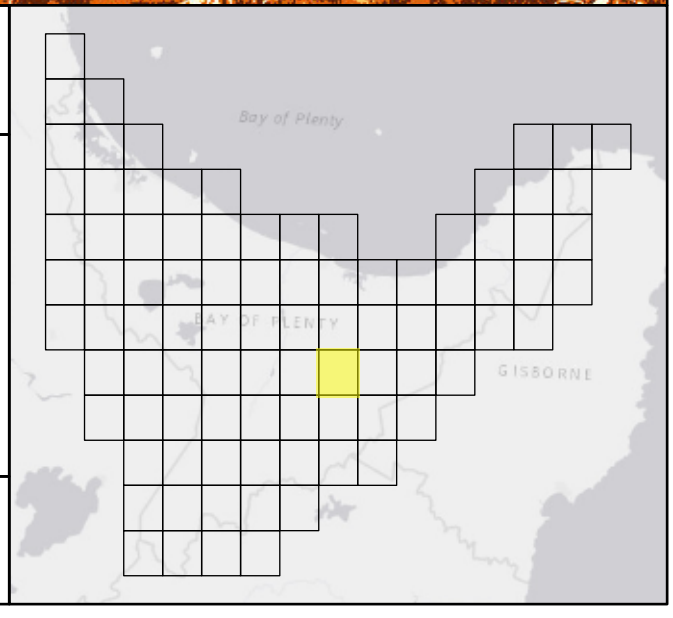
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

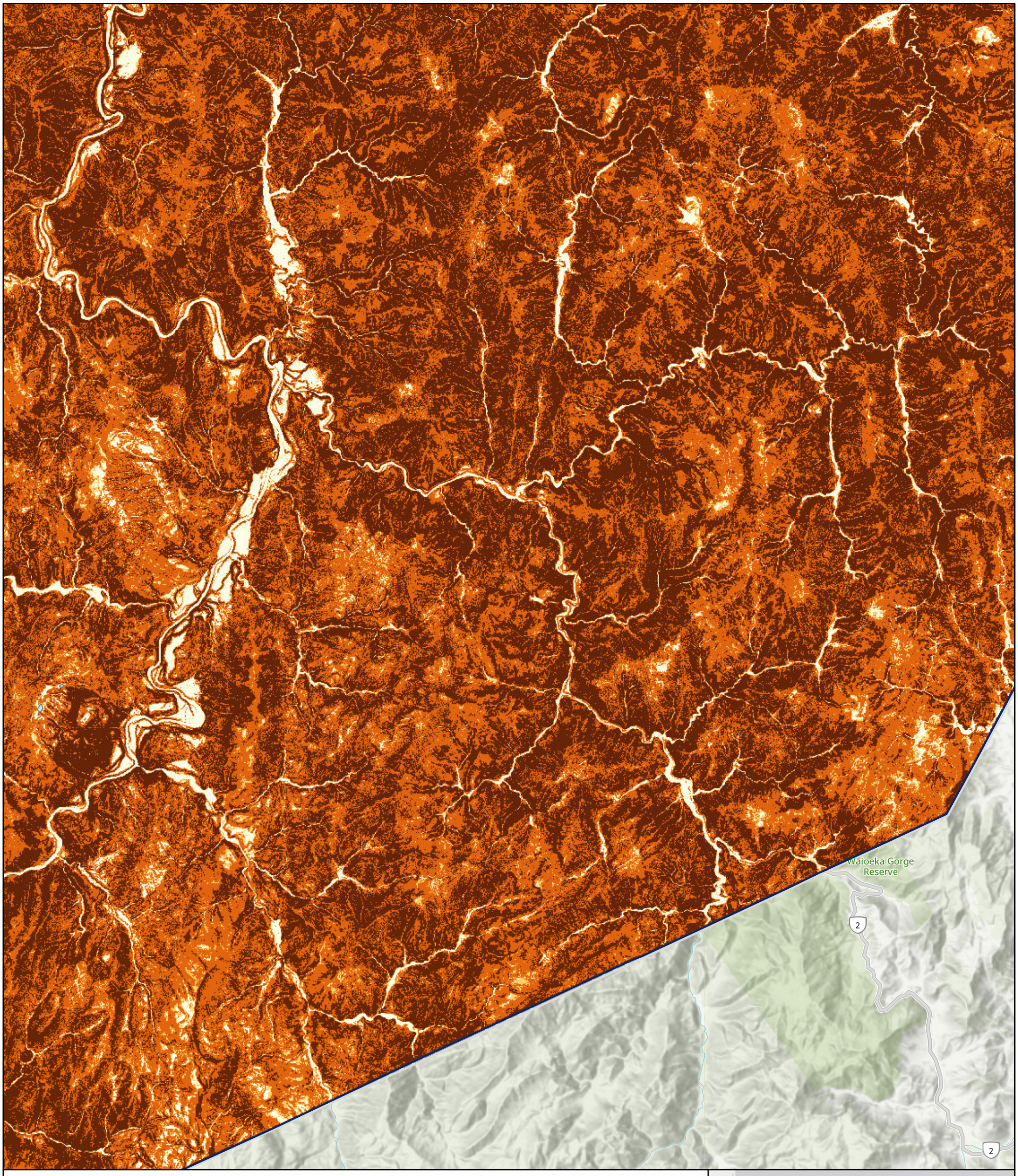
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

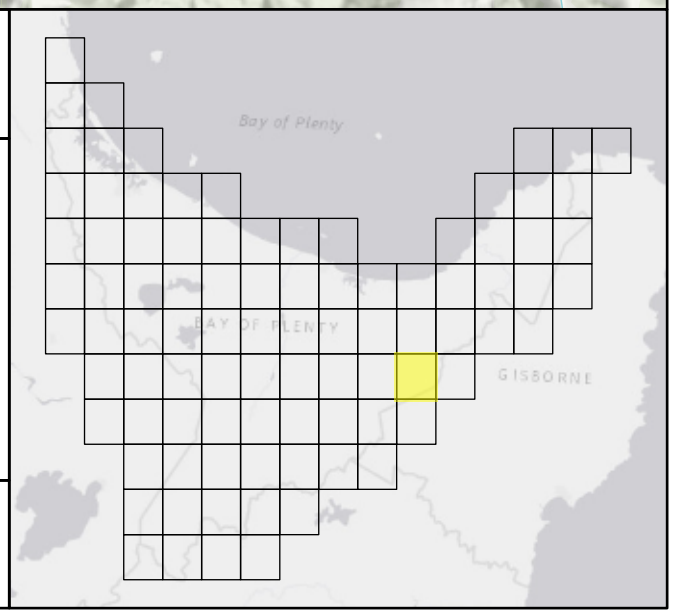
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Whinray Reserve
Motu River
Mōtū
Moutohora
Motu Rd
Motu Rd
Motu Rd
Mātāwai
2
2
2

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

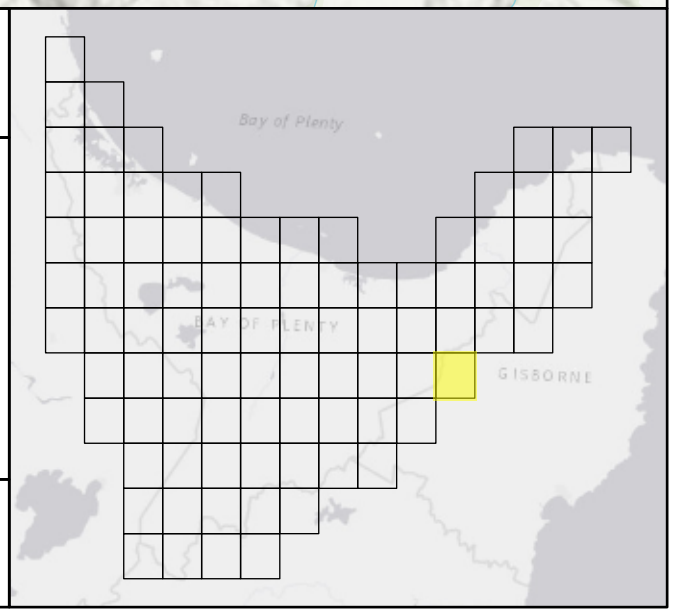
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Orakei P

1

Tutukau Rd

Tutukau Rd

Pakuri Reserve

Te
Pouwhakatutu

Oruanui

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

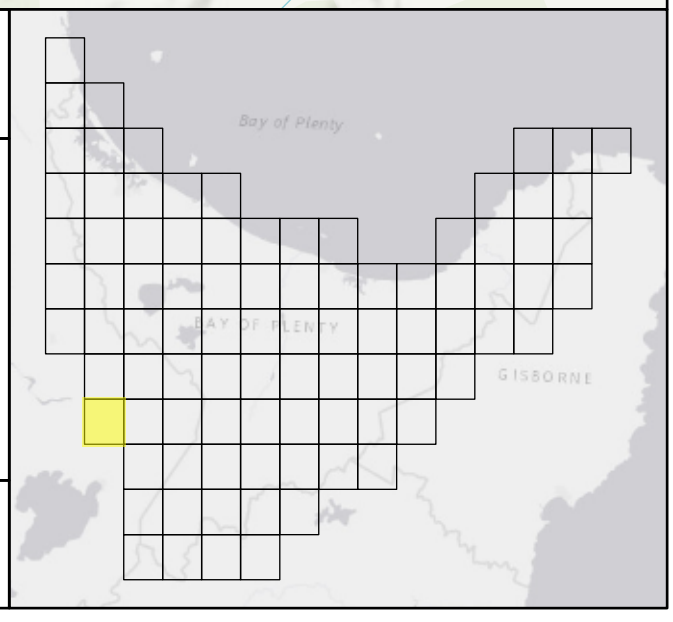
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Waimahaka

Mangamingi

Ohaaki

5

State Highway 5

Tahorakuri

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

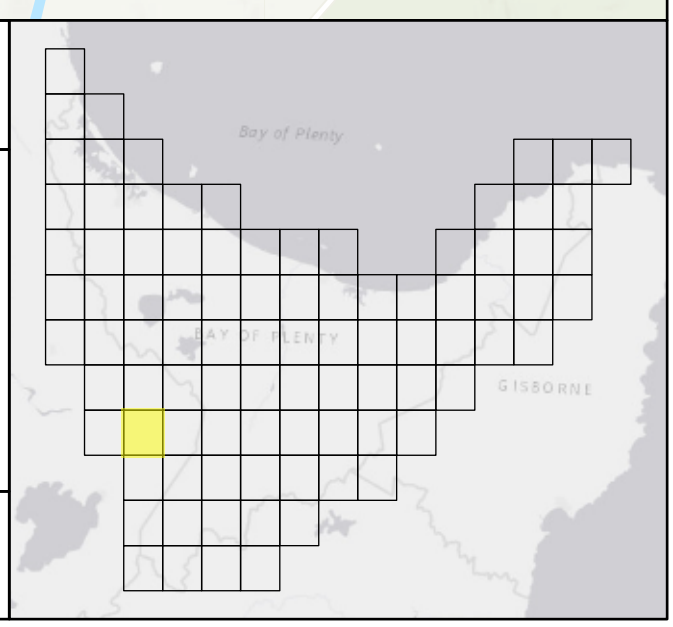
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

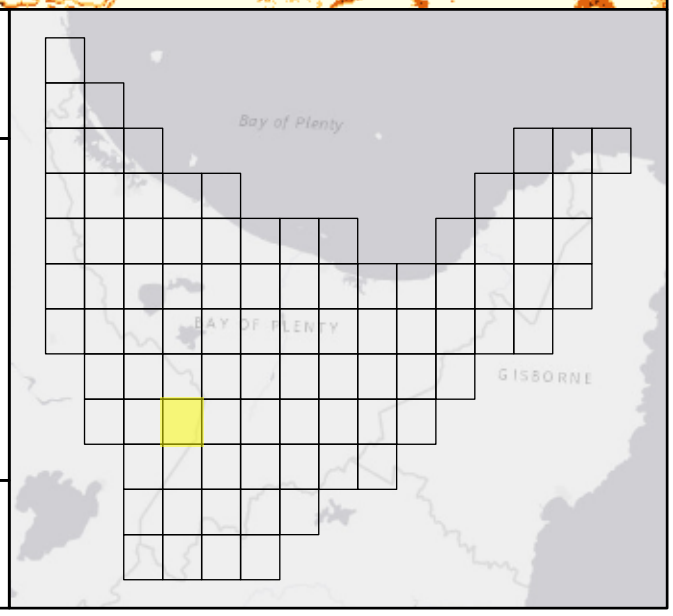
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

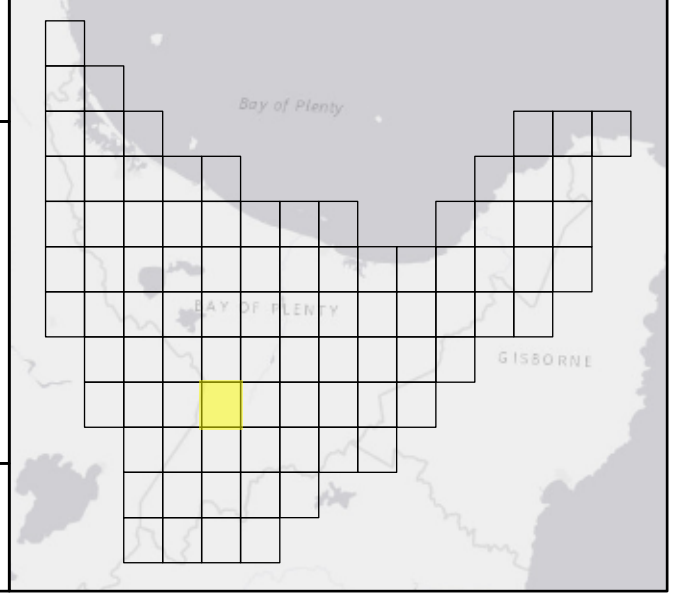
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

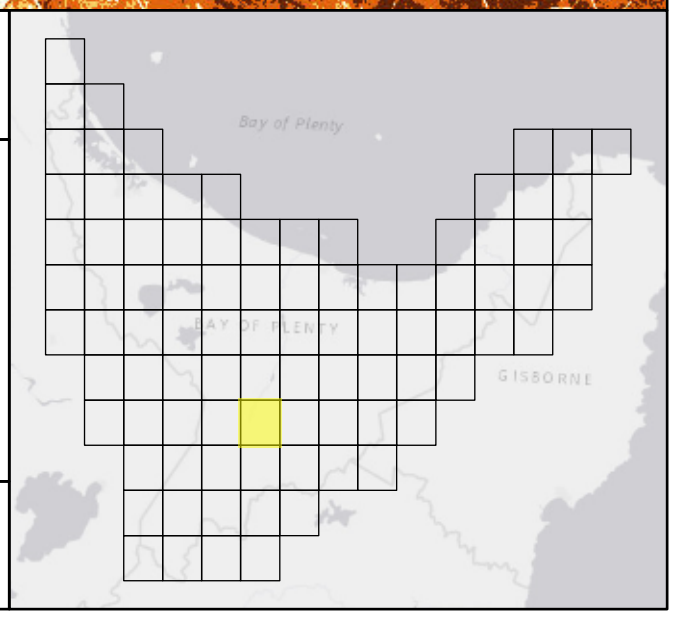
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000
@A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

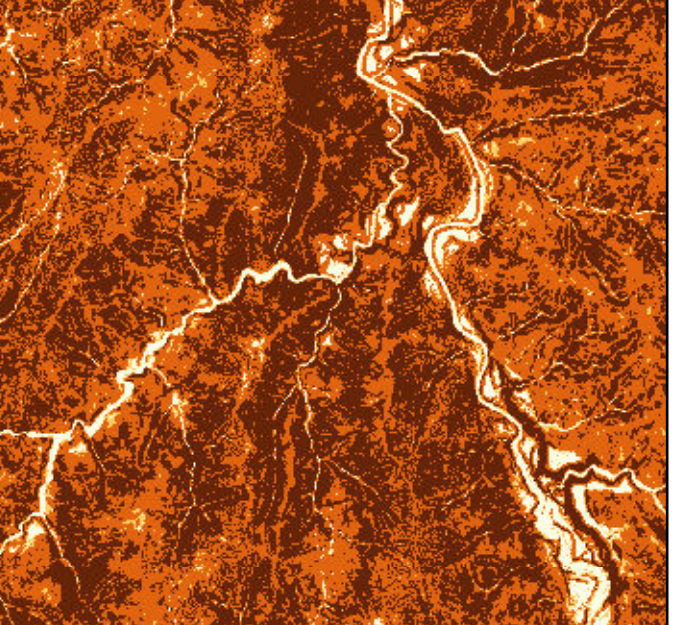
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

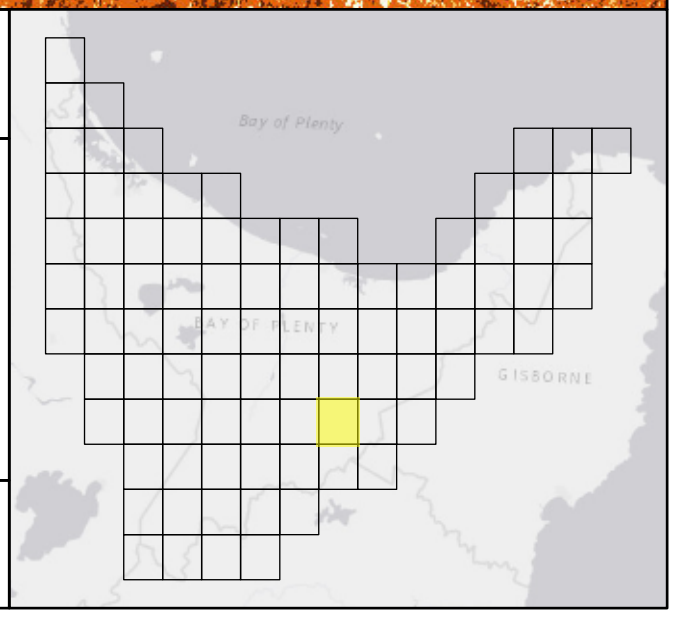
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

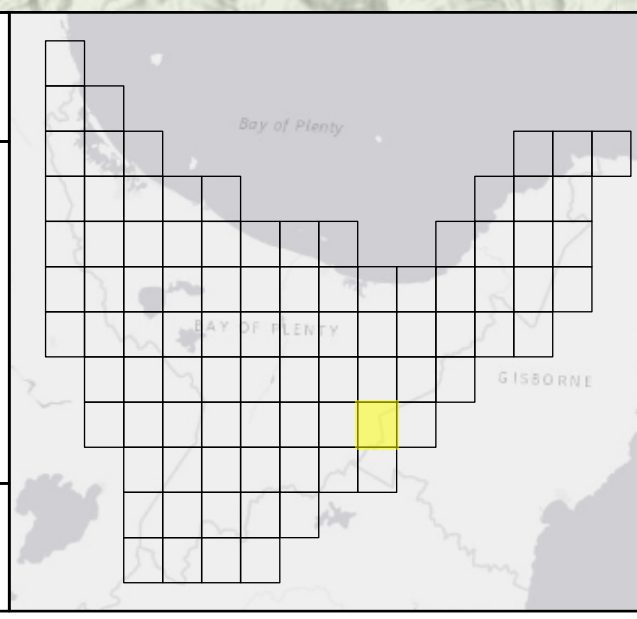
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

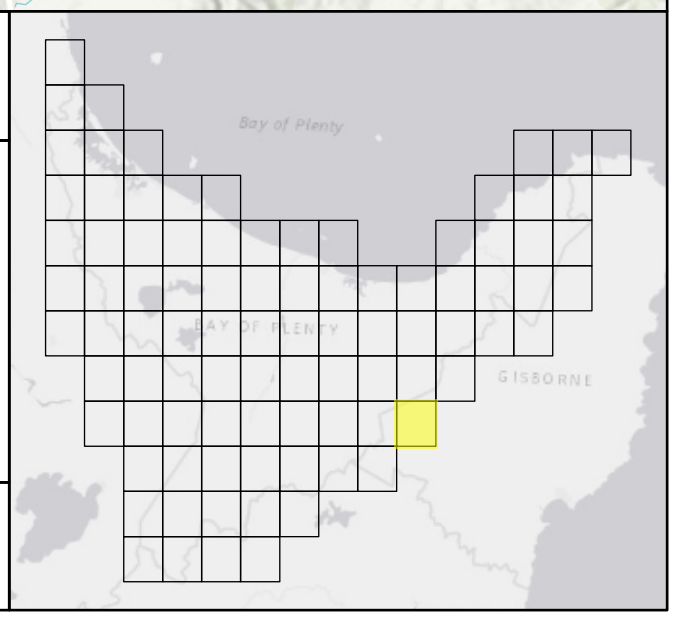
Page Number: 75

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

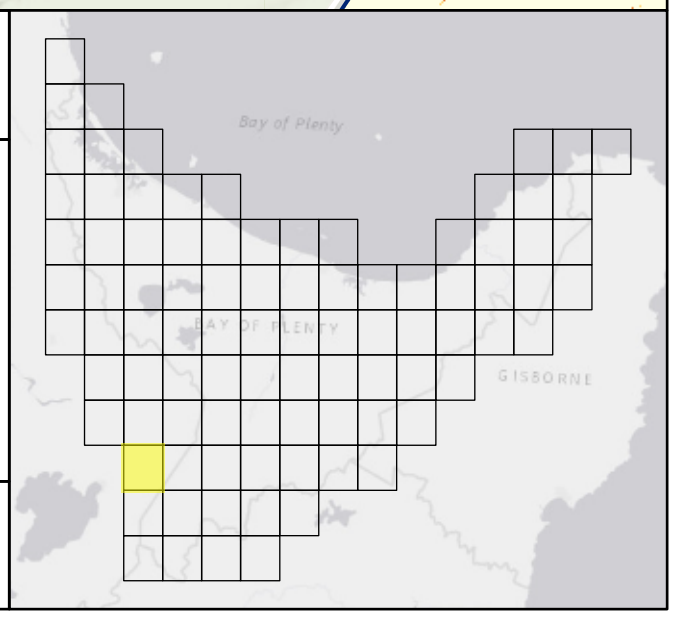
Page Number: 76

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

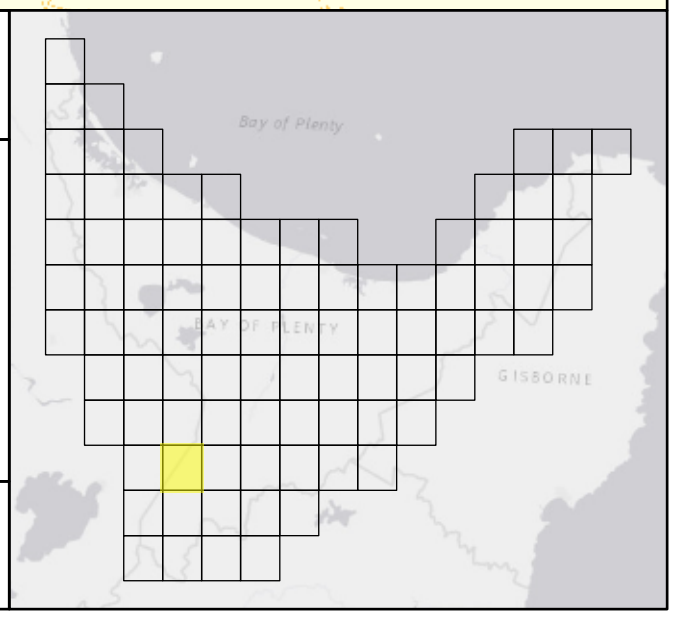
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

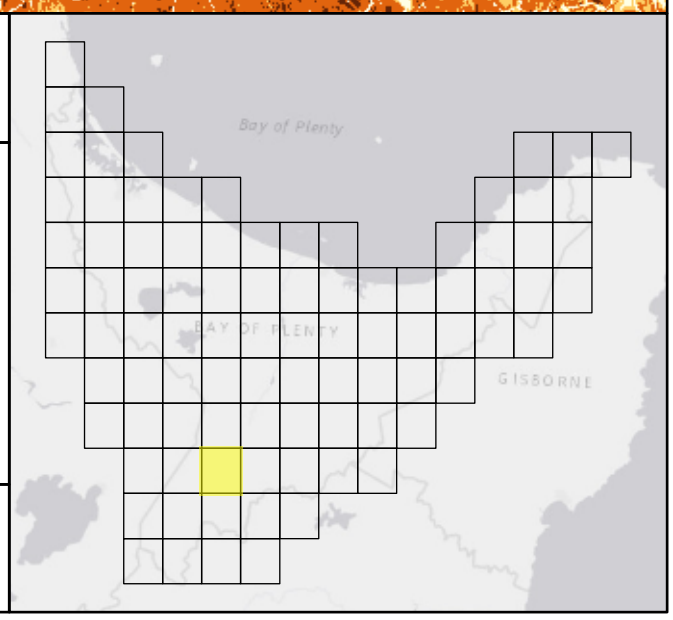
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

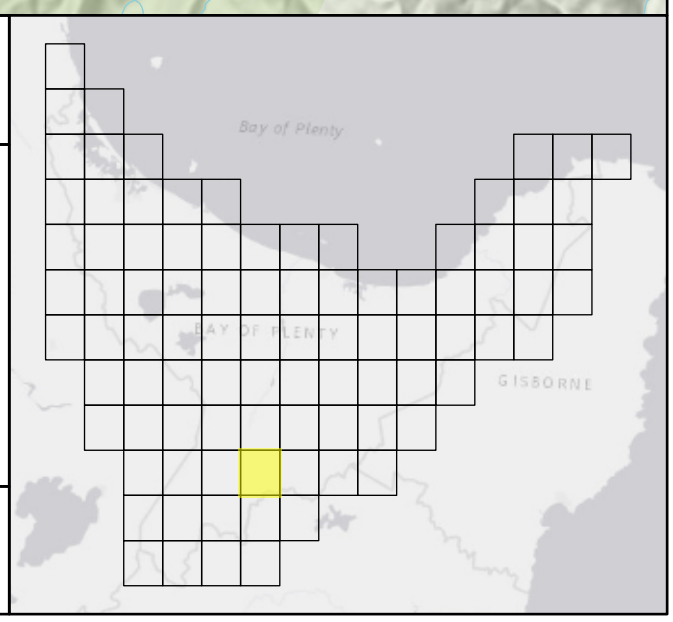
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

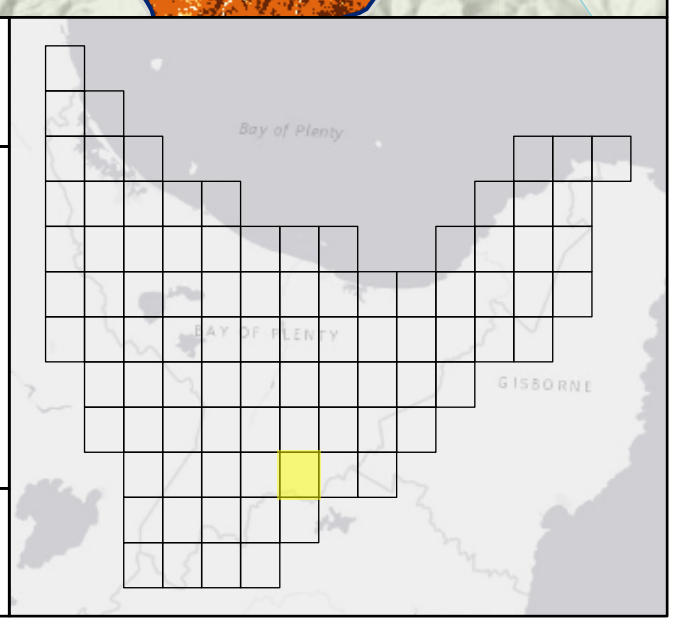
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Manuoha

Waikaremoana Rd

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

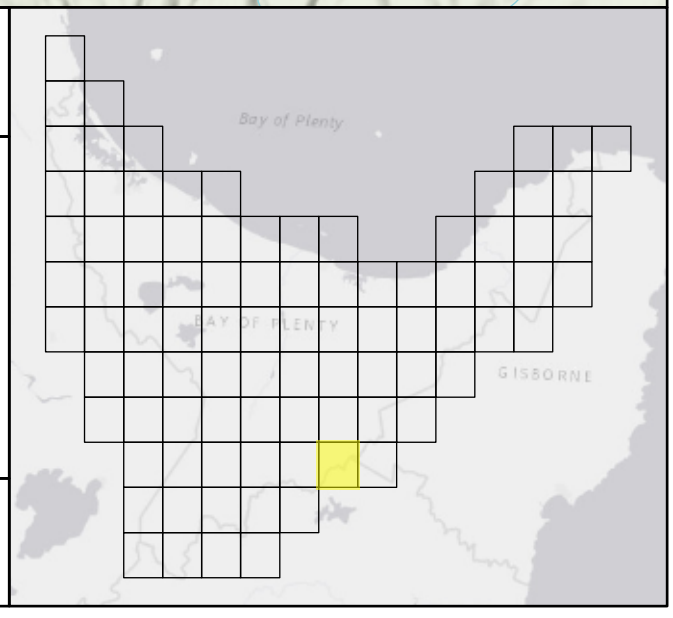
Page Number: 81

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Ruakituri Reserve

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

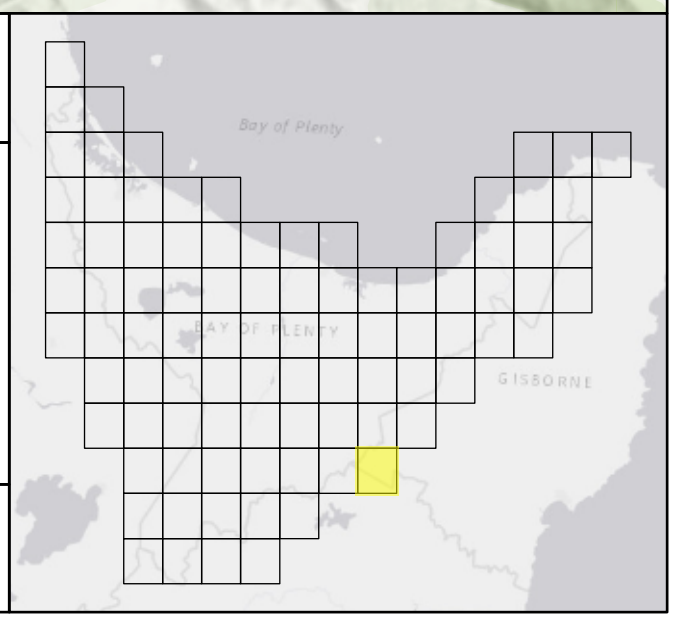
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Opepe Bush Reserve

Opepe Bush Reserve

High Level Rd

5

High Level Rd

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

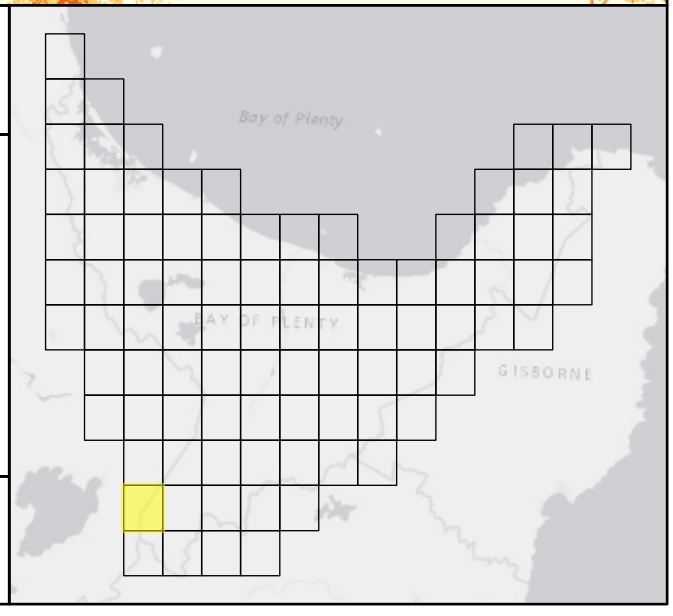
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

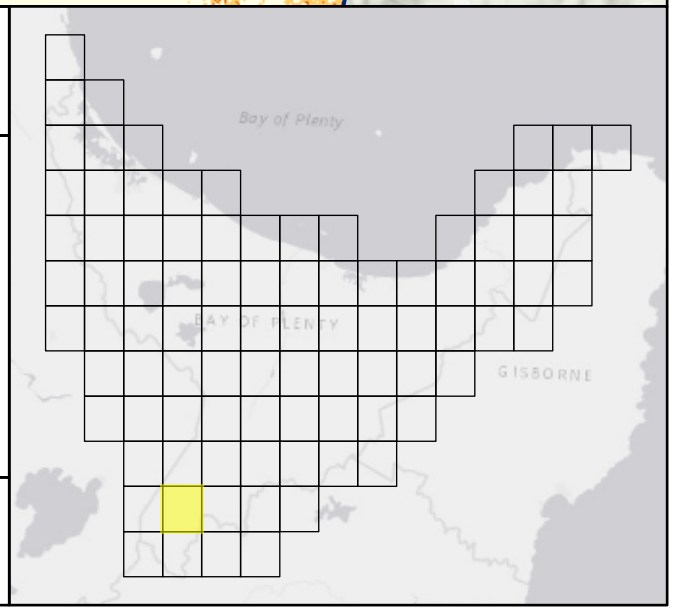
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

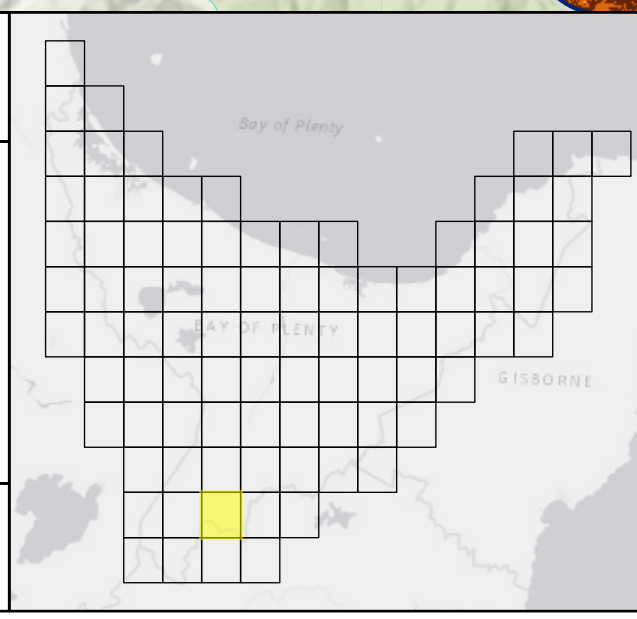
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Whirinaki Te Puatane Conservation Park

Maungataniwha

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

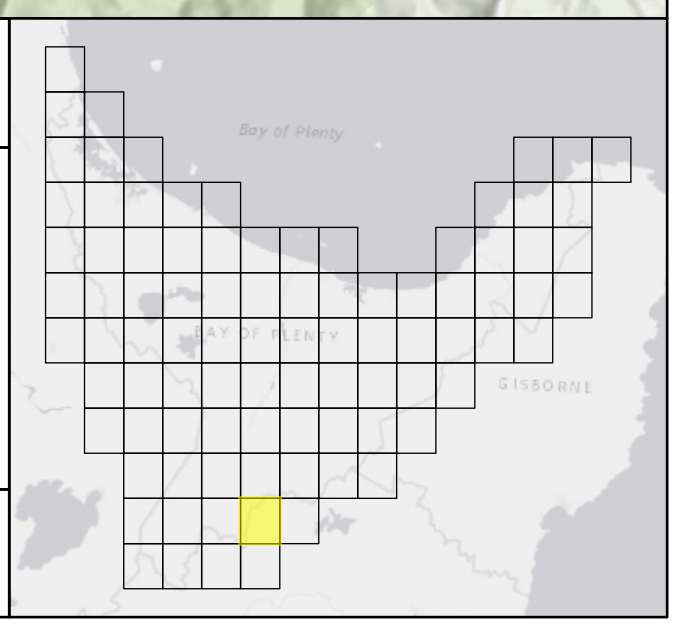
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

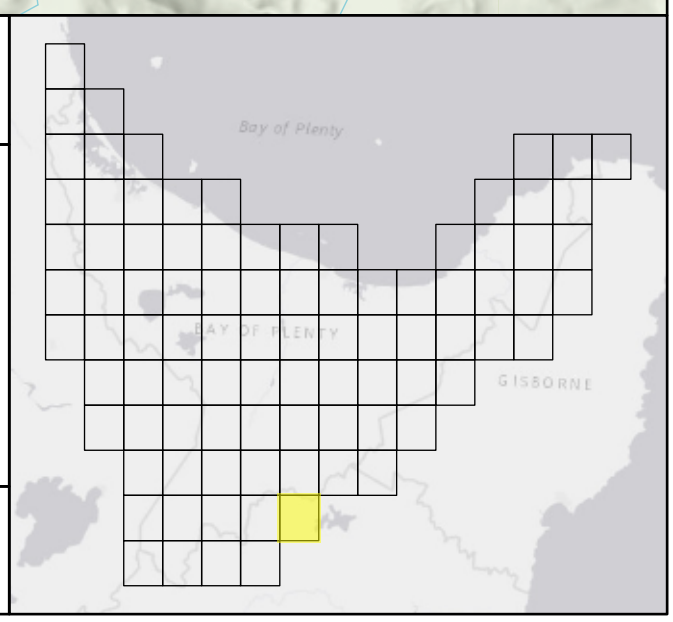
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

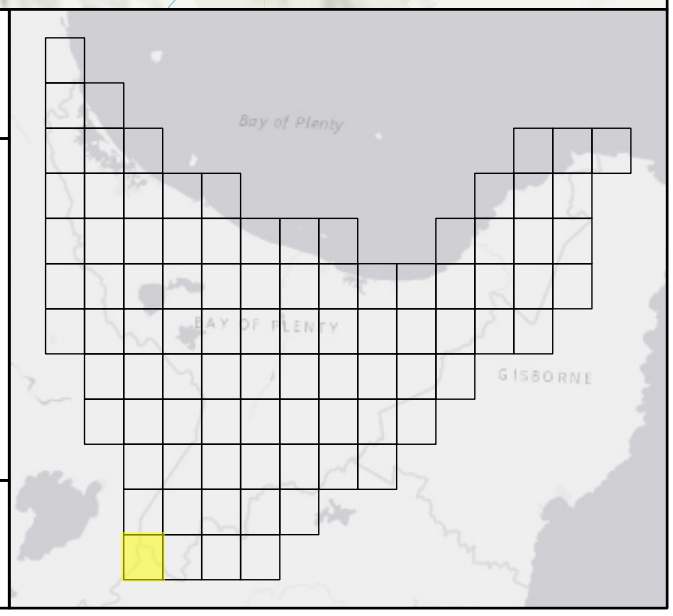
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

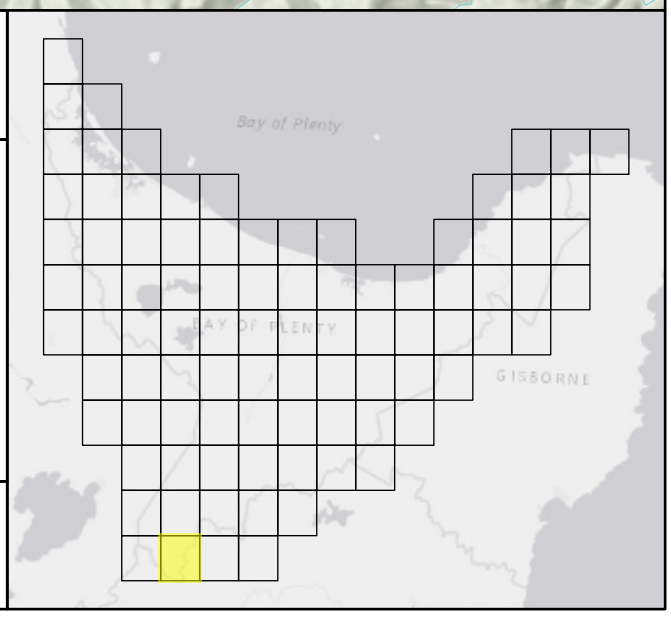
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Waipunga Falls Reserve

Pohokura

5

Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

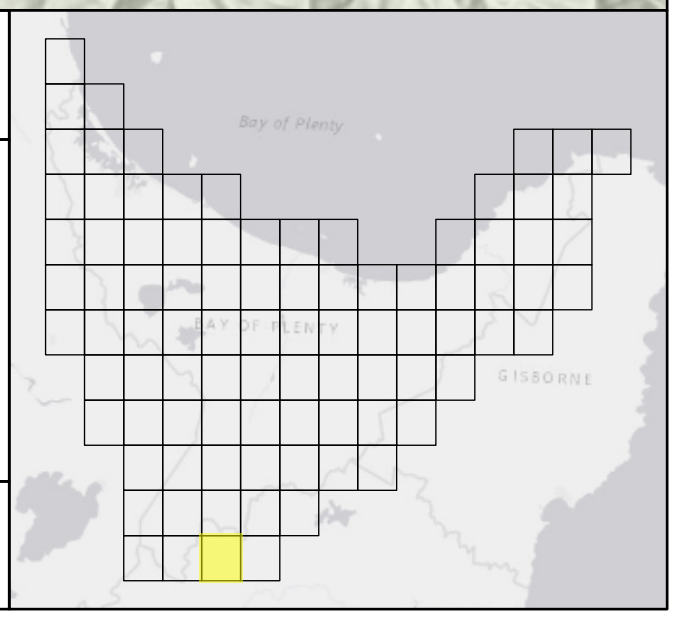
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Earthquake Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

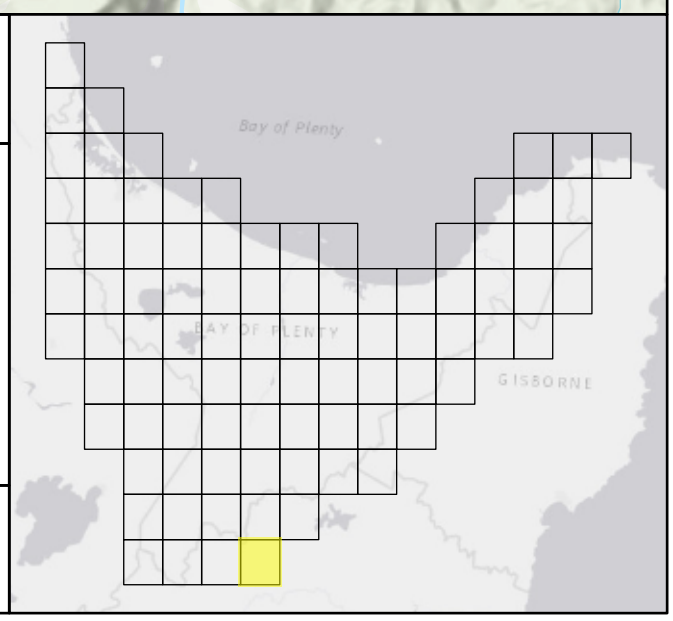
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Parakiwai
Waiharakeke
Papakura Bay
Waimana Bay
Whiritoa
Mataora Bay
kamoehau
Orokawa Reserve
Golden Valley
Boat Bay
Waihi
Kenny St
Golden Valley Rd
25

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

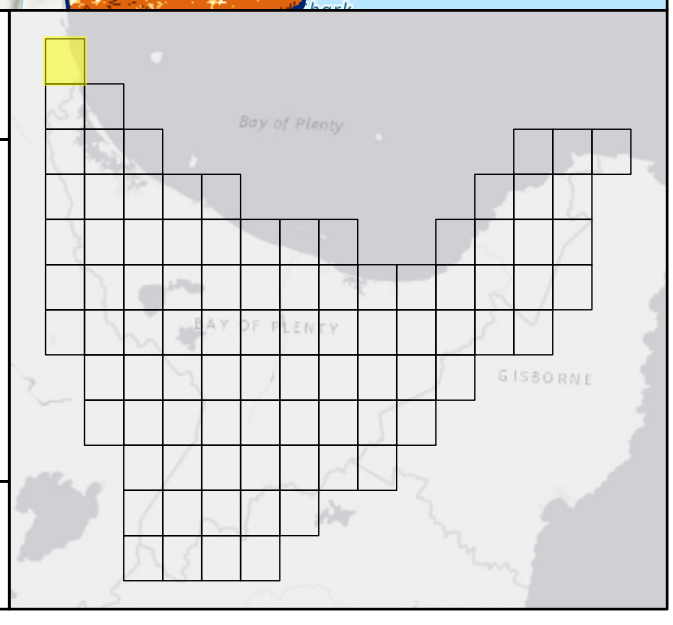
Page Number: 1

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

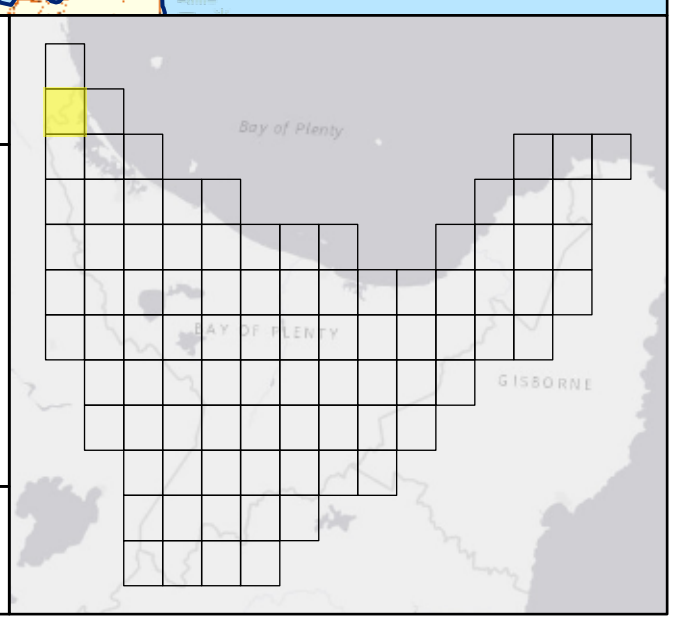
Page Number: 2

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Katikati Entrance

Karewa Island

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

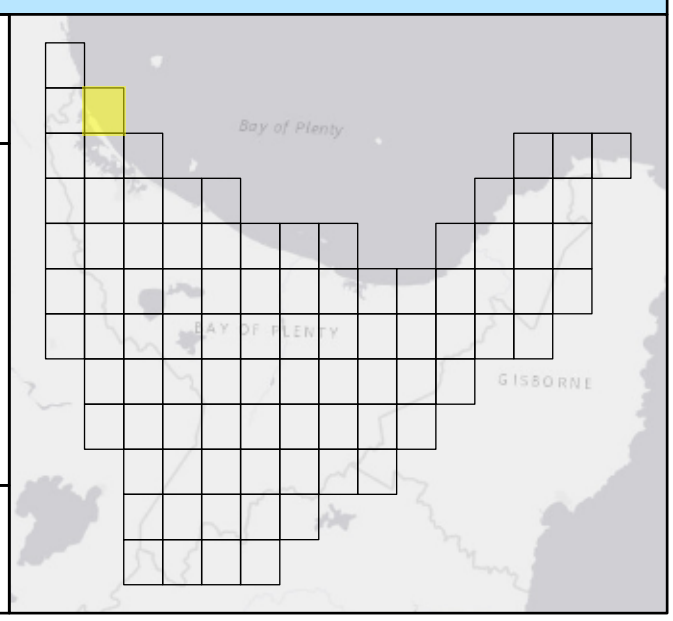
Page Number: 3

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rereatukahia Estuary

Nairakau Reserve

Ngatamah

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

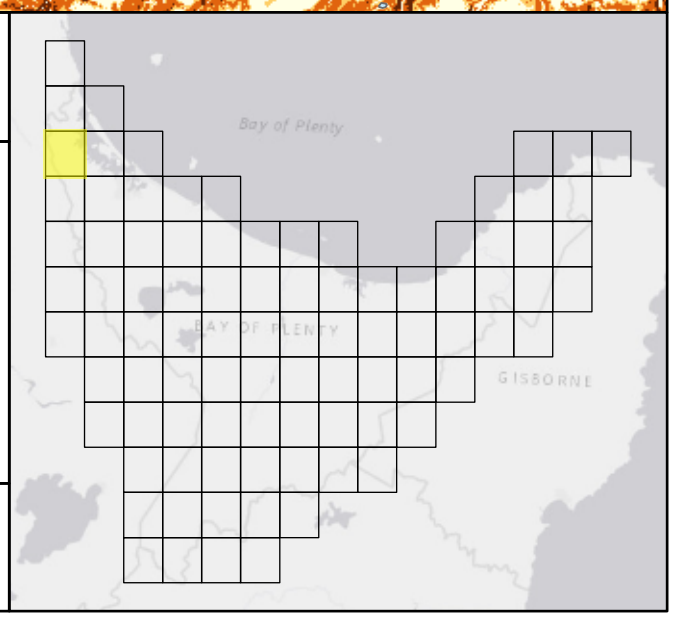
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Karewa Island

Blue Gum Bay

Tauranga Harbour

BARGE

Matua

Bellevue

Tilby Channel

Western Ch

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

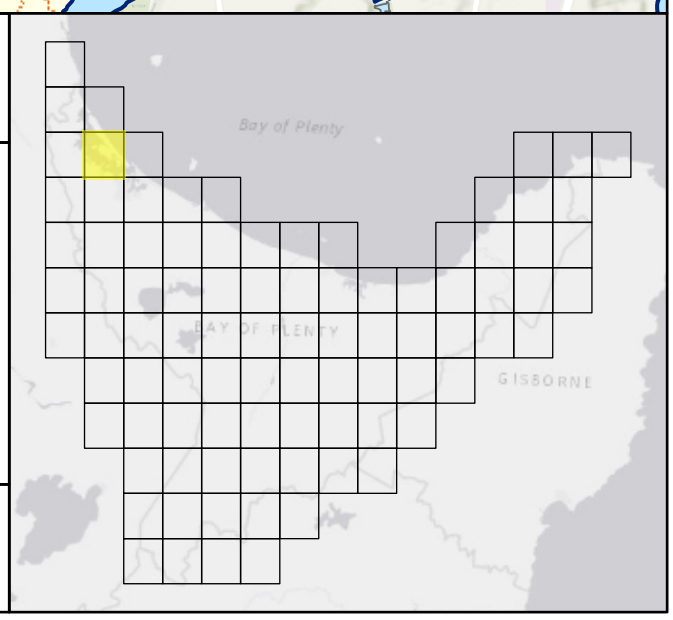
Page Number: 5

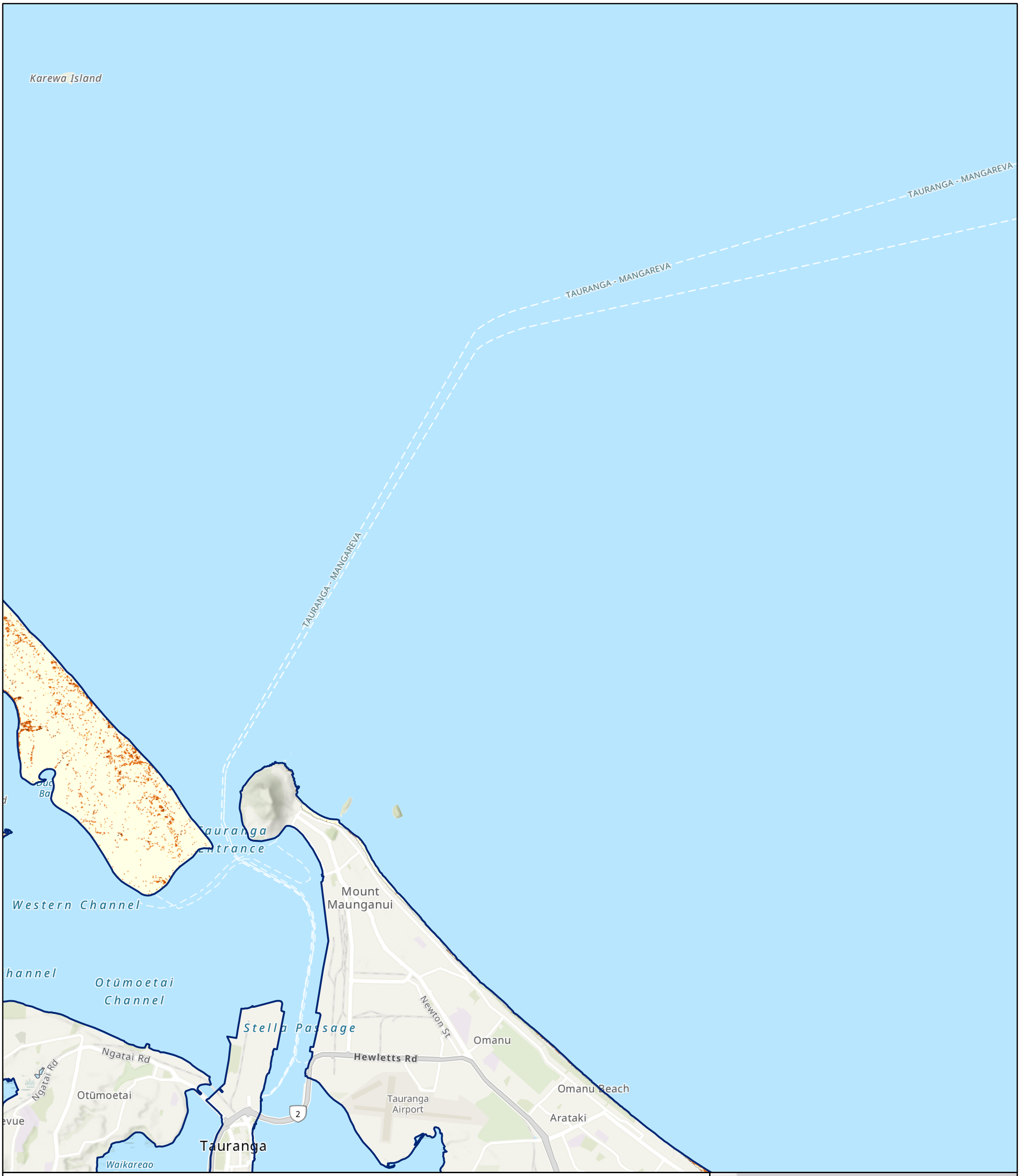
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

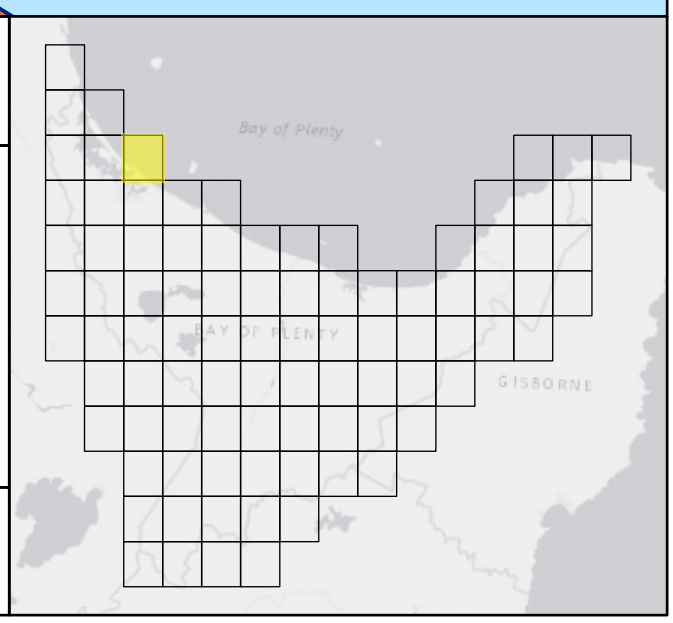
Page Number: 6

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

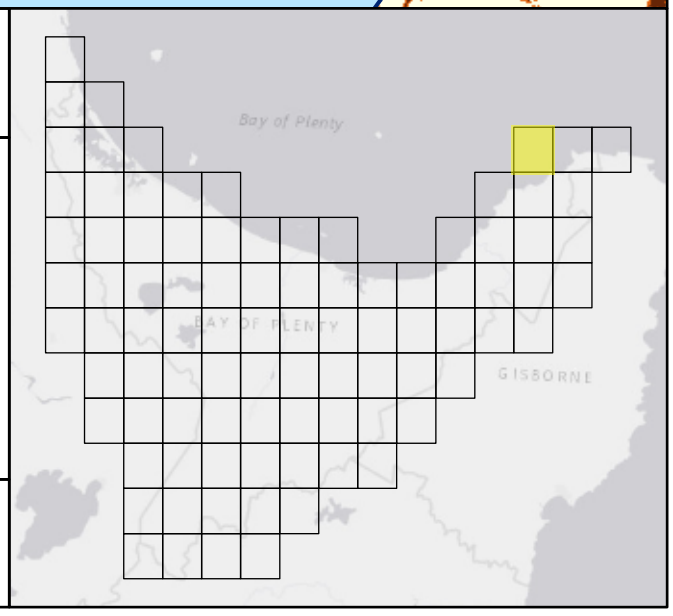
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Otarawhata Island

Pohueuorau Bay

Kopong Ba

Bay

Te Rangihar Bay

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

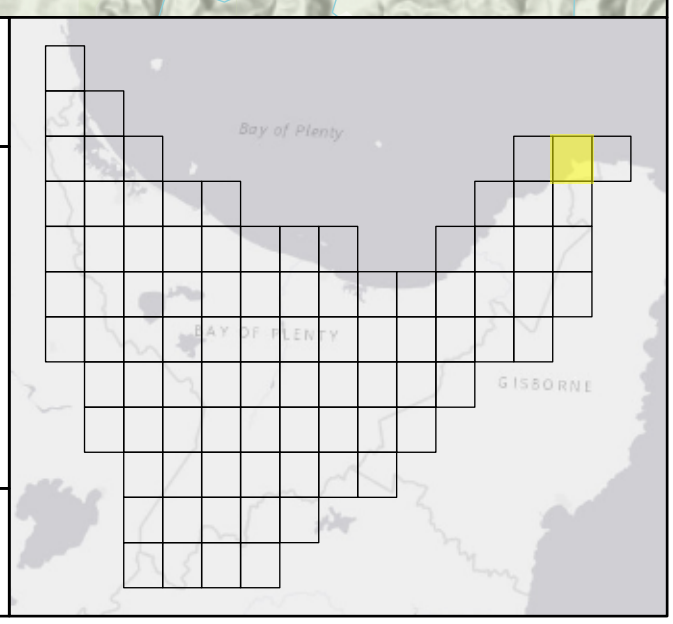
Urban Area

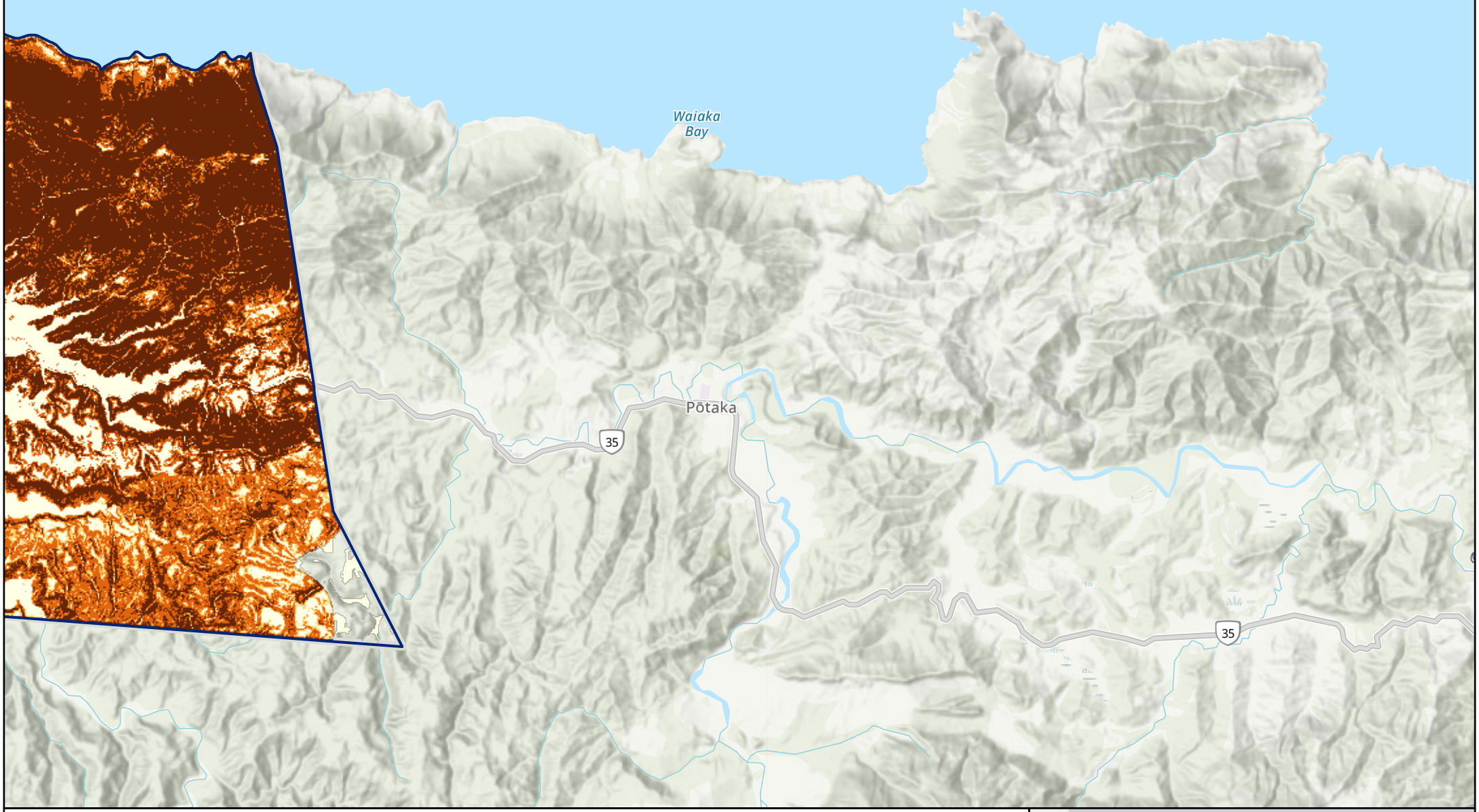
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

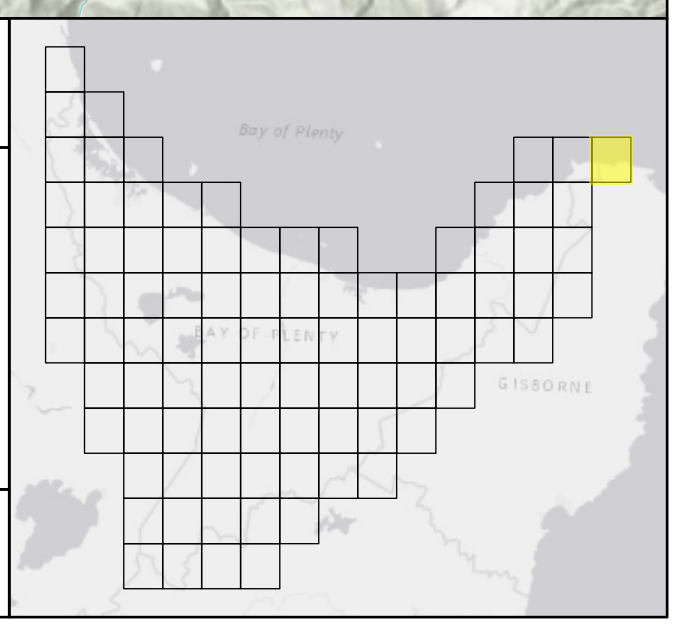
Page Number: 9

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Gordon
Tower Rd
Maurihoro Reserve
Wairere Falls Reserve
Turangaomoana
Tower Rd
Kaimai Mamaku Conservation Park
Gordon Park
Okauia
Te Ohaki Pa
Okauia Pa
24
Taihoa

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

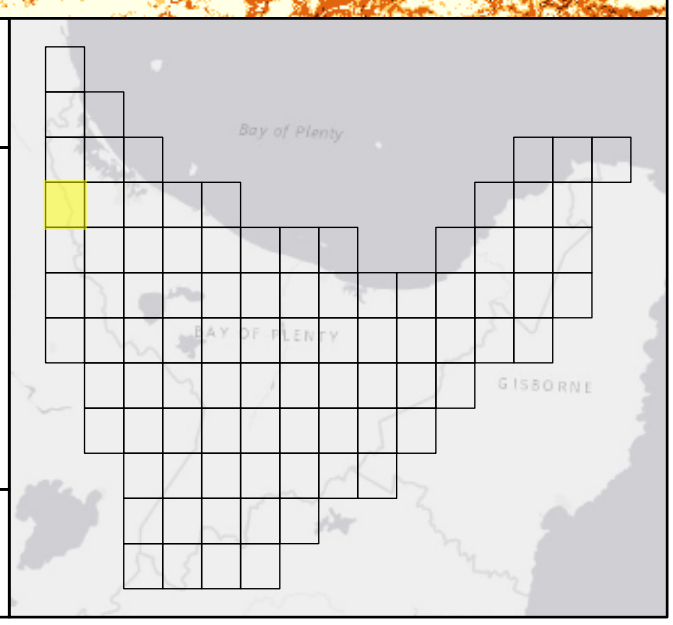
Page Number: 10

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

Page Number: 11

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

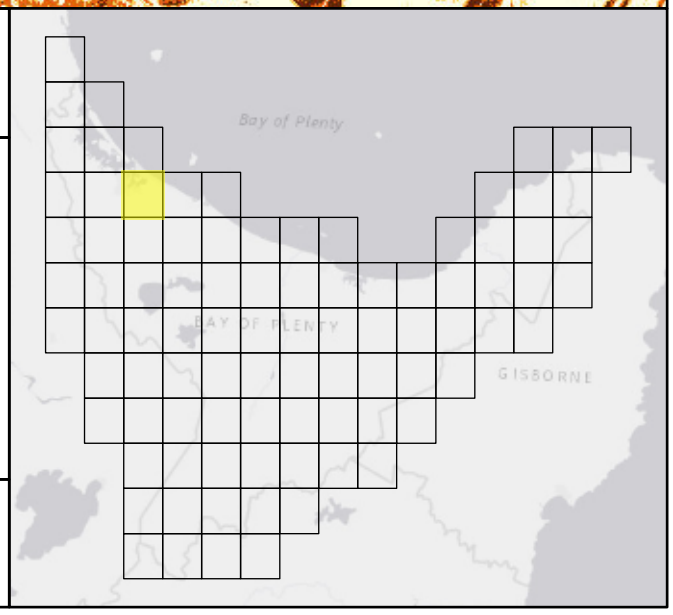
Page Number: 12

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Papamoa Beach

Papamoa Beach Rd

Tauranga Ea

Maketu Estuary

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

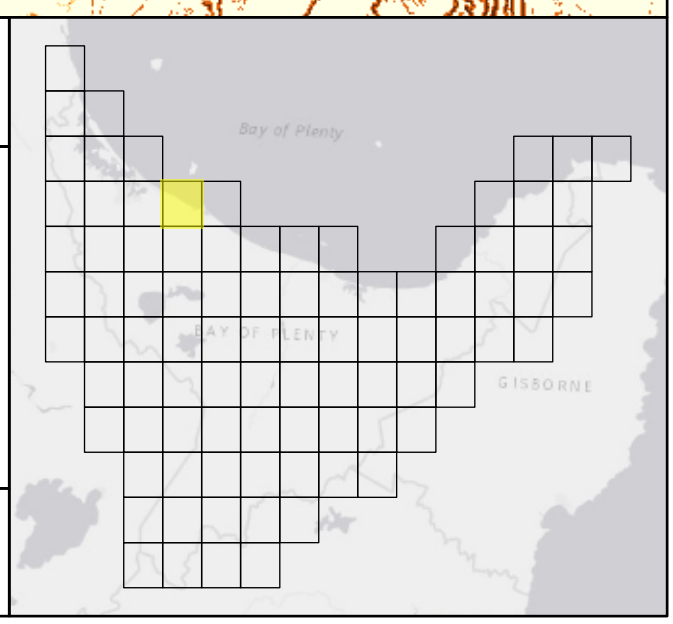
Urban Area

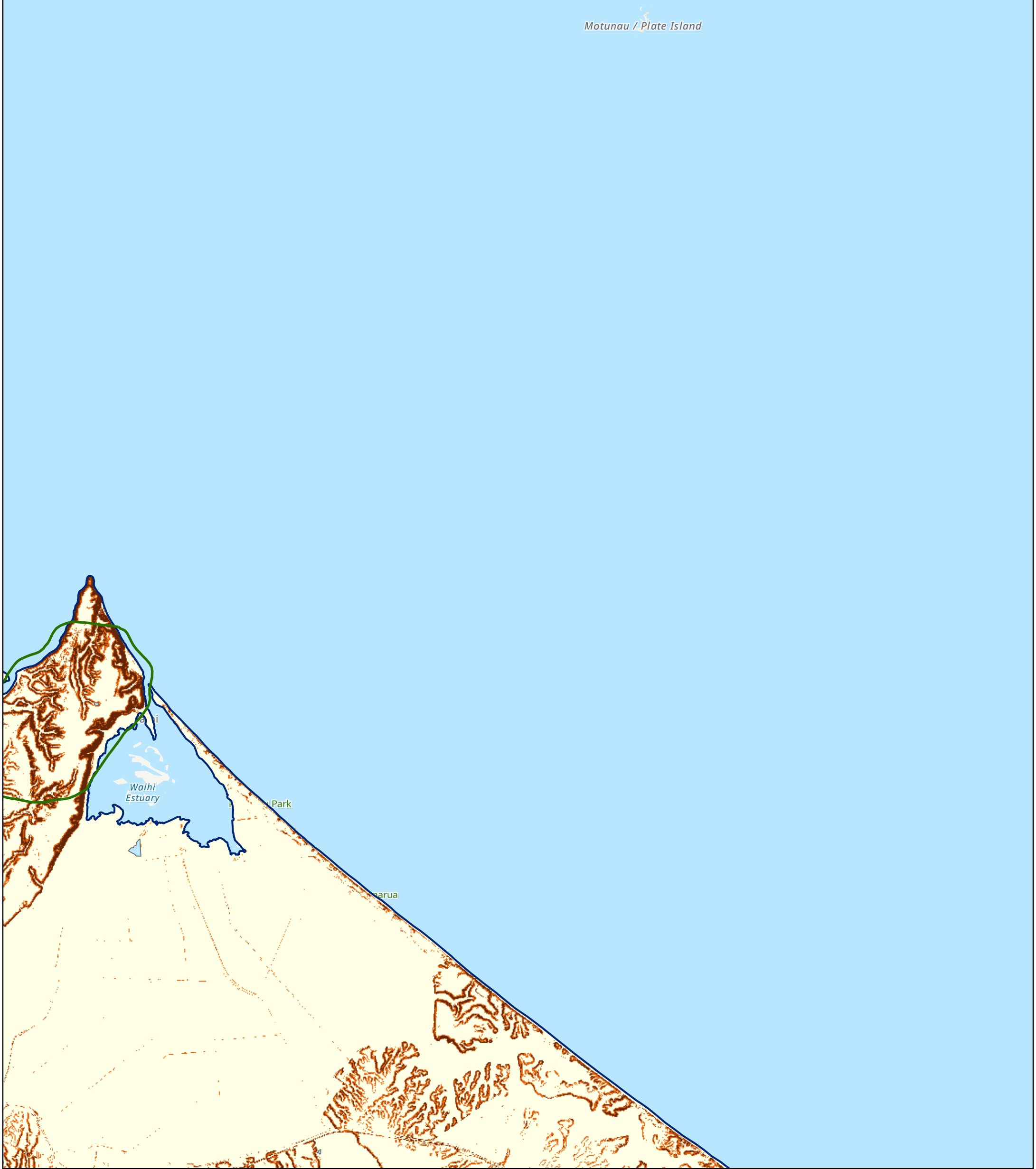
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

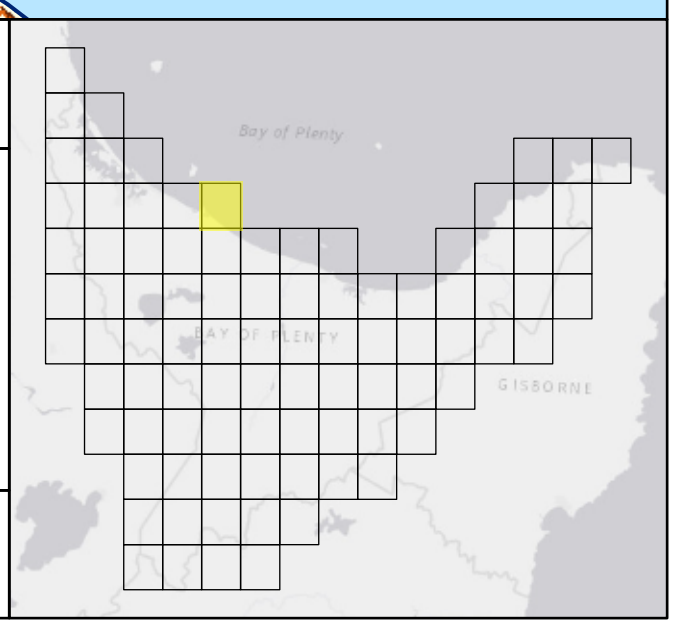
Page Number: 14

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

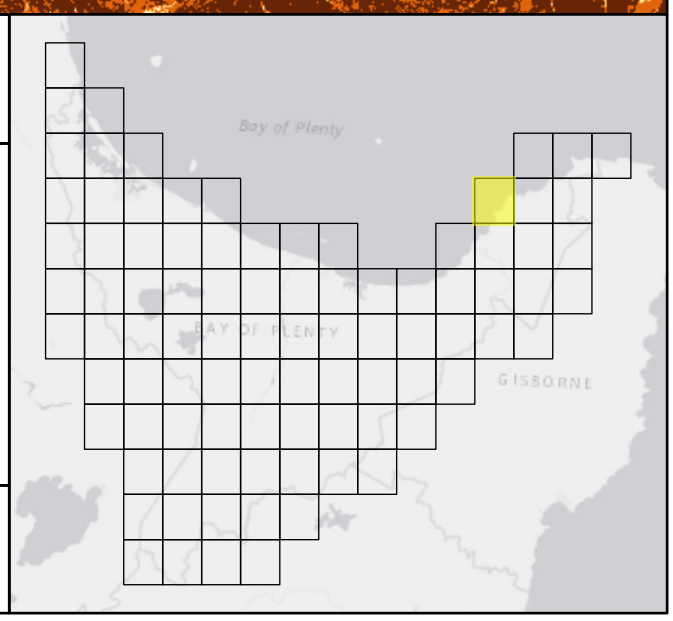
Page Number: 15

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



u Bay

Papatea Bay

Marae Br

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

Page Number: 16

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3

Date: 12/09/2023 **Project:** 2-9Z696.00



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

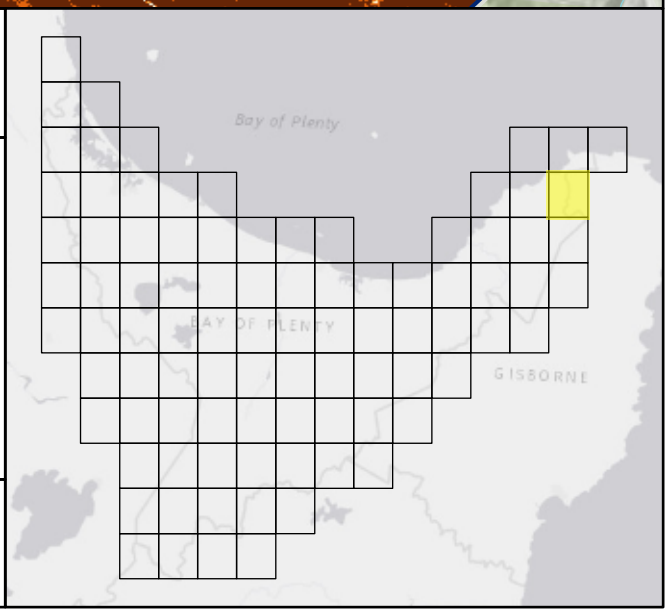
Page Number: 17

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Taihoa
Te Poi Rd
Te Poi
Te Poi South Rd
State Highway 29
Rapurapu Rd
Selwyn
Waiomou
Tapapa
24
29
28

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

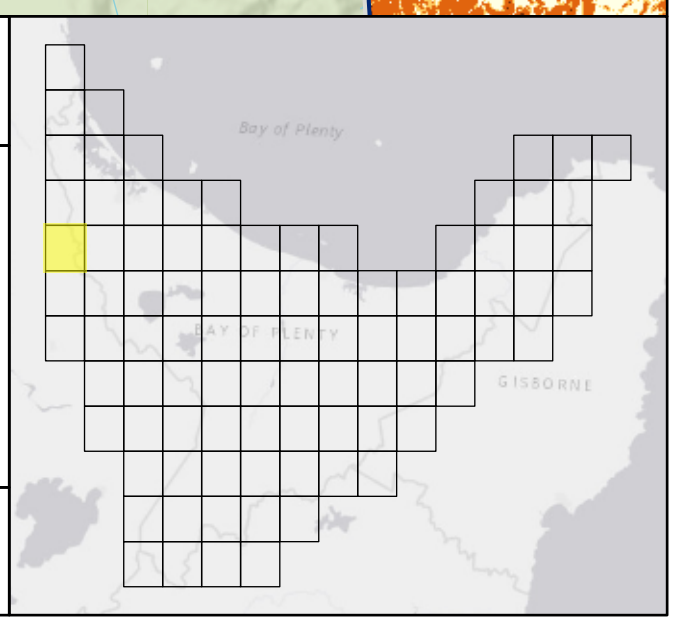
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

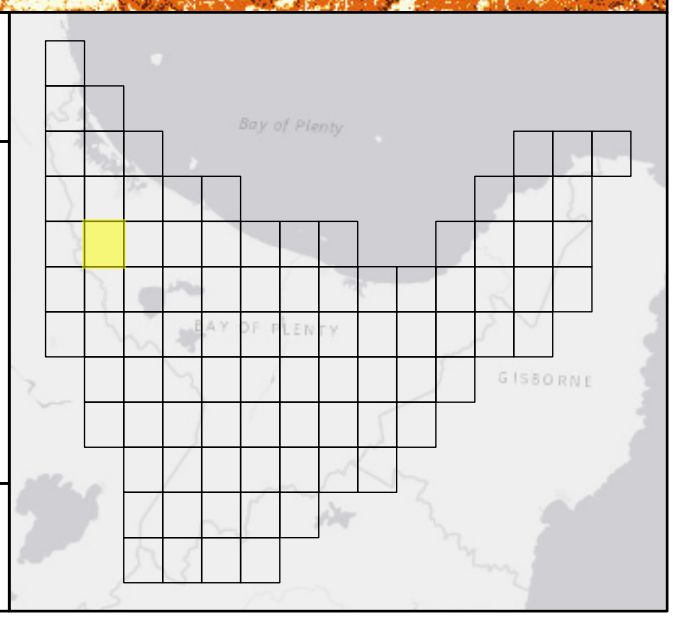
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

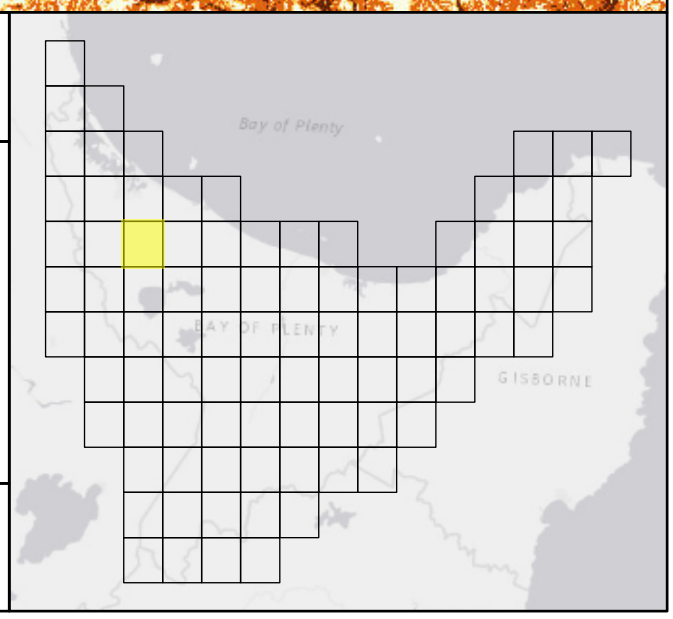
Page Number: 20

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

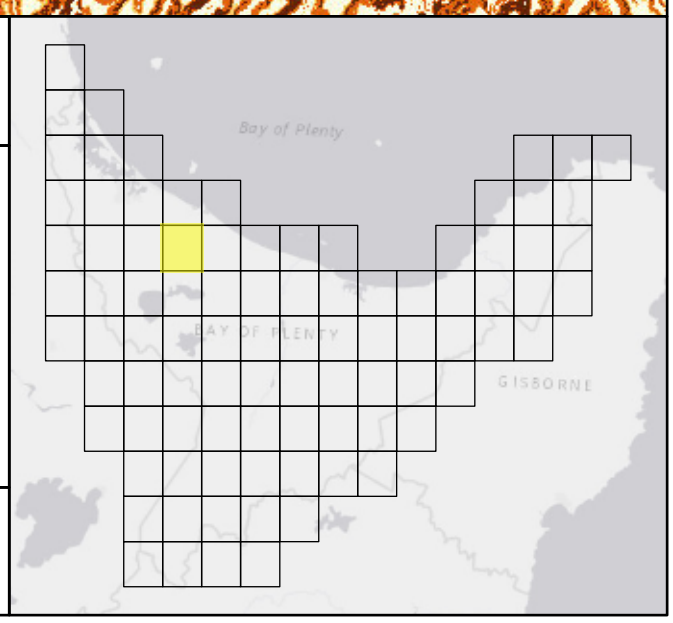
Page Number: 21

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

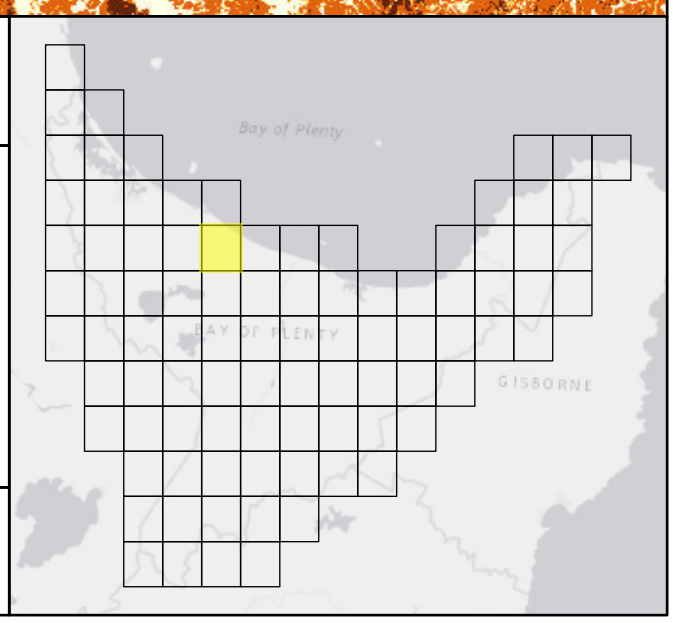
Page Number: 22

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Matatā

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

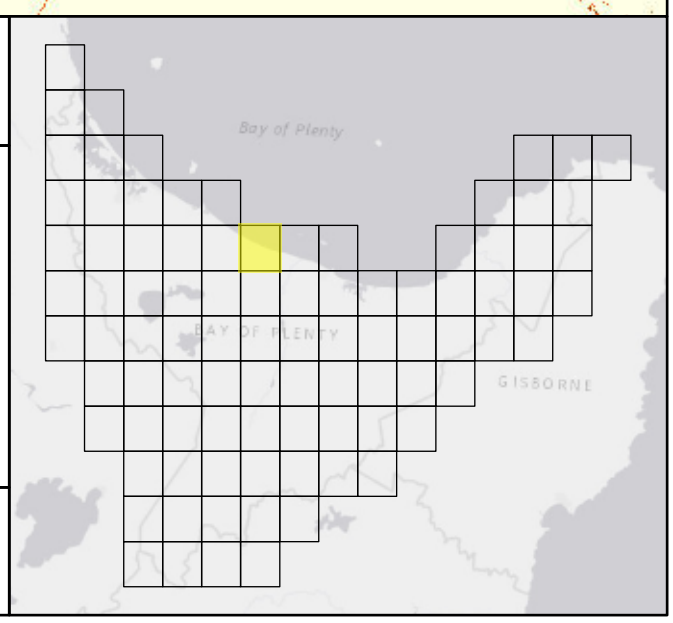
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Tokata Island

Rurima Island

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

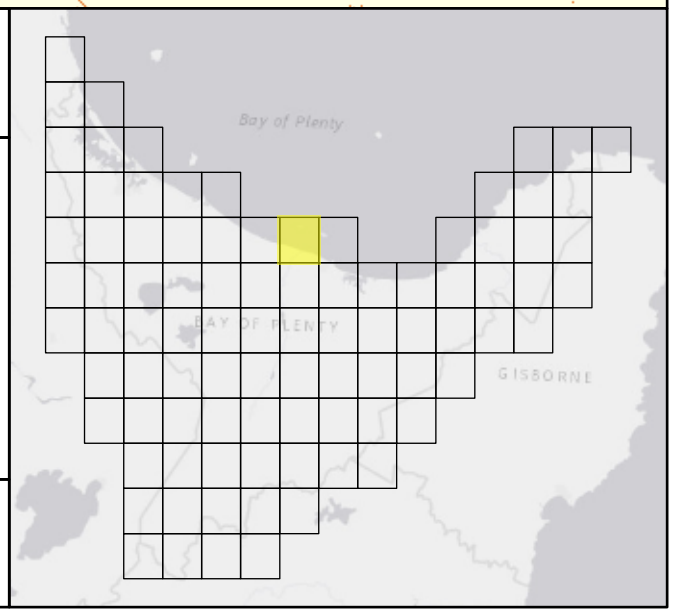
Page Number: 24

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Moutohora Island

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

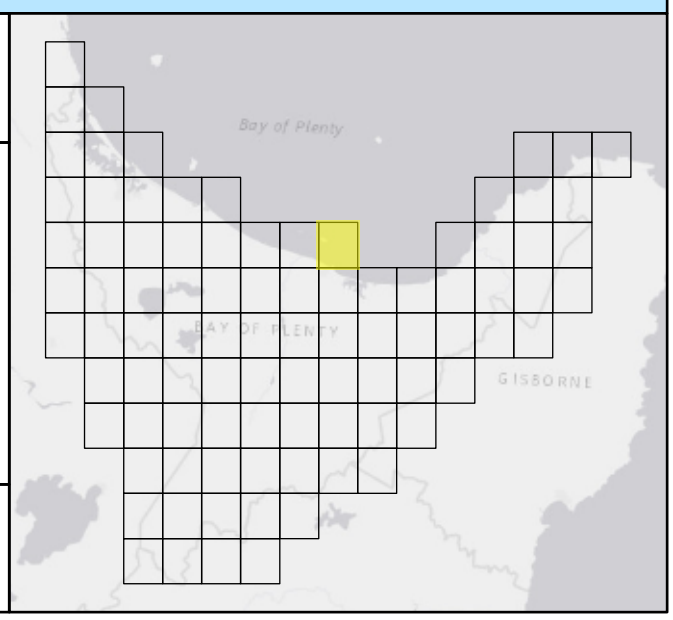
Page Number: 25

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Whitianga Bay

Whituare Bay

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

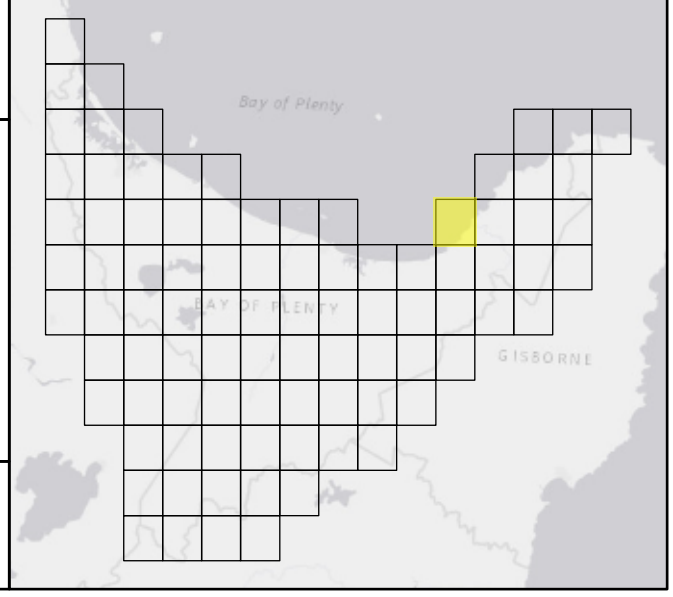
Page Number: 26

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Omaio Bay

Whitianga Bay

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

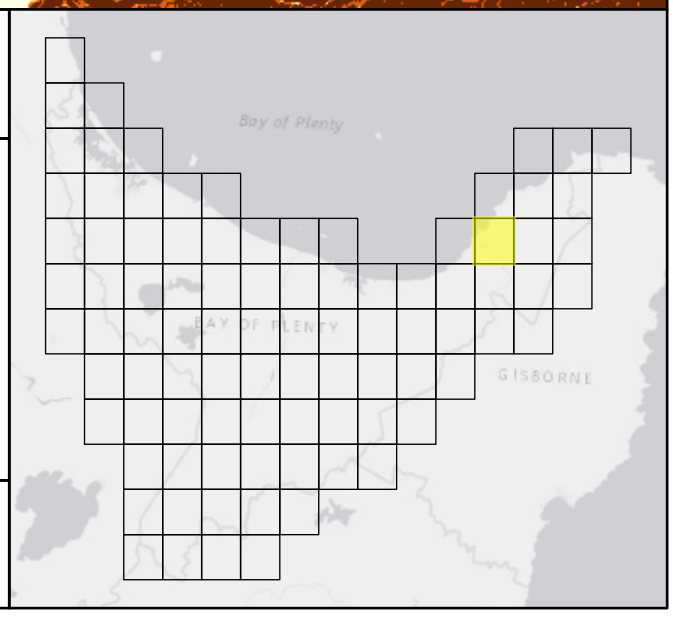
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

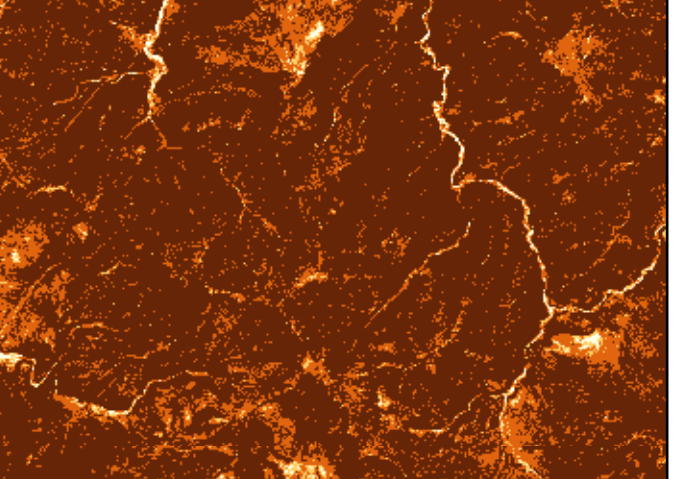
Page Number: 28

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

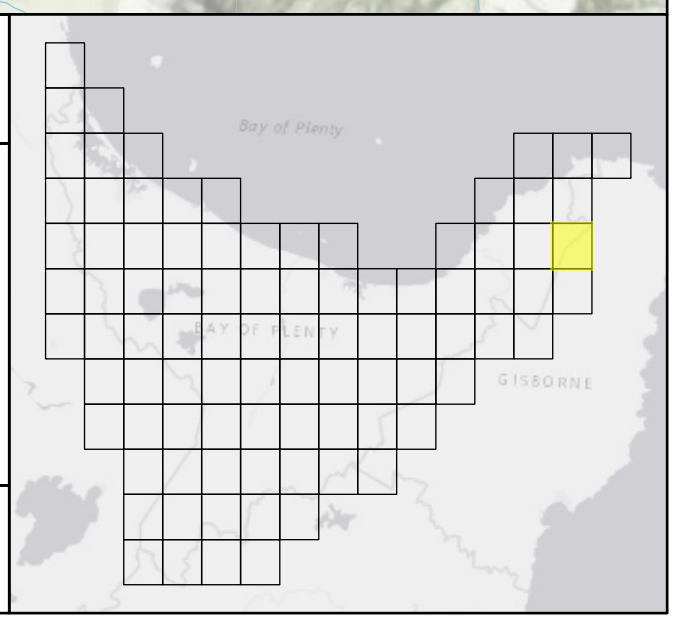
Page Number: 29

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

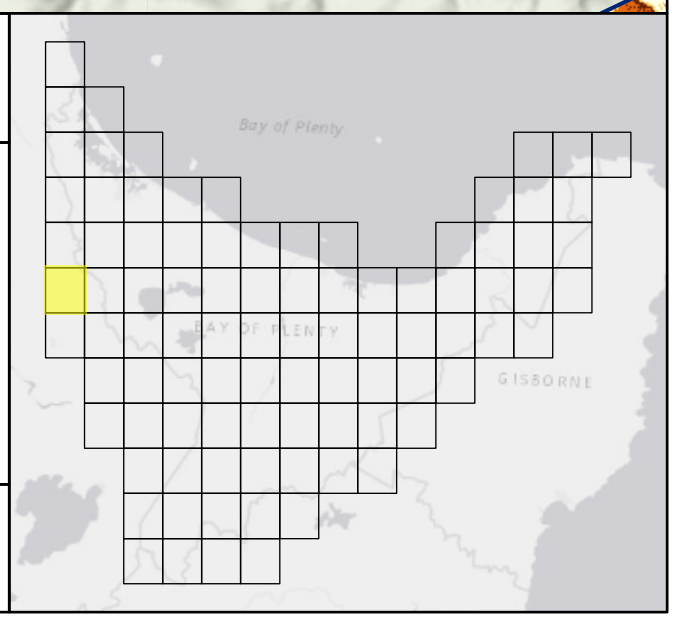
Page Number: 30

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Galaxy Road Reserve

5

Arah

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

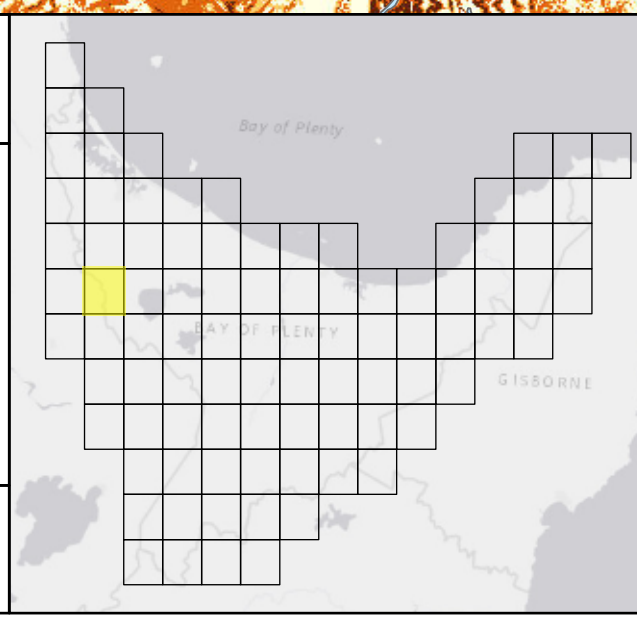
Page Number: 31

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

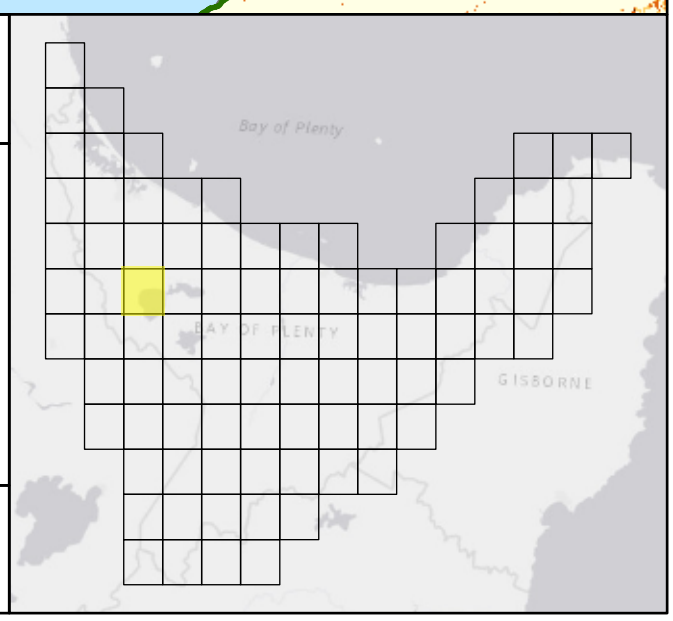
Page Number: 32

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

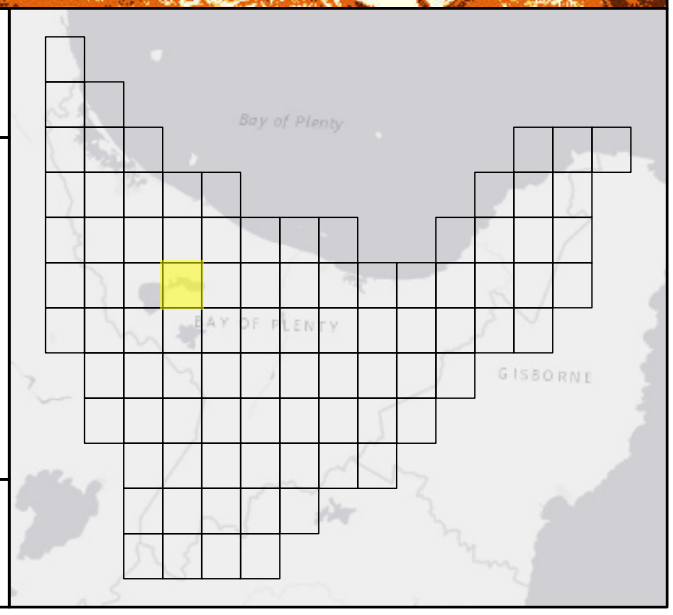
Page Number: 33

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

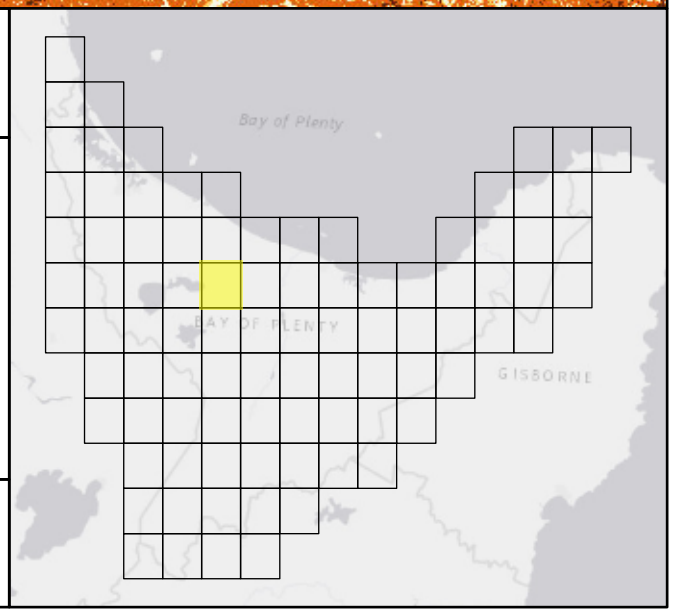
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

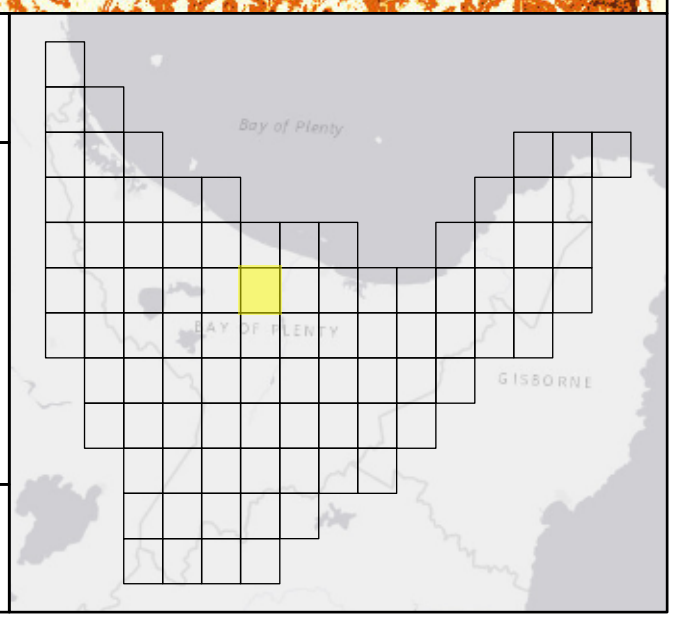
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

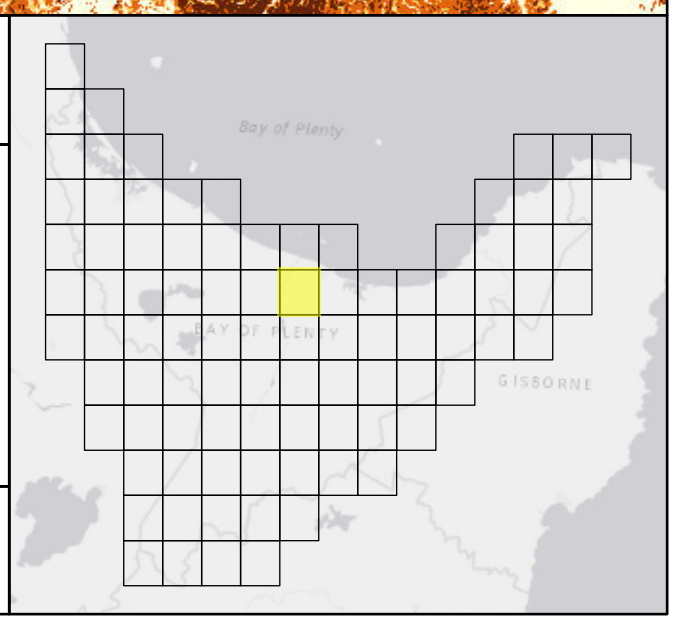
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Ōhiwa Harbour

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

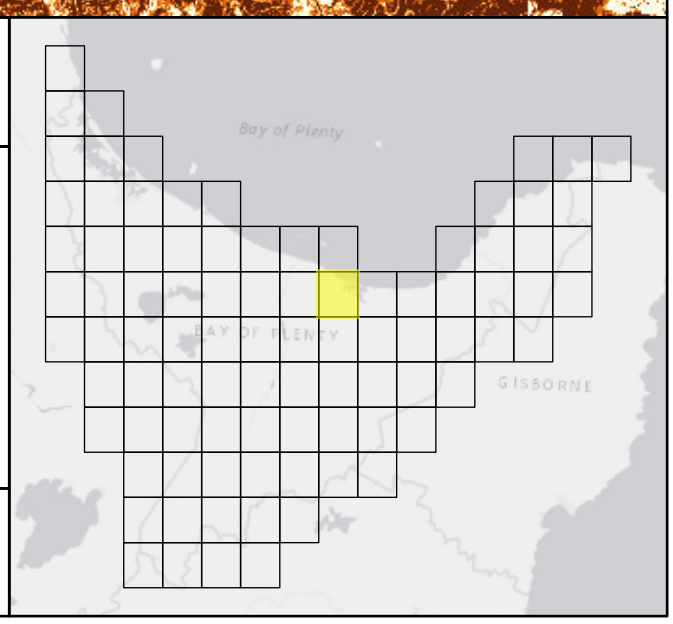
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

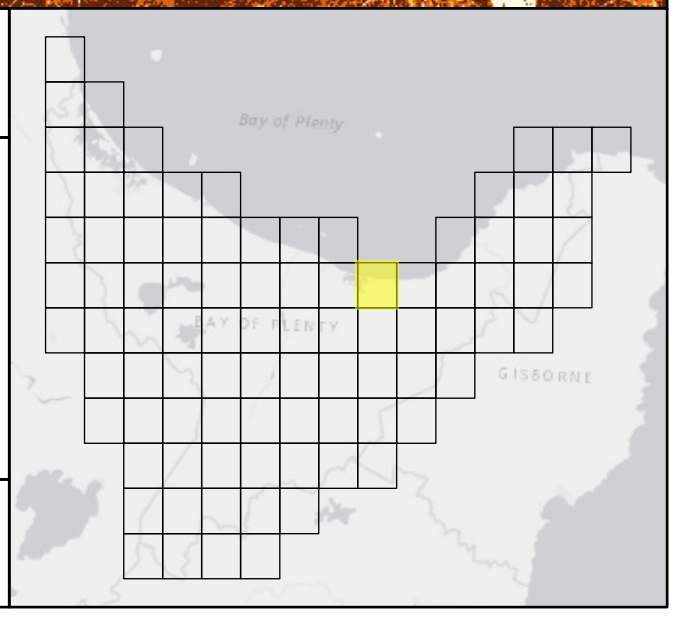
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

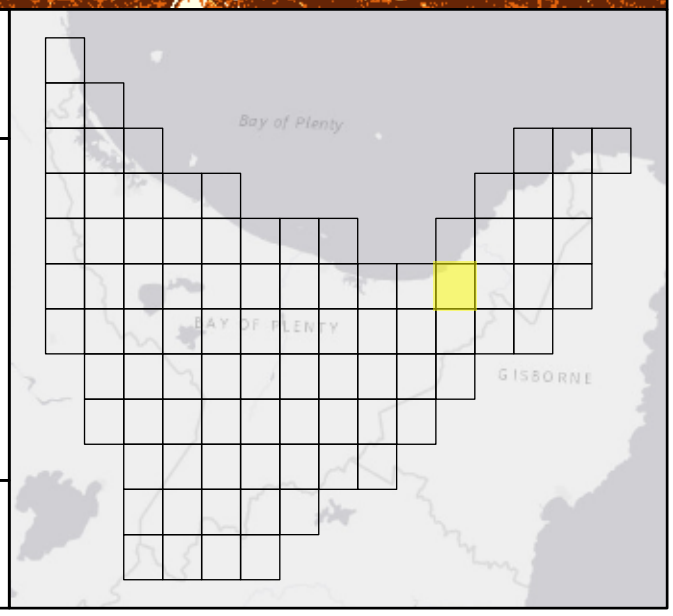
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

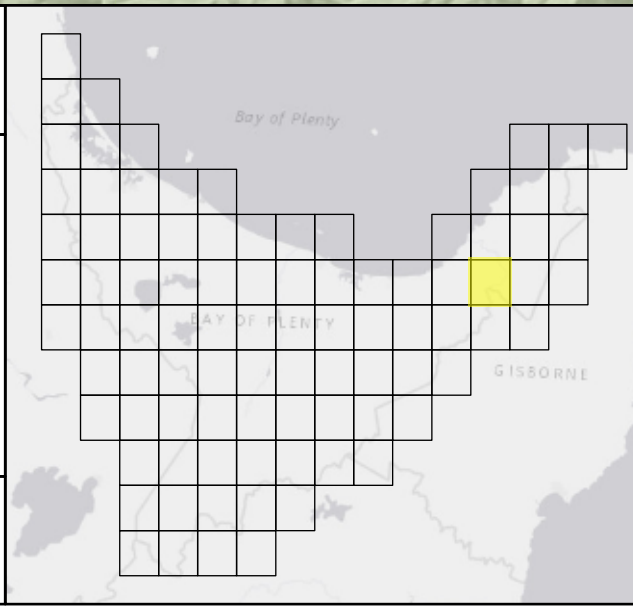
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Raukumara Conservation Park

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

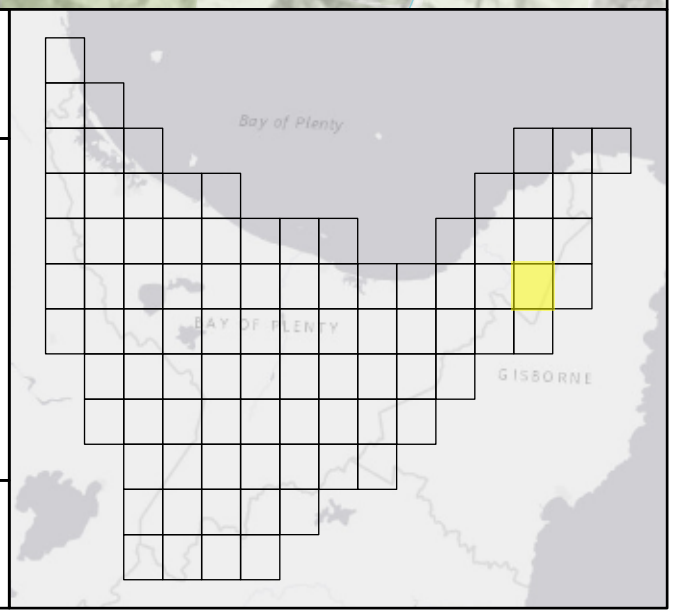
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Hikurangi

Mata River

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

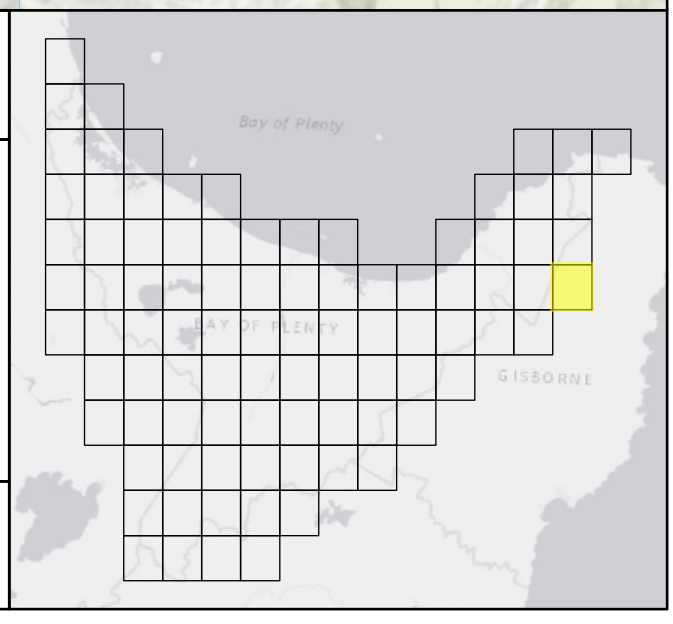
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Wiltsdown Rd
1
Te Whetu
Paraonui Rd
State Highway 1
Parkdale
Paraonui
Cougar Park
Tokoroa
32
Amisfield
Aotea
32
Old Taupo Rd
Kinleith Rd

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

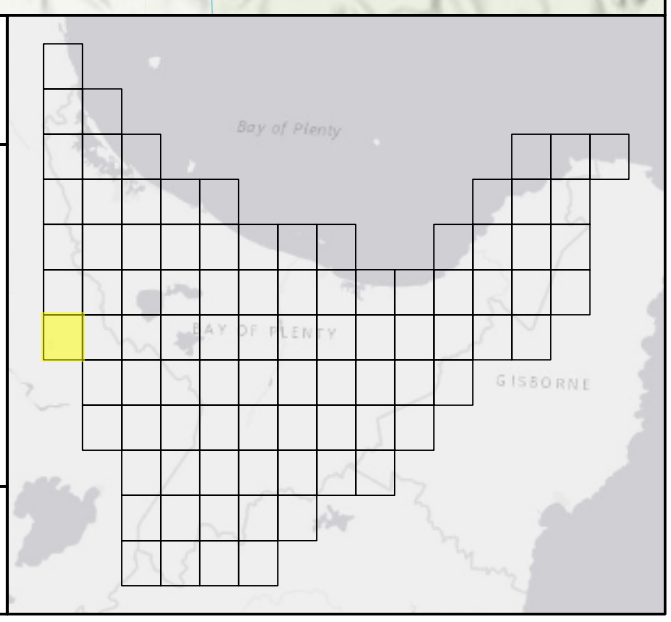
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

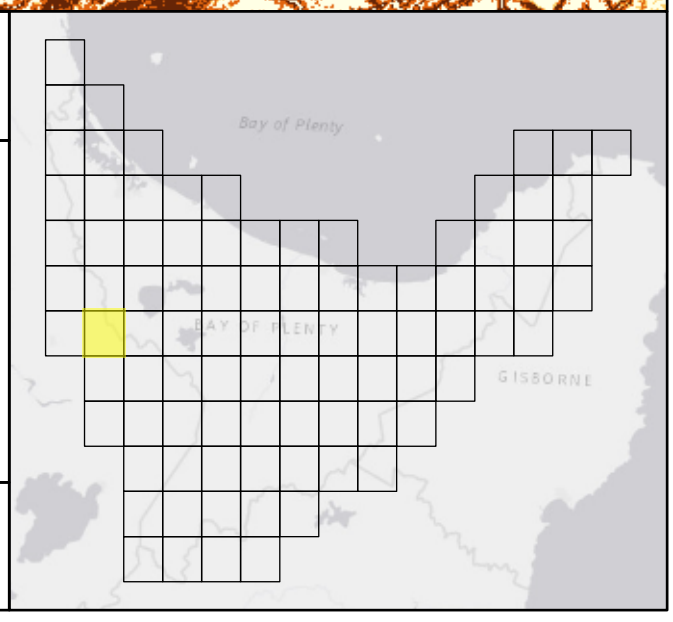
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

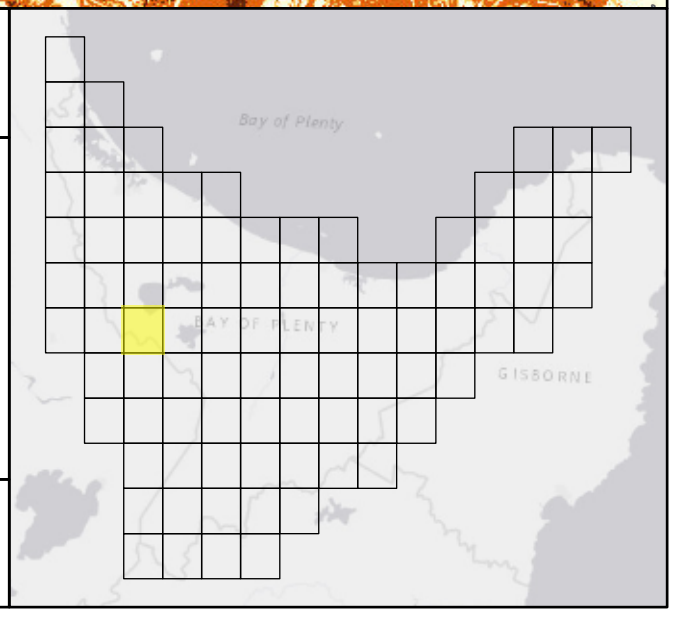
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

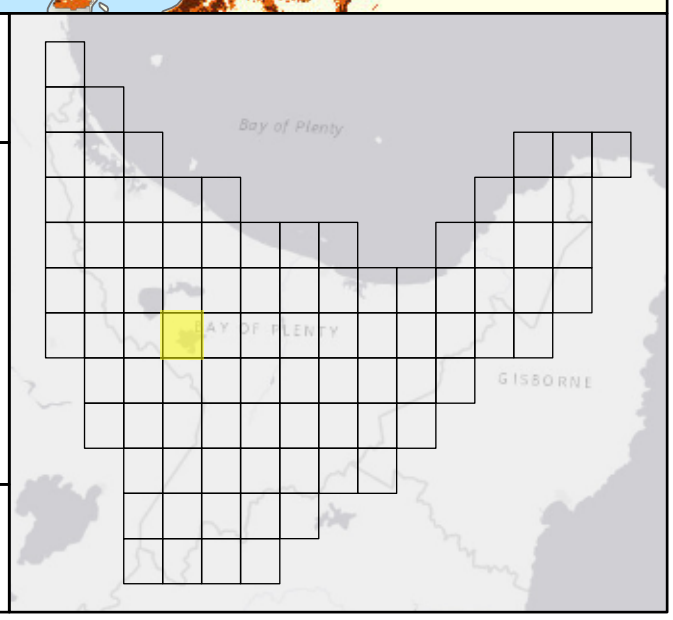
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

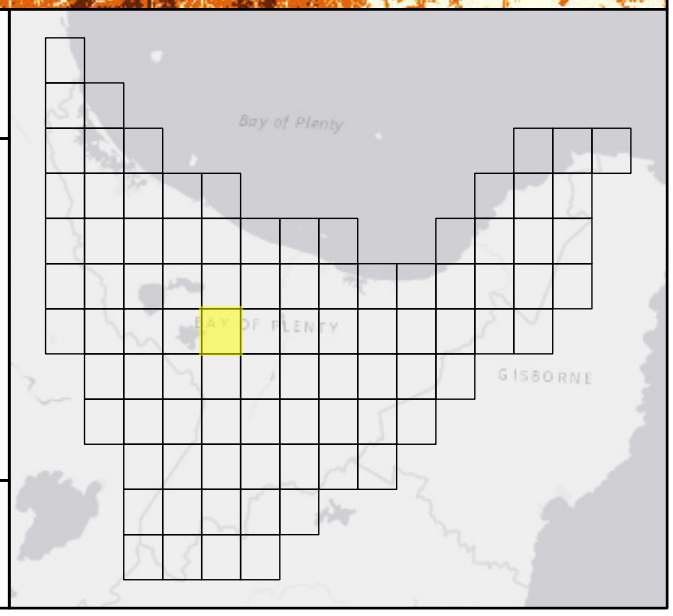
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

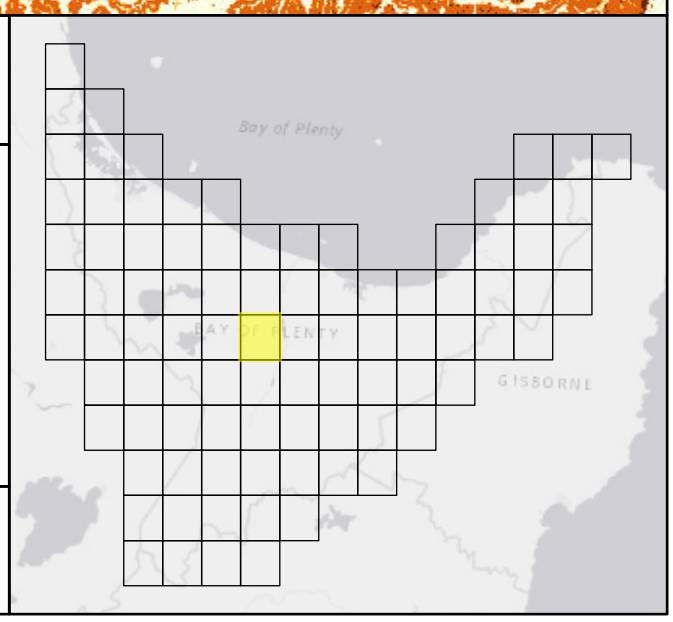
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

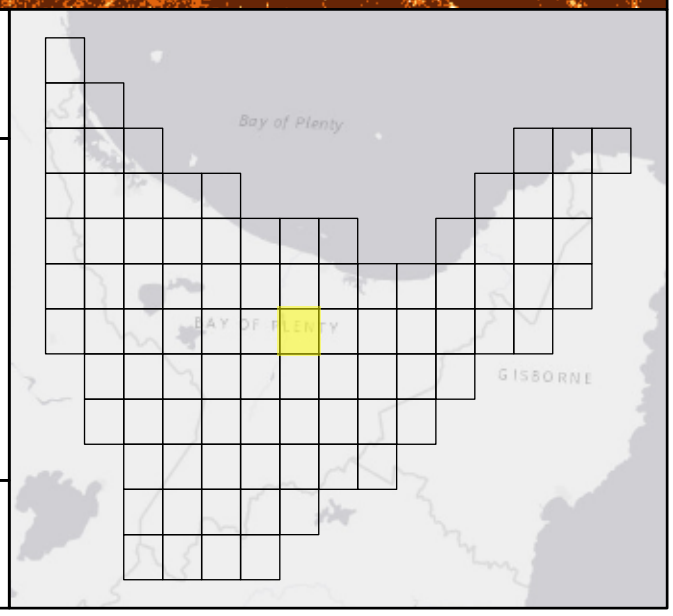
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

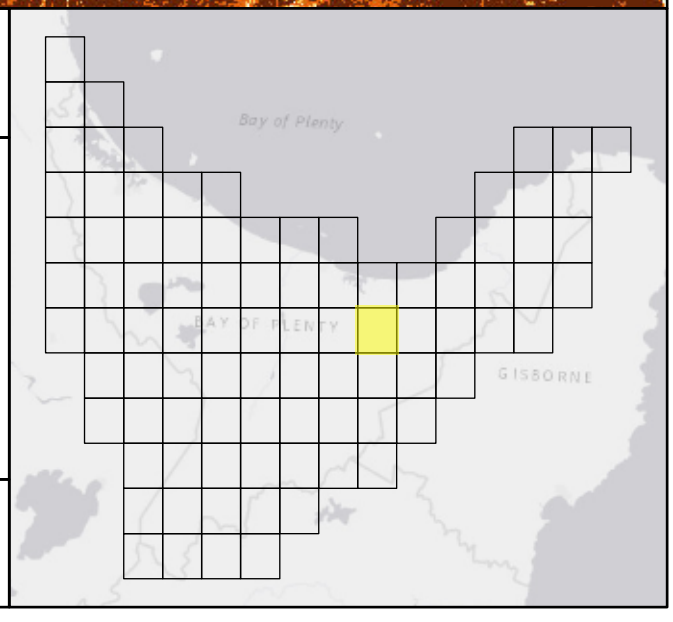
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

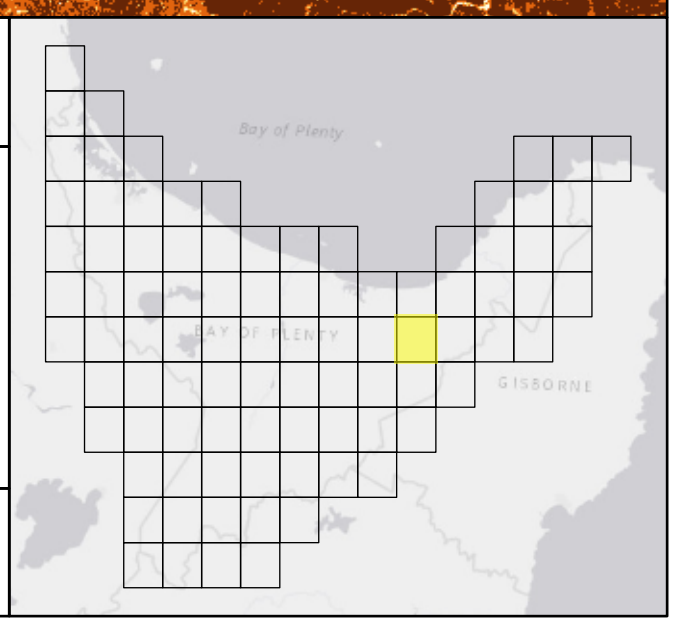
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Motu River

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

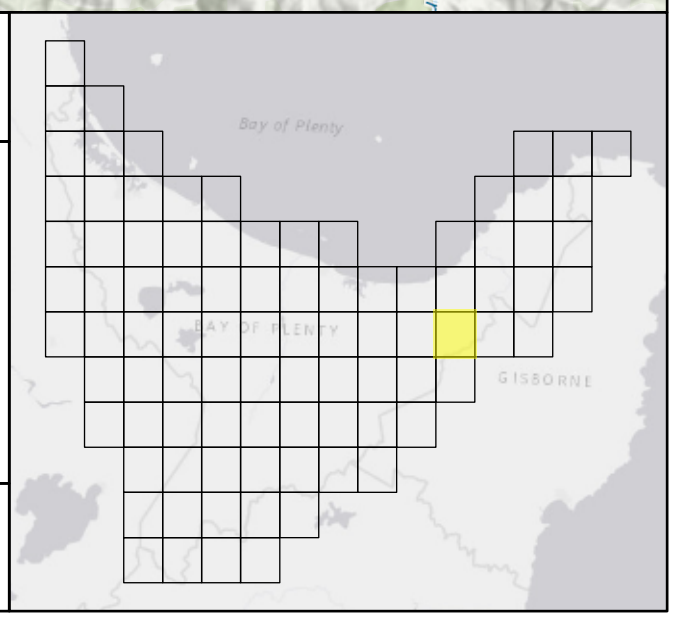
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

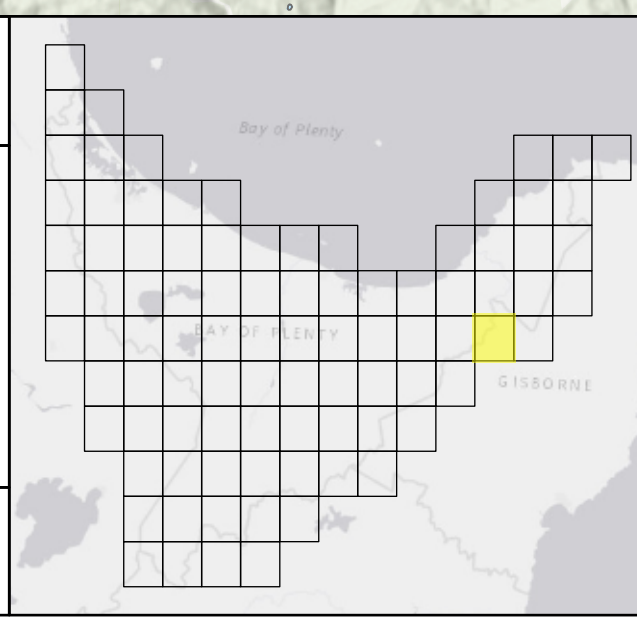
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

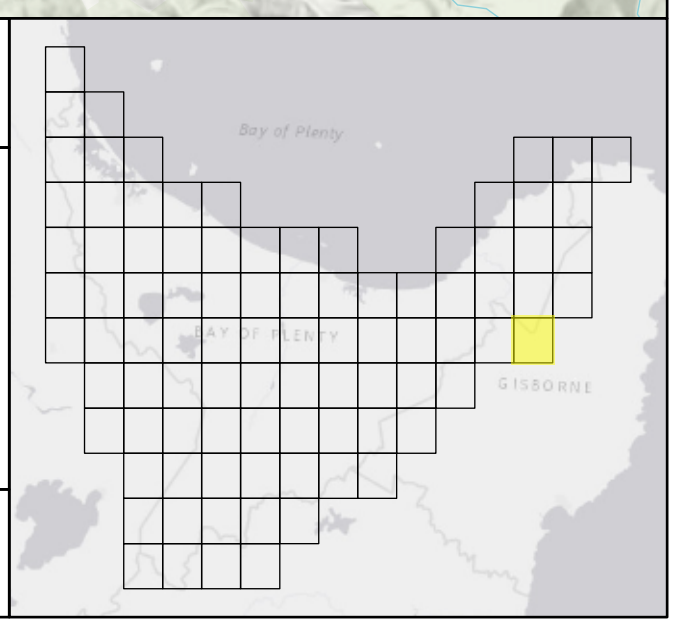
Urban Area

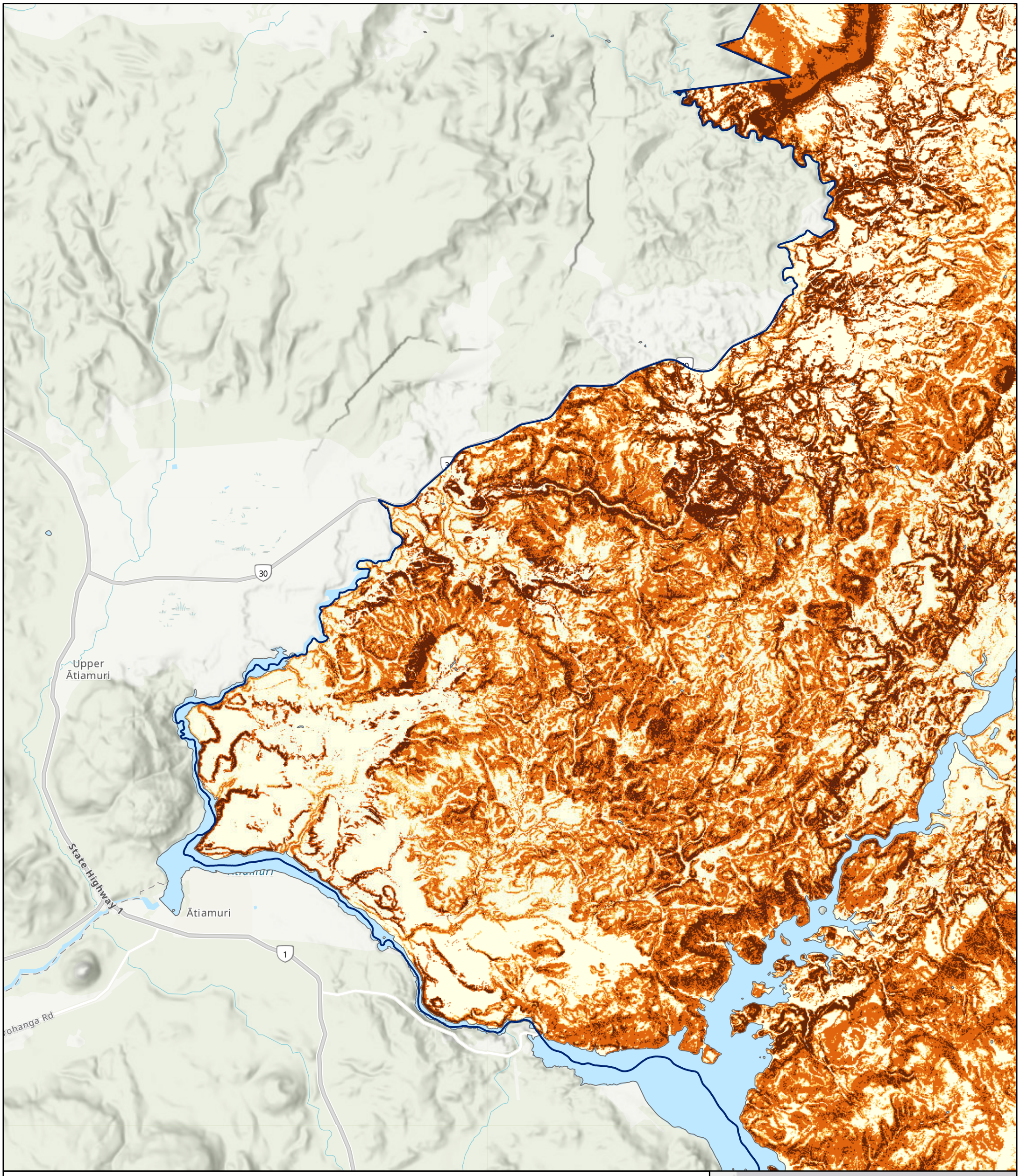
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

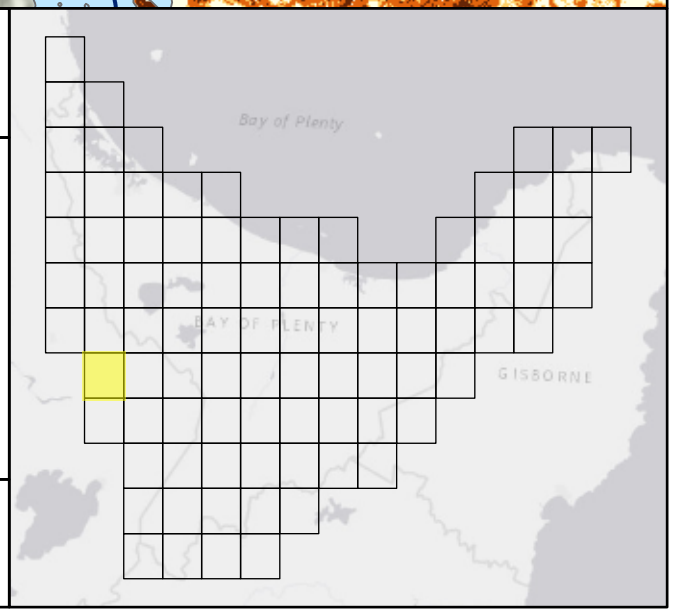
Page Number: 57

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

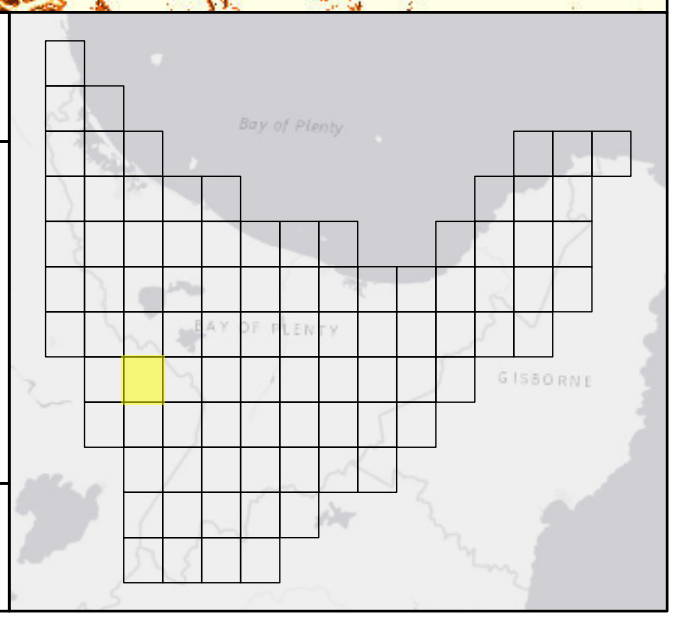
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

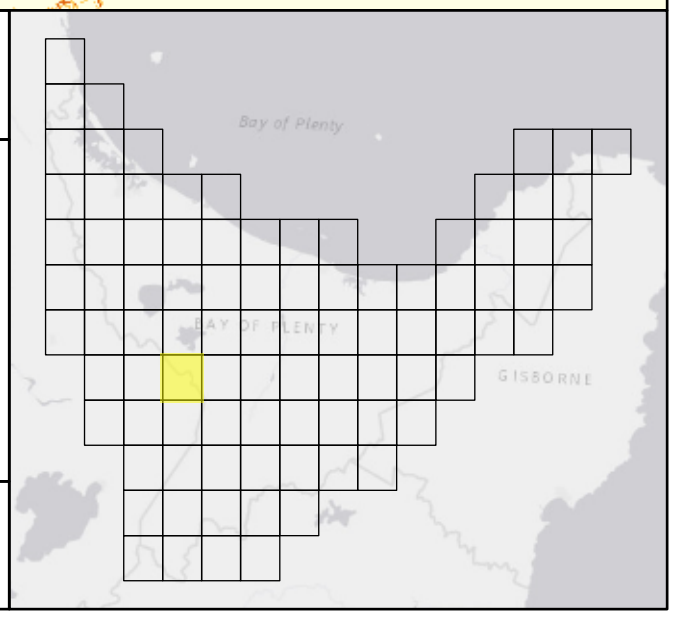
Page Number: 59

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

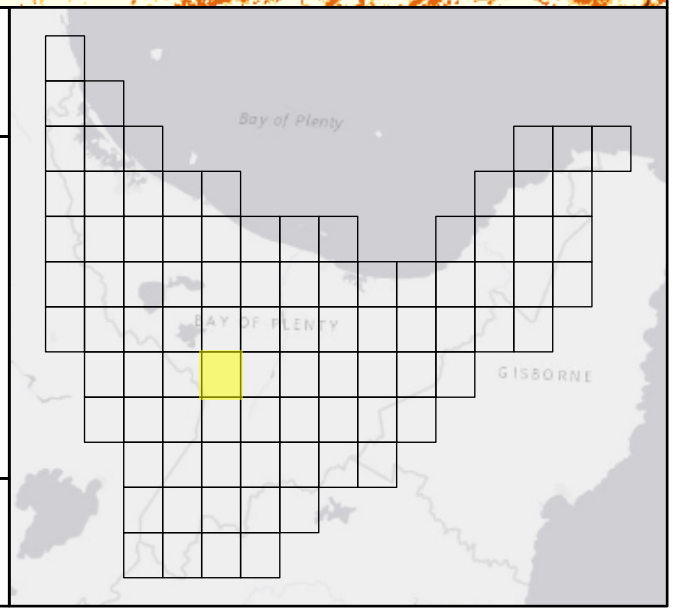
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

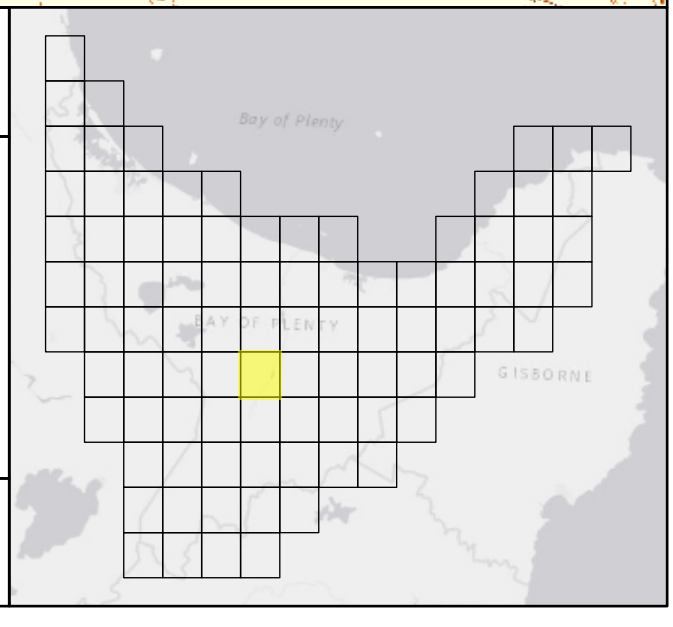
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

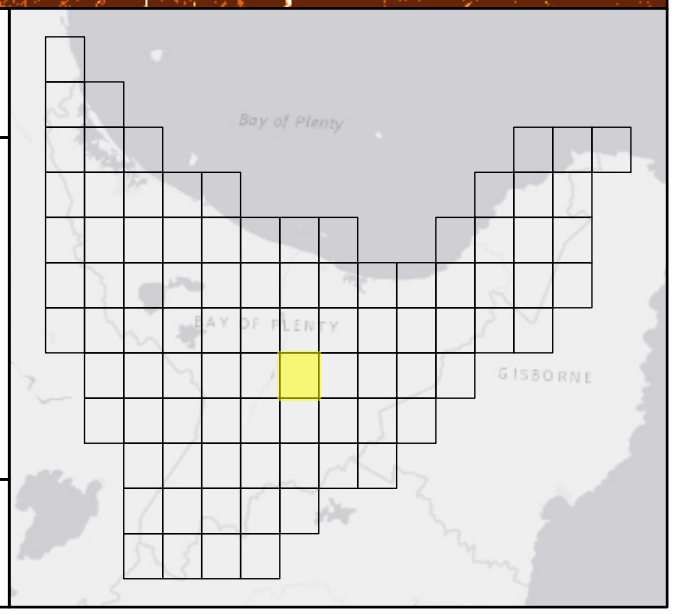
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

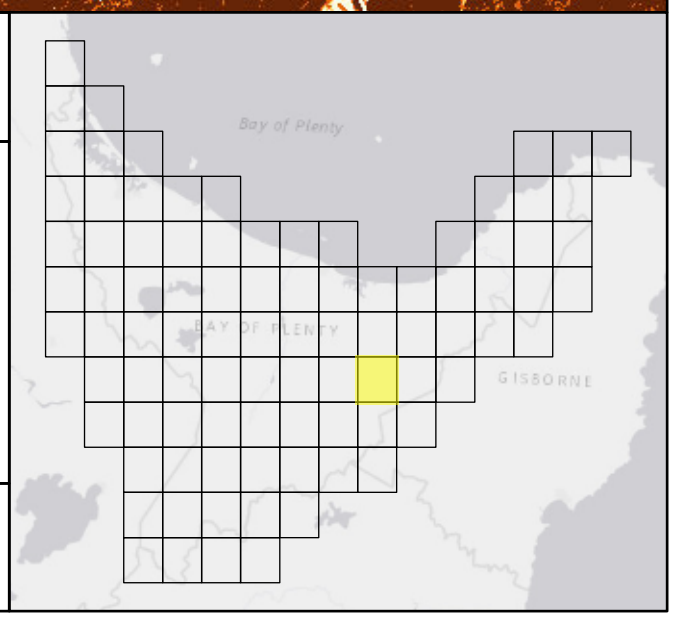
Urban Area

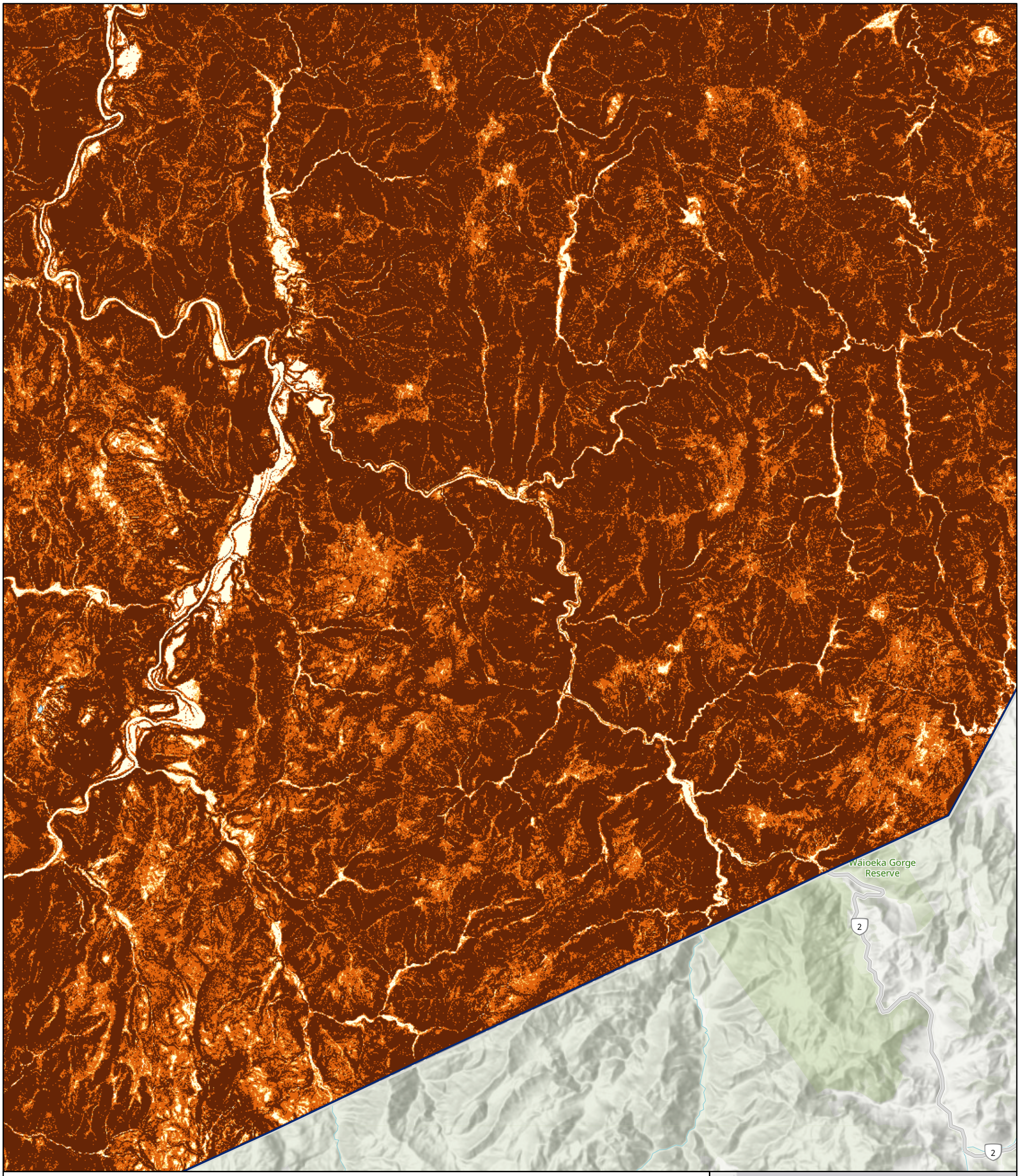
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

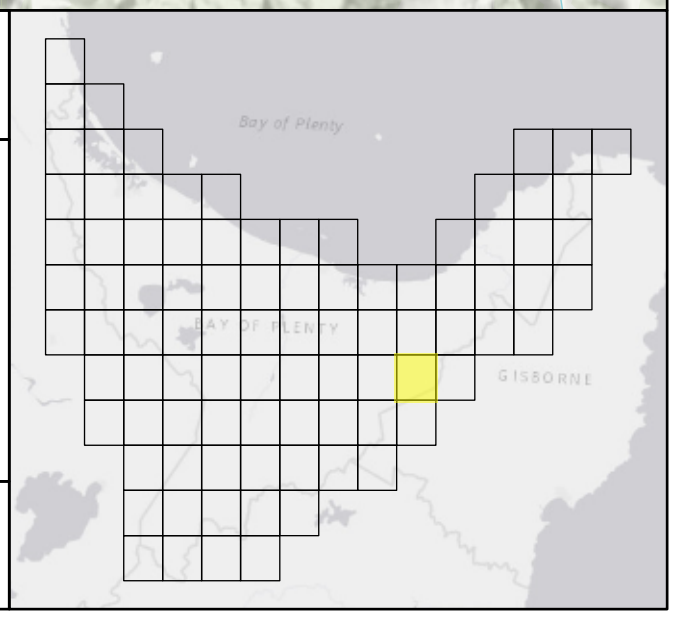
Page Number: 65

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Whinray Reserve
Motu River
Mōtū
Moutohora
Motu Rd
Motu Rd
Motu Rd
Mātāwai
2
2
2
2

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

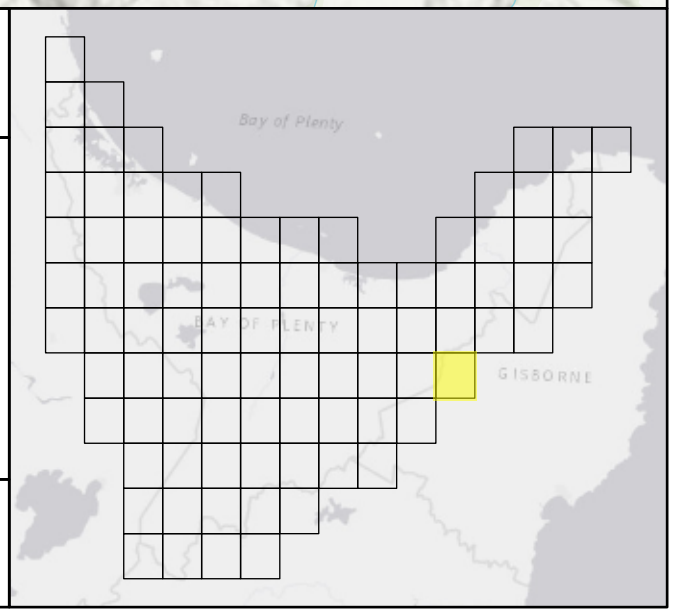
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

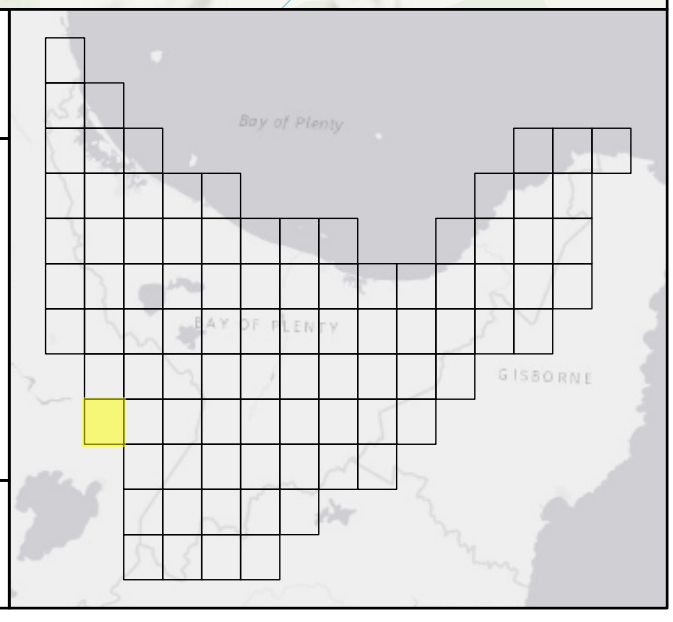
Page Number: 67

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Waimahaka

Mangamingi

Ohaaki

5

State Highway 5

Tahorakuri

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

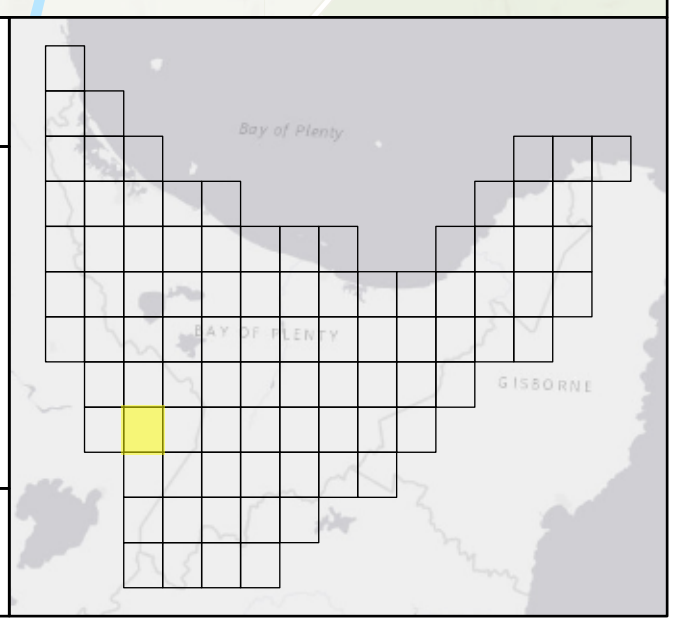
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

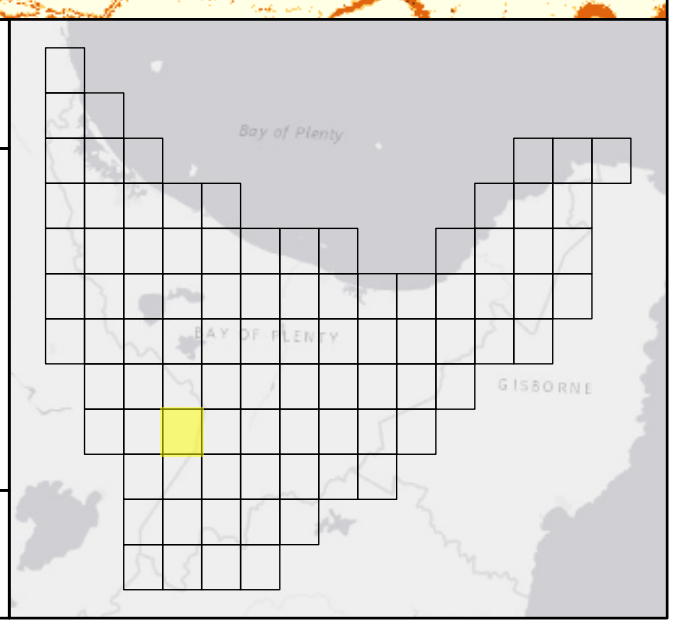
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

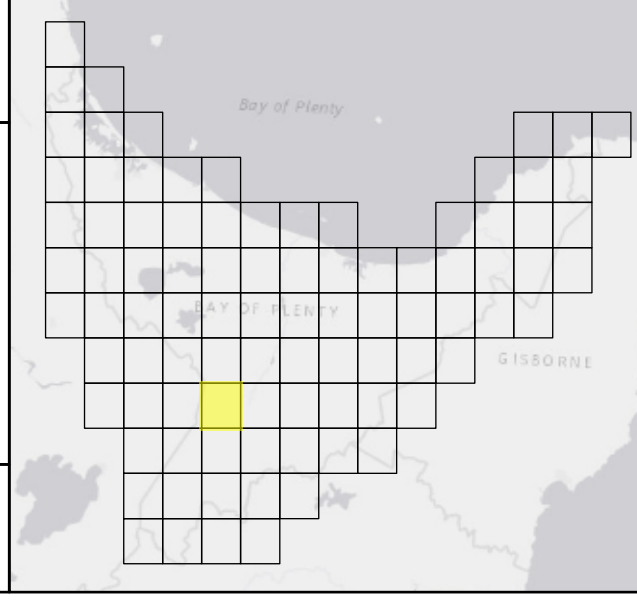
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

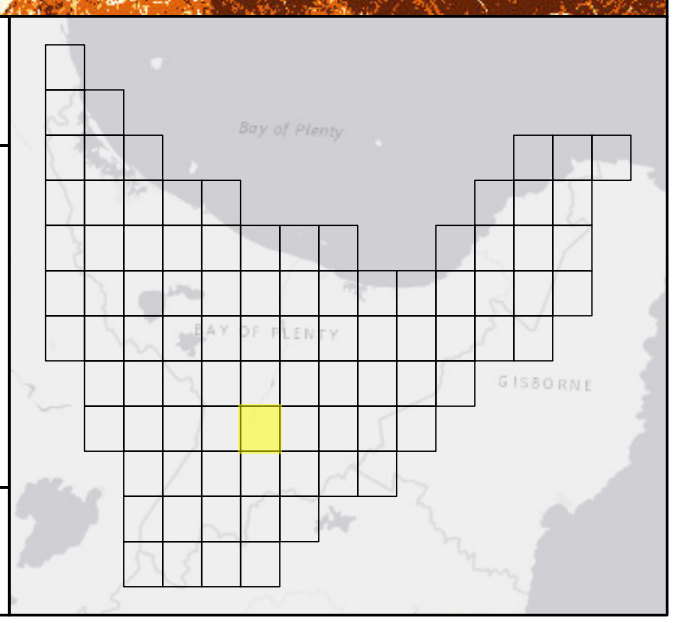
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

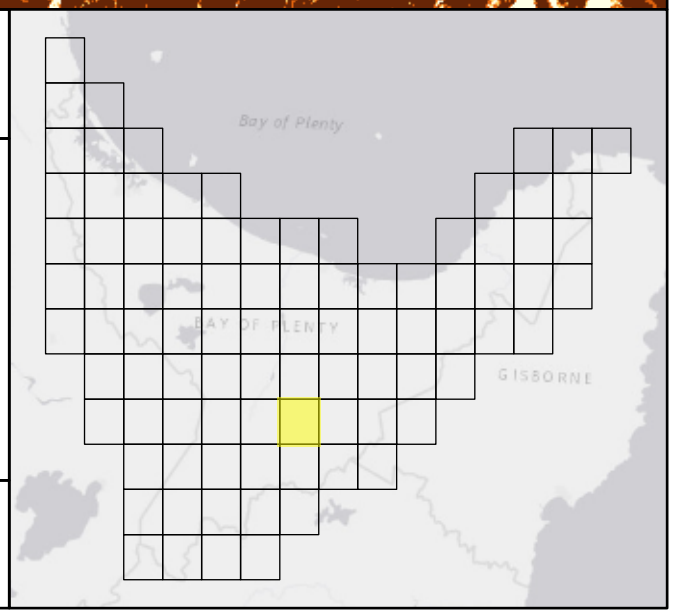
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

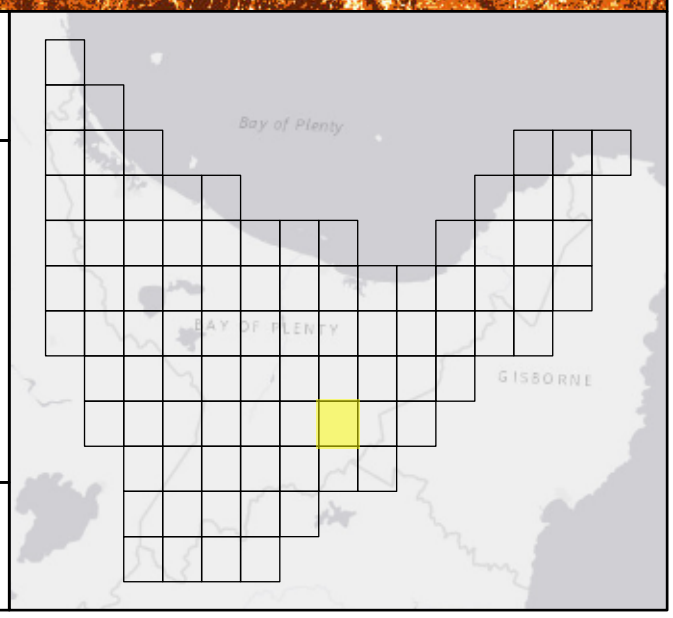
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

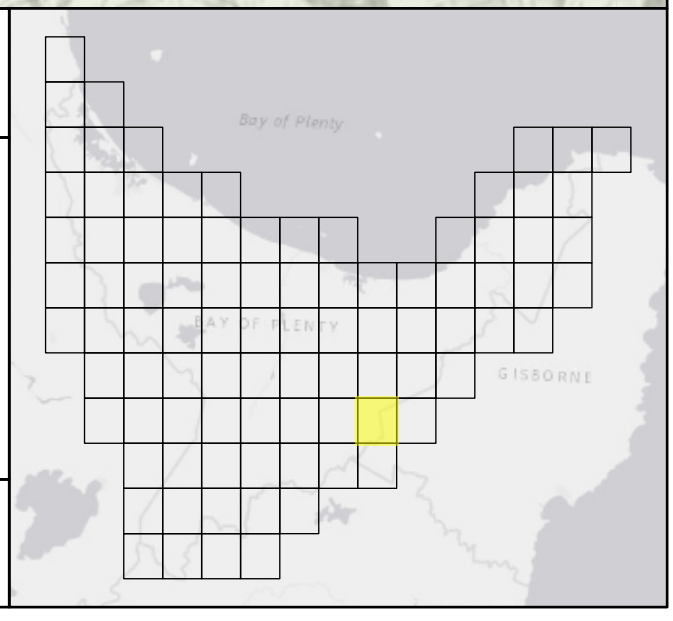
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

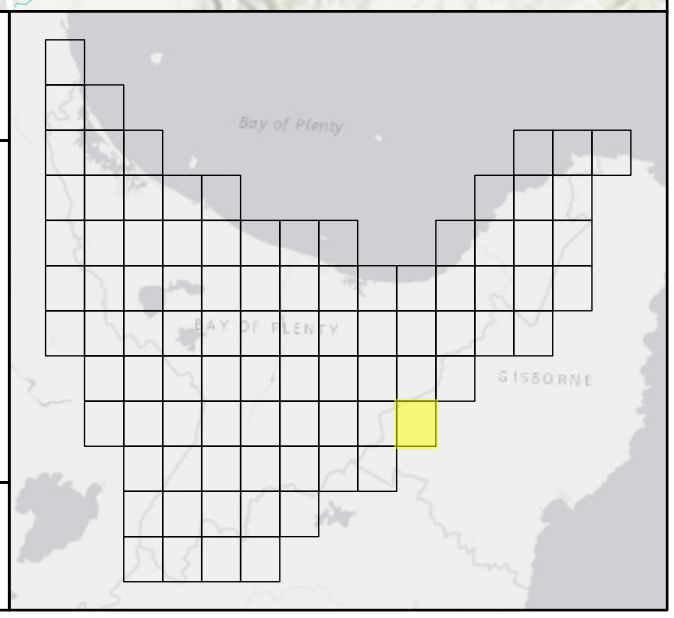
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Tahorakuri

Broadlands Rd

Broadlands Rd

Waikato River

Rotokawa

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

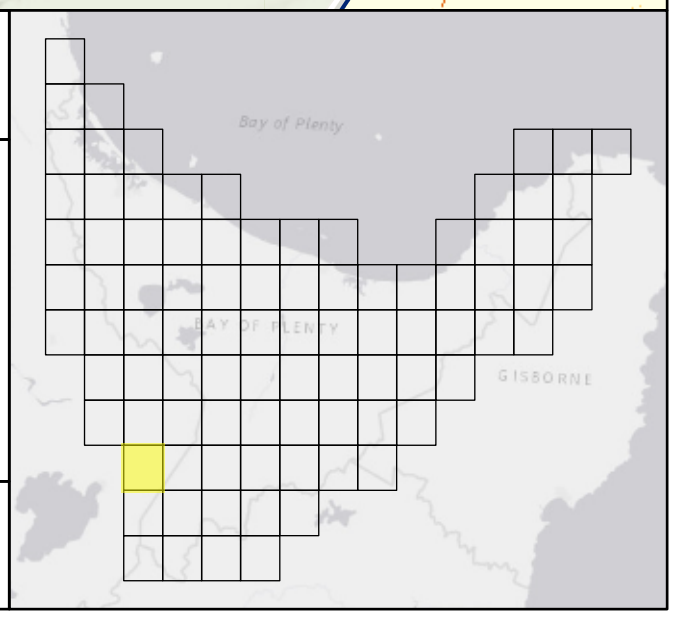
Page Number: 76

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

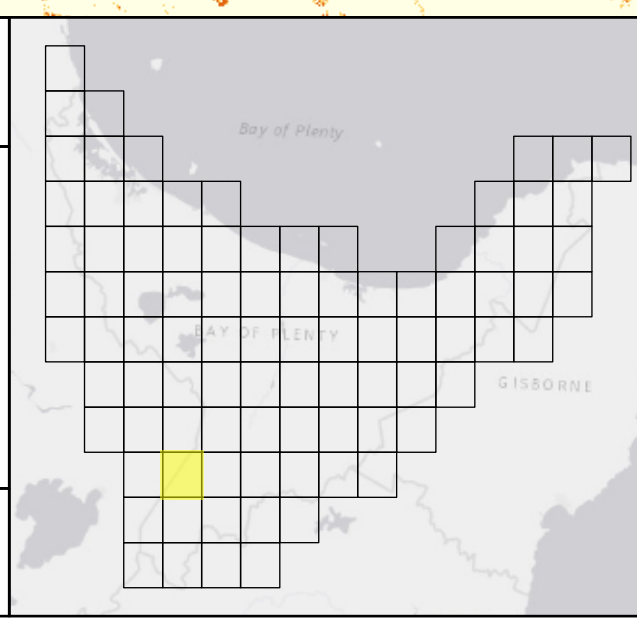
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

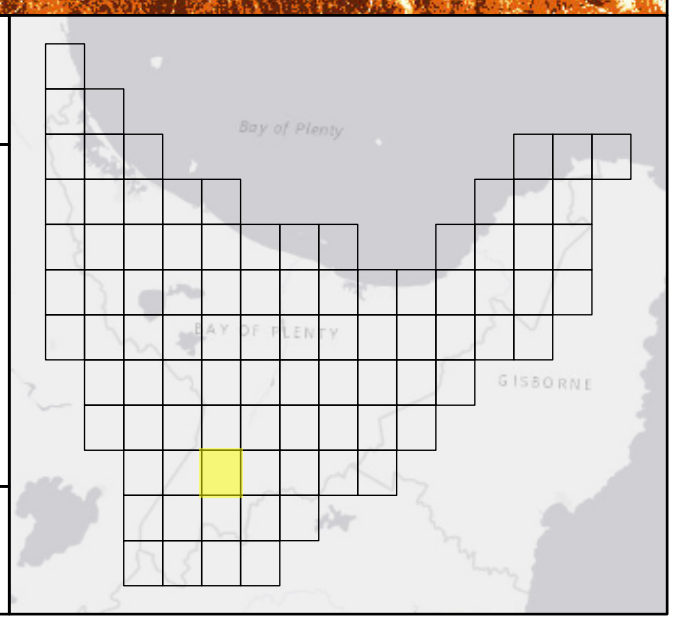
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

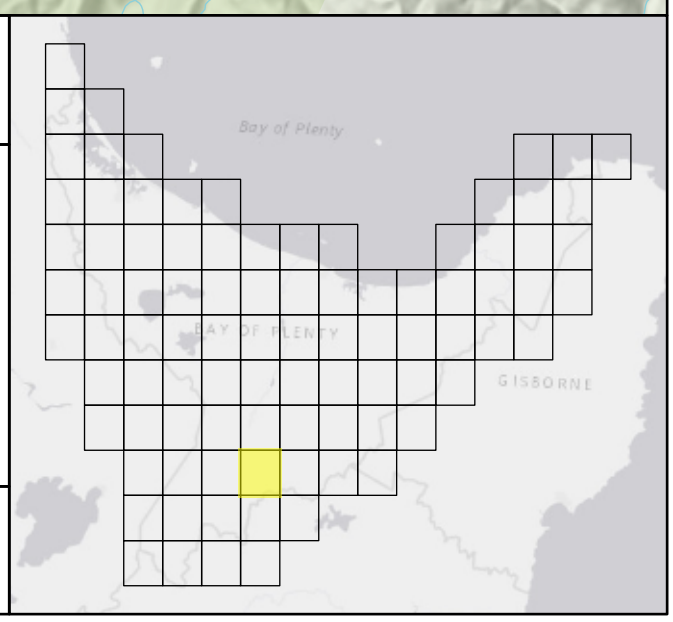
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

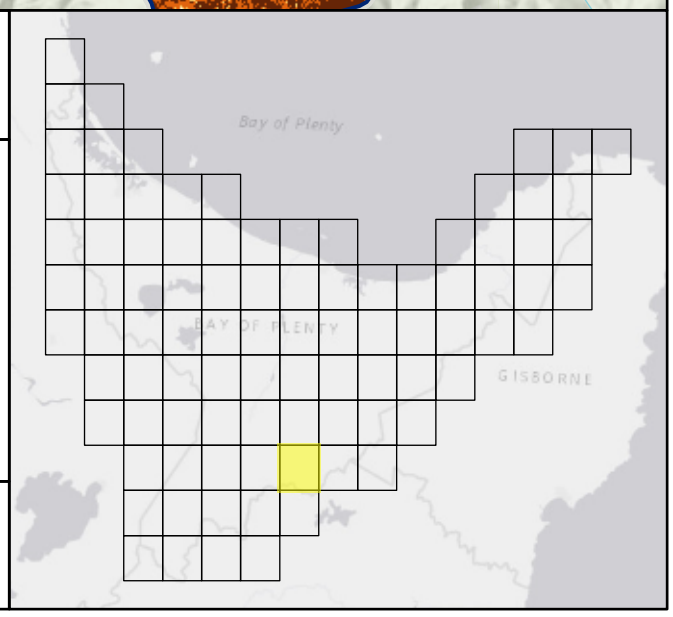
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Manuoha

Waikaremoana Rd

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

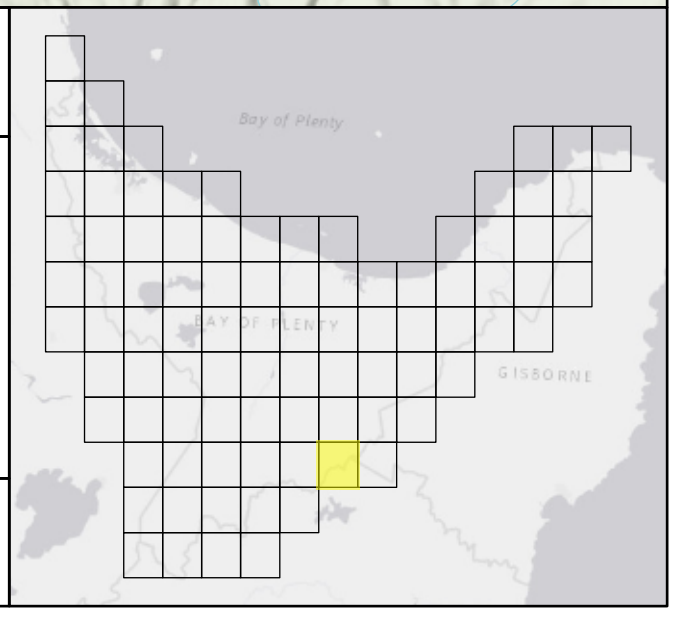
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Ruakituri Reserve

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

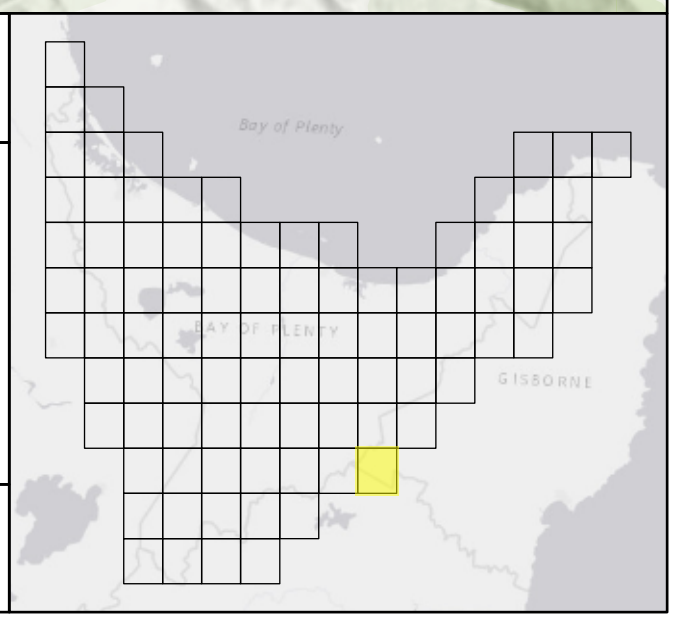
Page Number: 82

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Opepe Bush Reserve

Opepe Bush Reserve

5

High Level Rd

High Level Rd

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

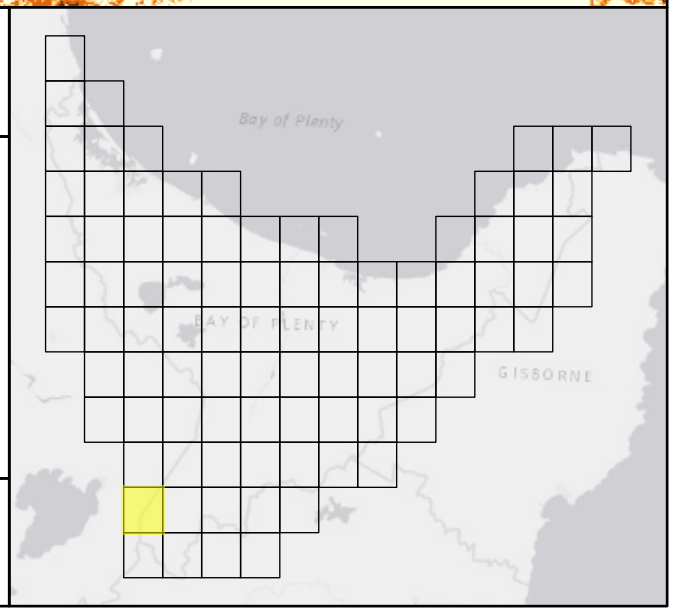
Page Number: 83

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

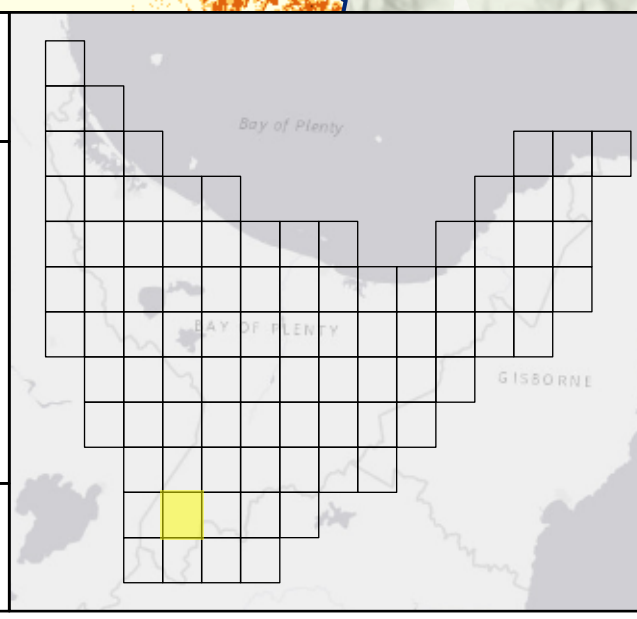
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

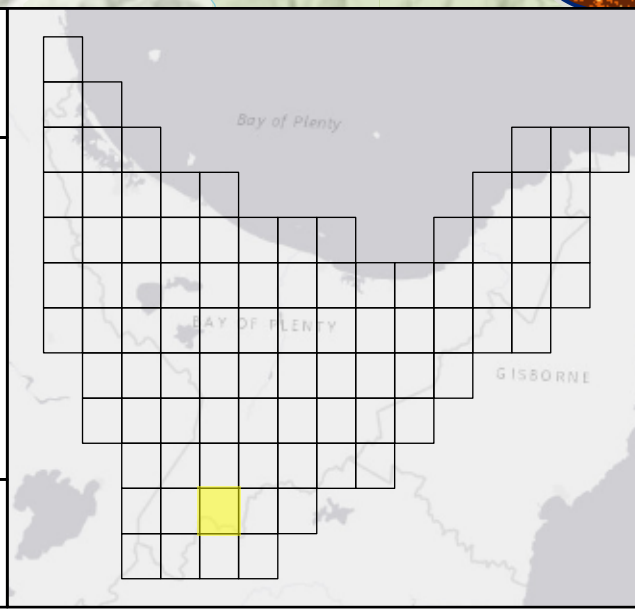
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Whirinaki Te Puatane Conservation Park

Maungataniwha

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

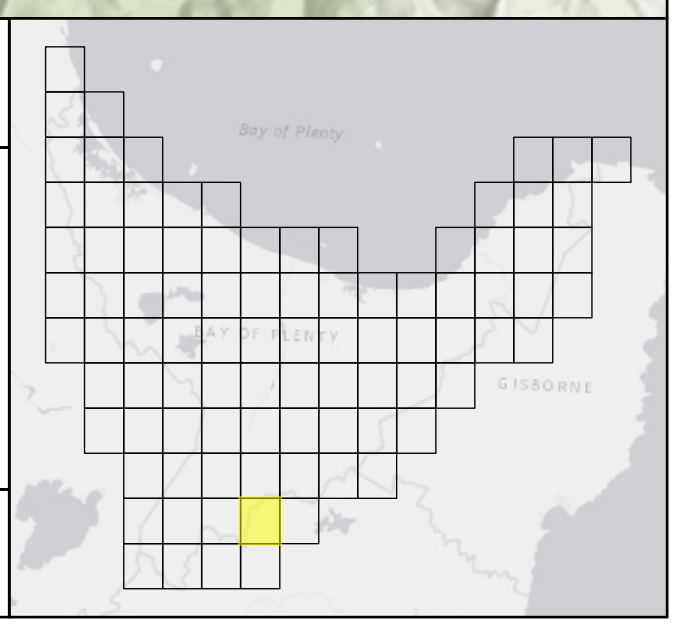
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

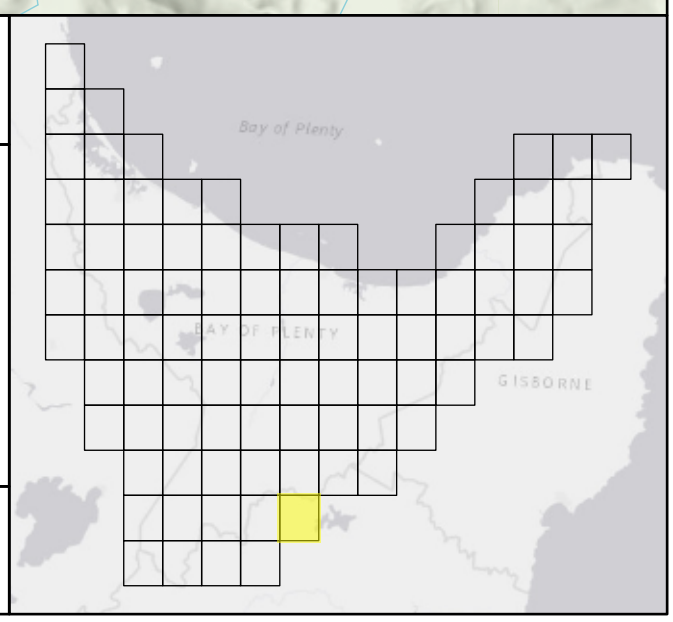
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

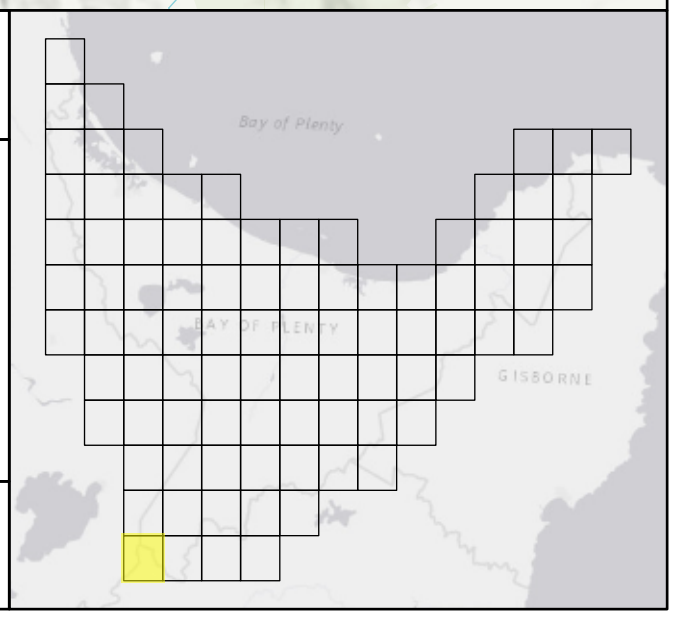
Urban Area

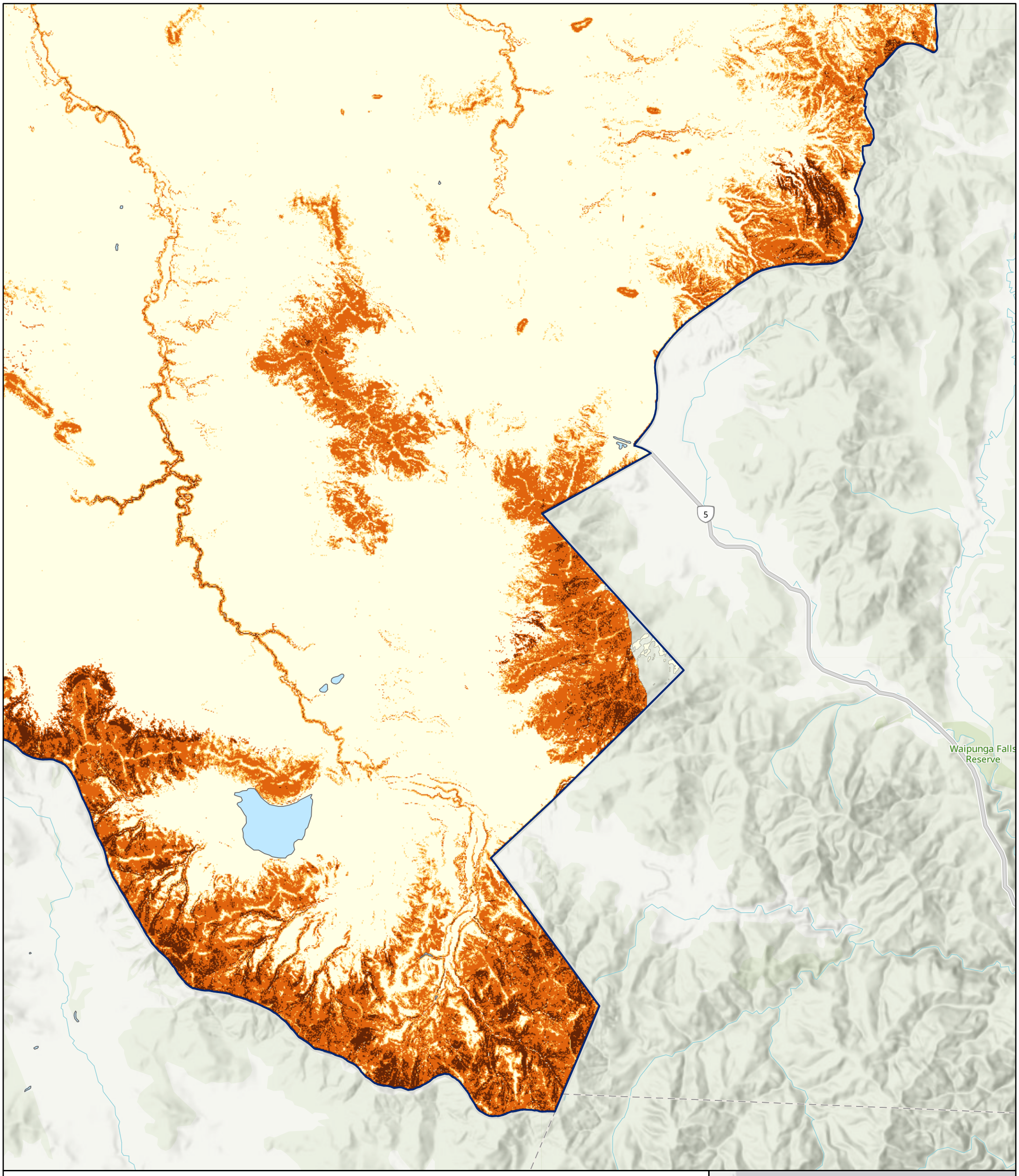
Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3





Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

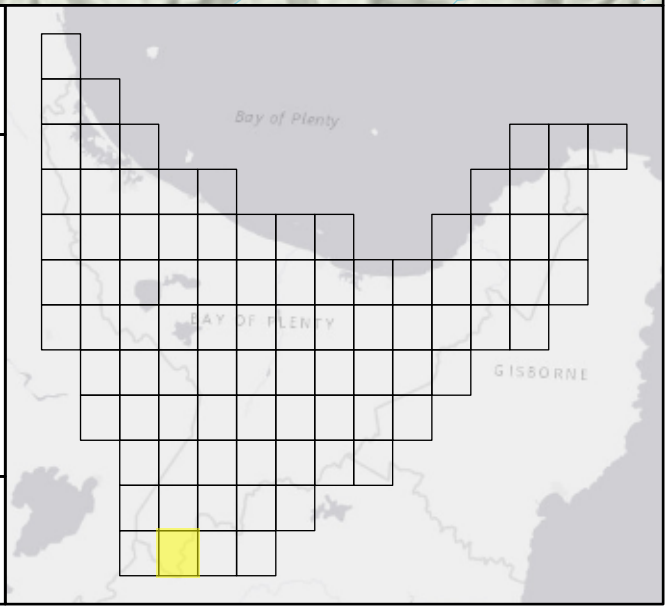
Page Number: 89

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Waipunga Falls Reserve

Pohokura

5

Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

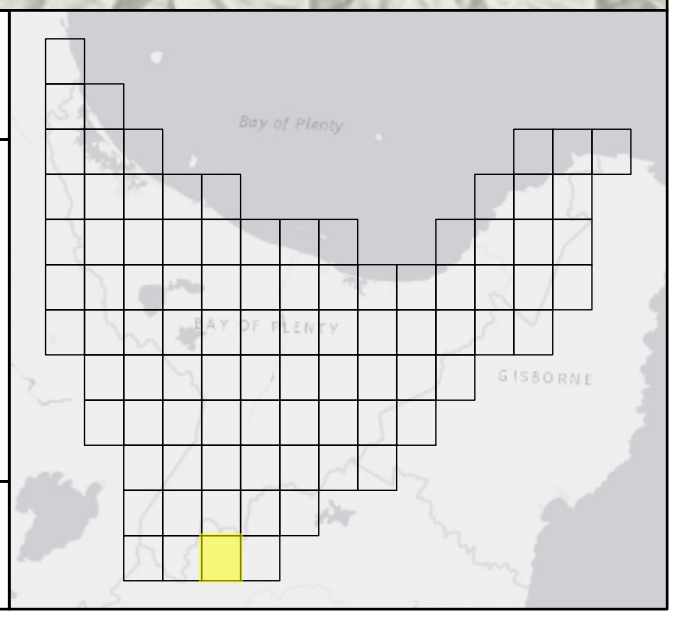
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



Rainfall Induced Landslide Susceptibility

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

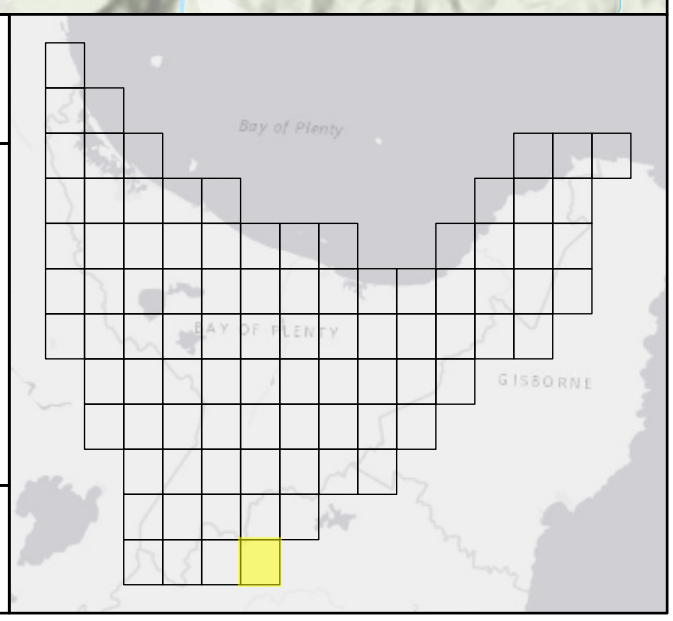
Urban Area

Scale:

0 1,500 3,000 Meters

N

Scale: 1:55,000 @A3



1 2
3 4

5 6
7 8

9 10 11 12

13 14
17 18
22

15 16
19 20 21

Bay of Plenty

BAY OF PLENTY

Grid Index - Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Legend:

Map Index

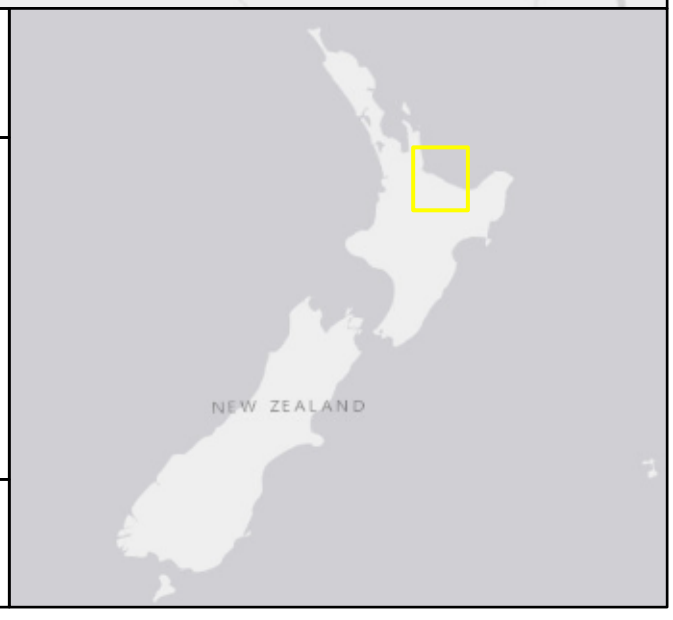
Scale:

0 13,105 26,210 Meters

N

Scale: 1:480,000 @A3

Date: 7/09/2023 **Project:** 2-9Z696.00



Heard Rd
Trig Rd N
Waihi Beach Rd
Orokawa Bay
Shark Bay

Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

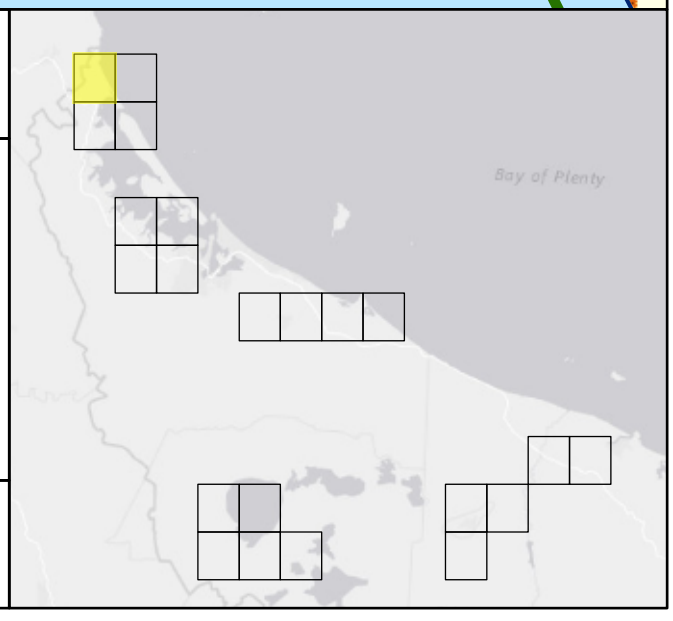
Urban Area

Page Number: 1

Scale:
0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

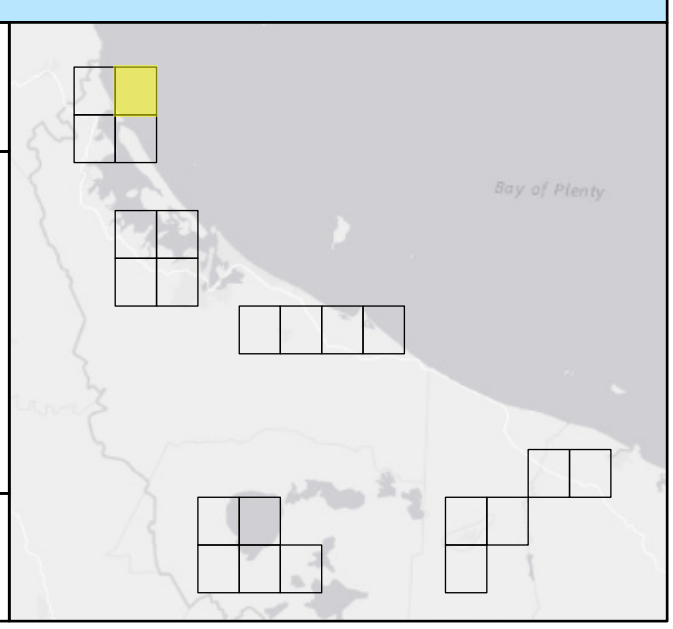
Page Number: 2

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

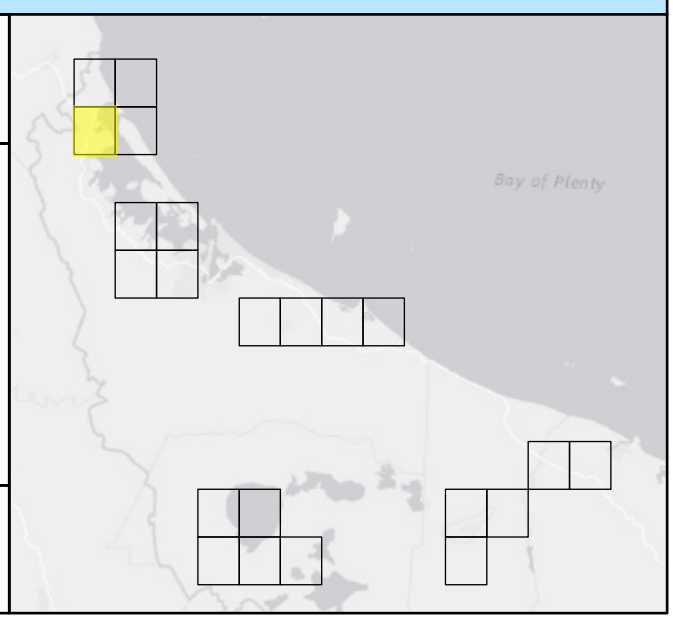
Page Number: 3

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Anzac Bay

Katikati Entrance

Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

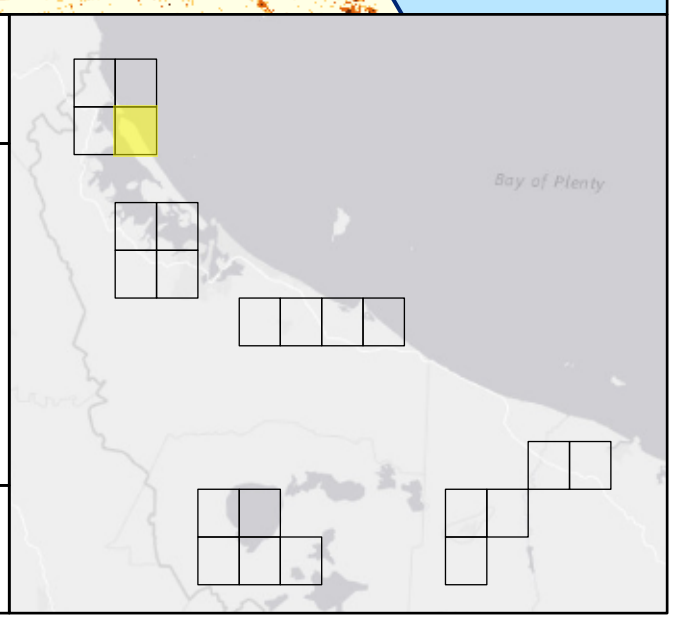
Page Number: 4

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Tauranga Harbour

BARGE

Waitapa Estuary

Maungawhai Bay

Te Puna Estuary

Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

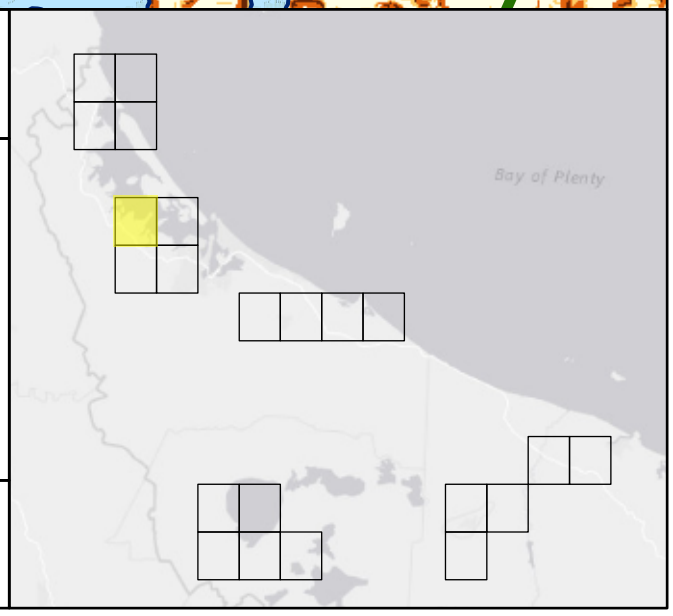
Page Number: 5

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



BARGE

BARGE

BARGE

Duck Bay

Western Channel

Tilby Channel

Fergusson Park

Matua

Levers Rd

Ngatai Rd

Ngatai Rd

Carlton St

Bellevue

Otūmoetai

Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

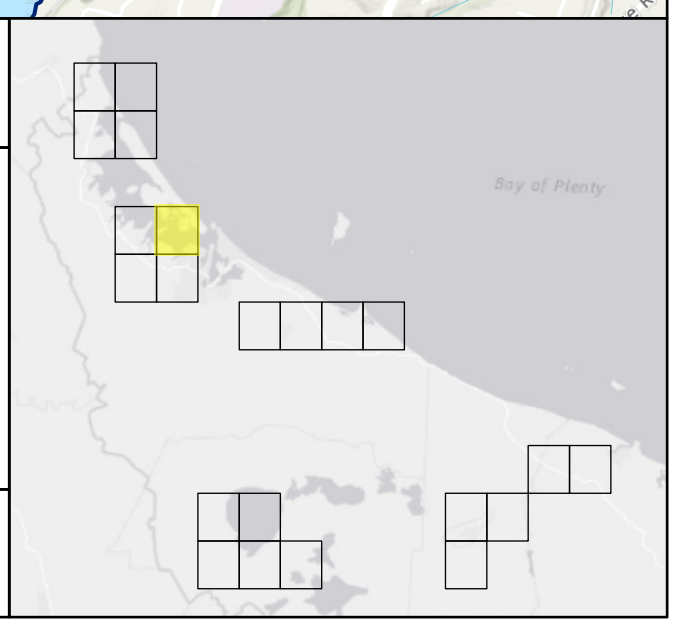
Page Number: 6

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

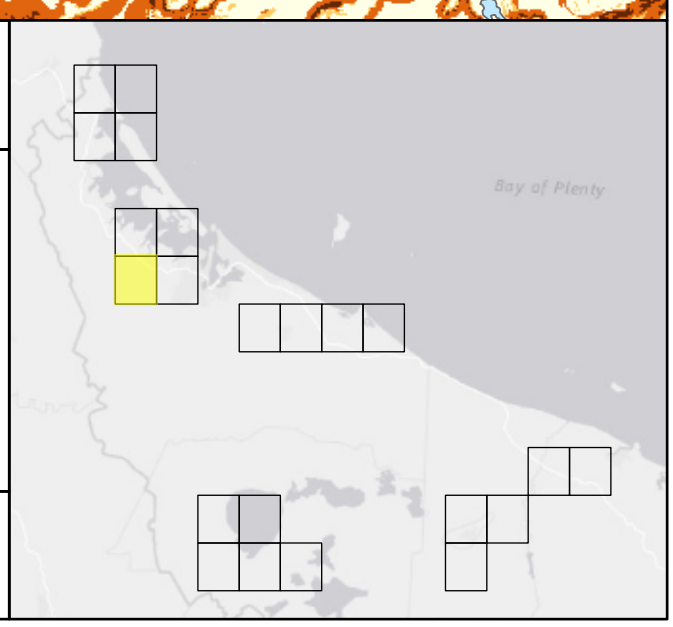
Page Number: 7

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

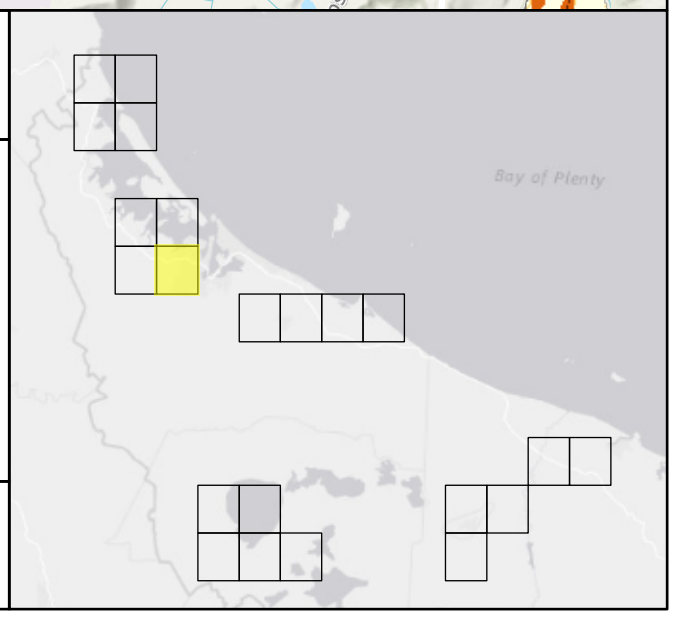
Page Number: 8

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

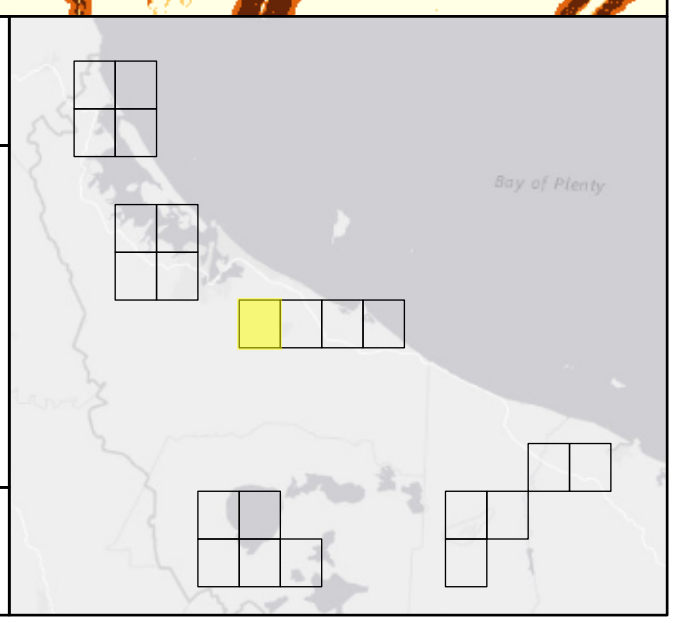
Page Number: 9

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

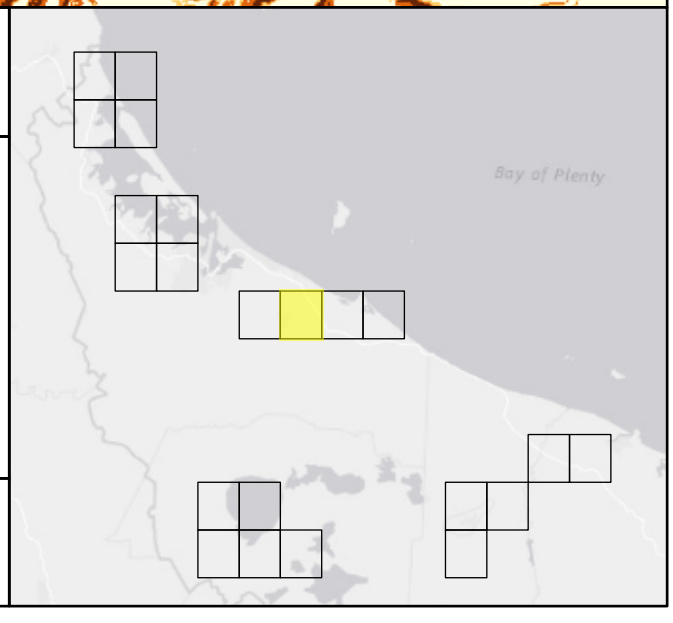
Page Number: 10

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Maketu Estuary

Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

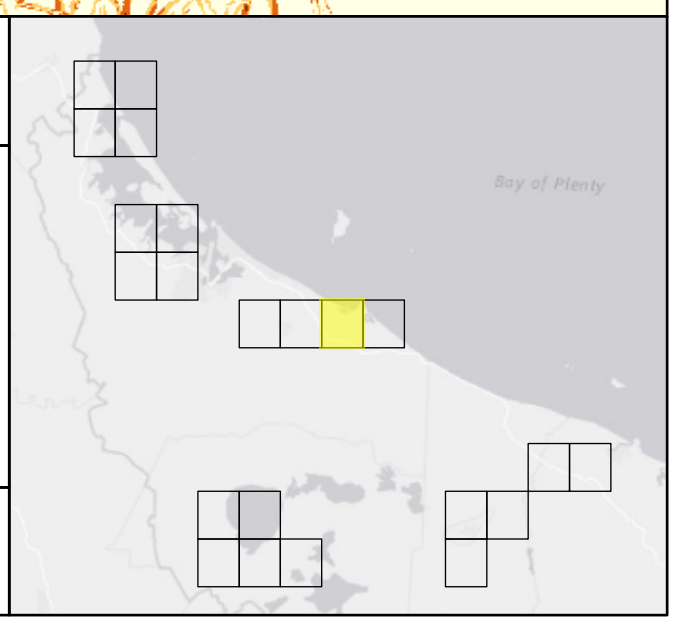
Page Number: 11

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Waihi Estuary

Park

Park

Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

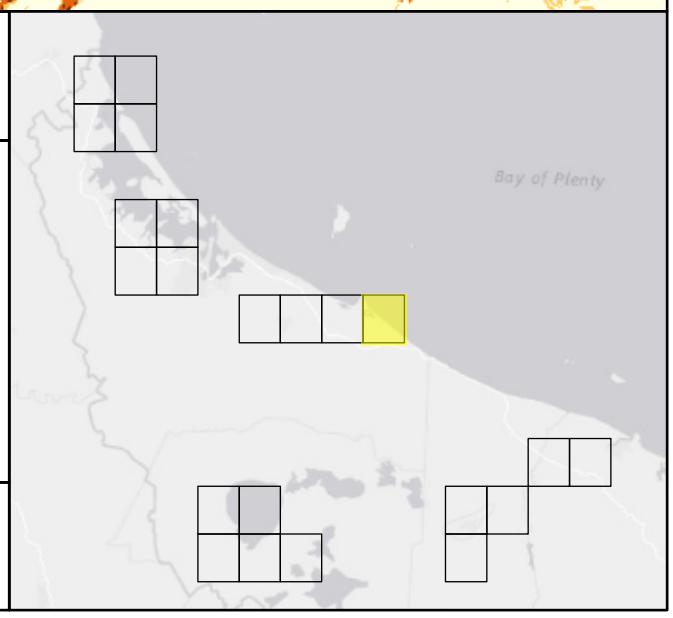
Page Number: 12

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

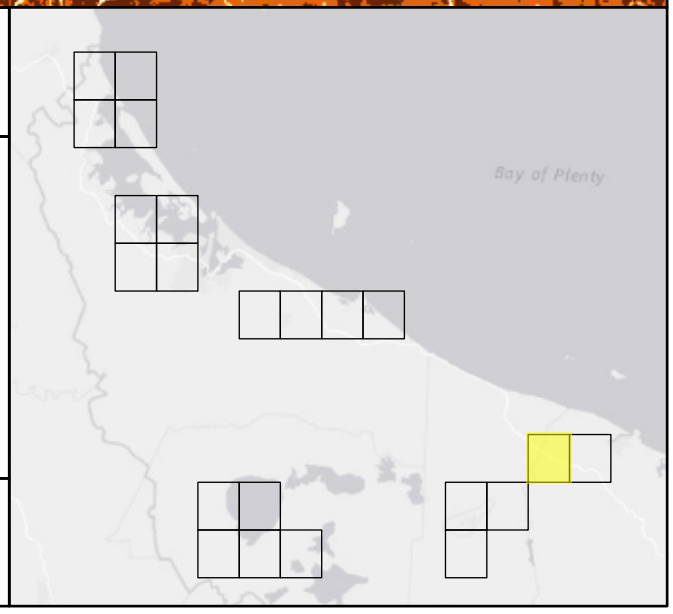
Urban Area

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

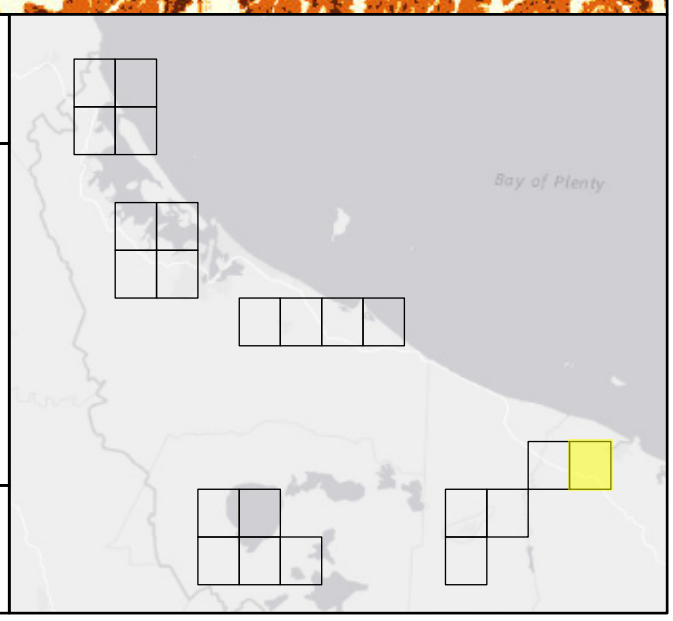
Page Number: 14

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

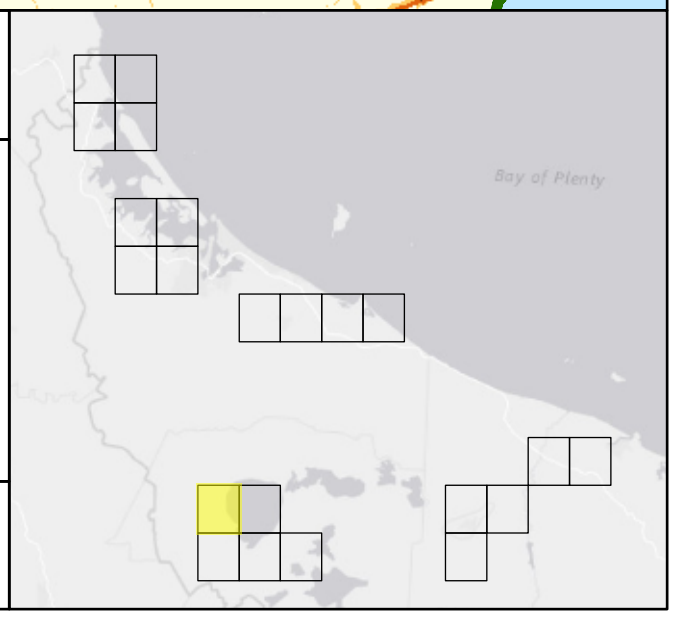
Page Number: 15

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

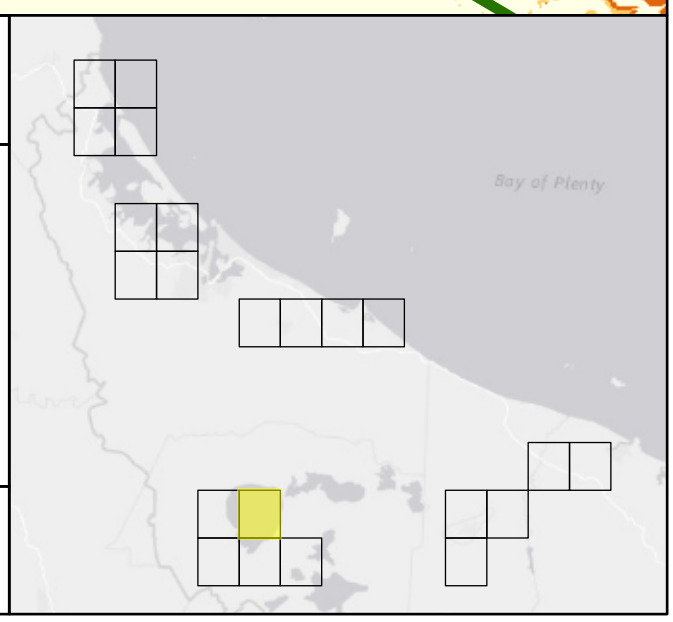
Page Number: 16

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

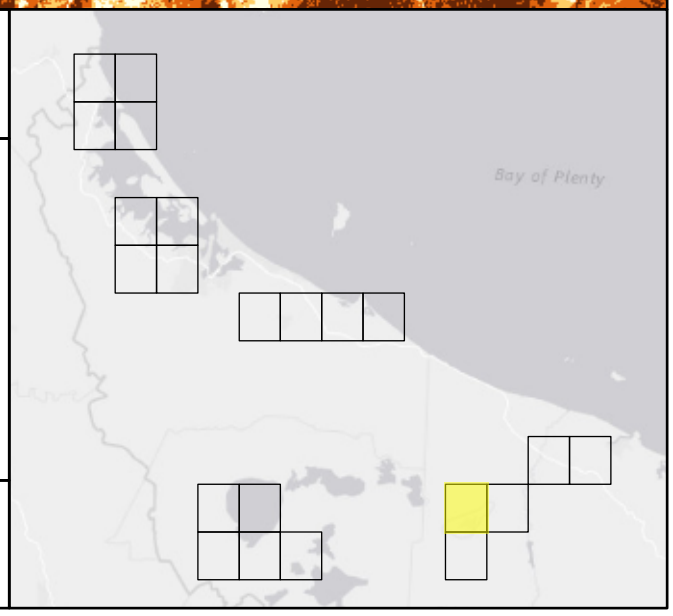
Page Number: 17

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

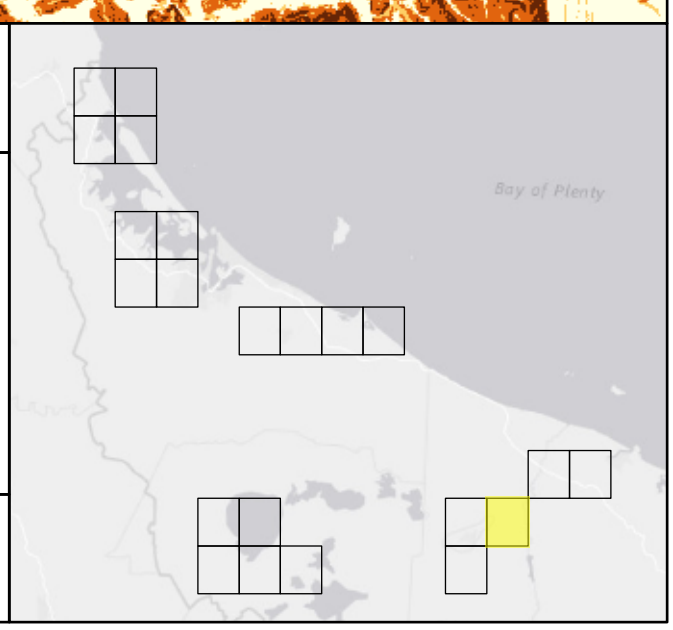
Page Number: 18

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

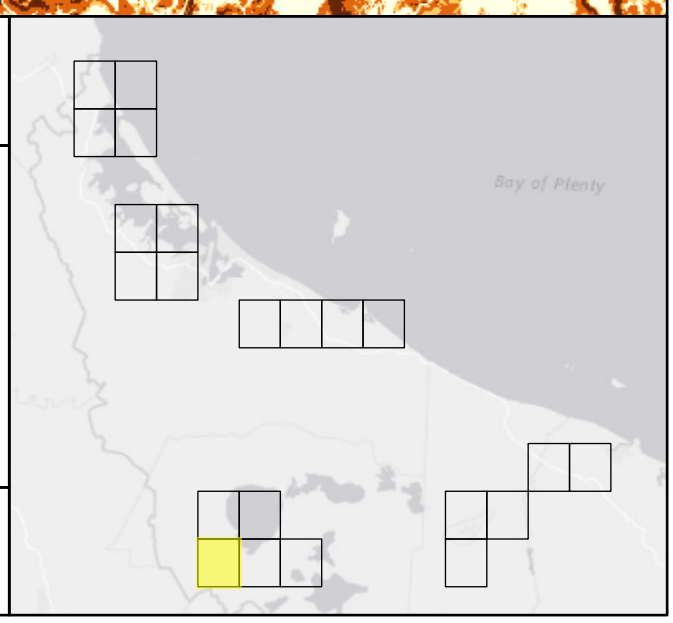
Page Number: 19

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

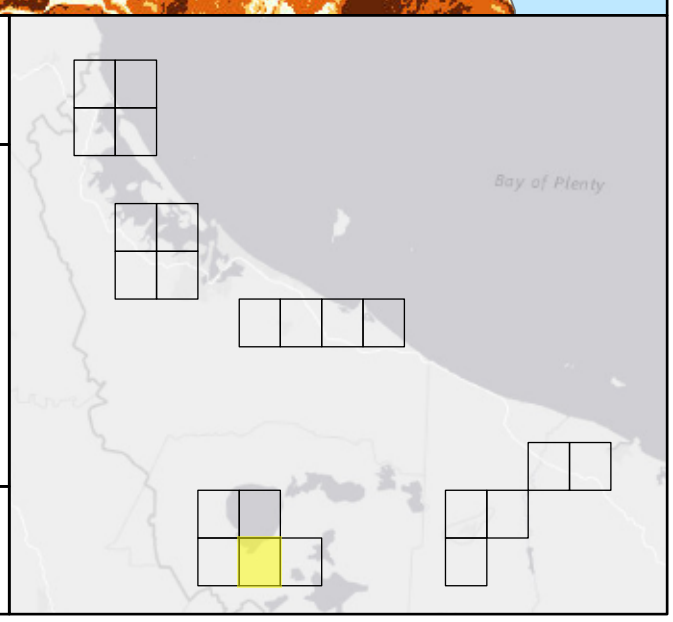
Page Number: 20

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

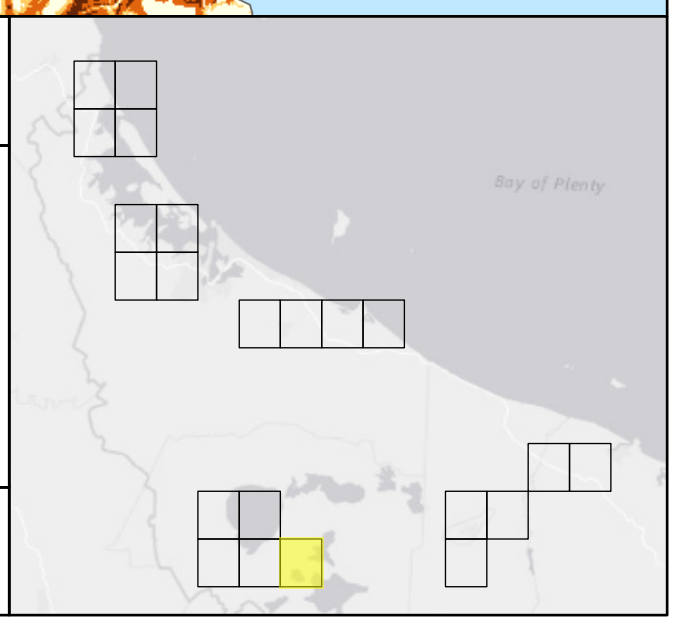
Page Number: 21

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Earthquake Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Earthquake Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

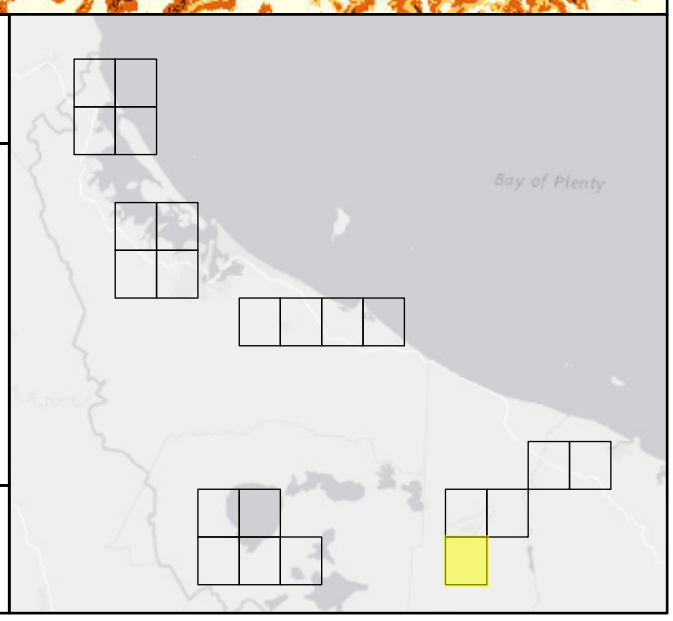
Page Number: 22

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Heard Rd
Trig Rd N
Waihi Beach Rd
Orokawa Bay
Shark Bay

Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

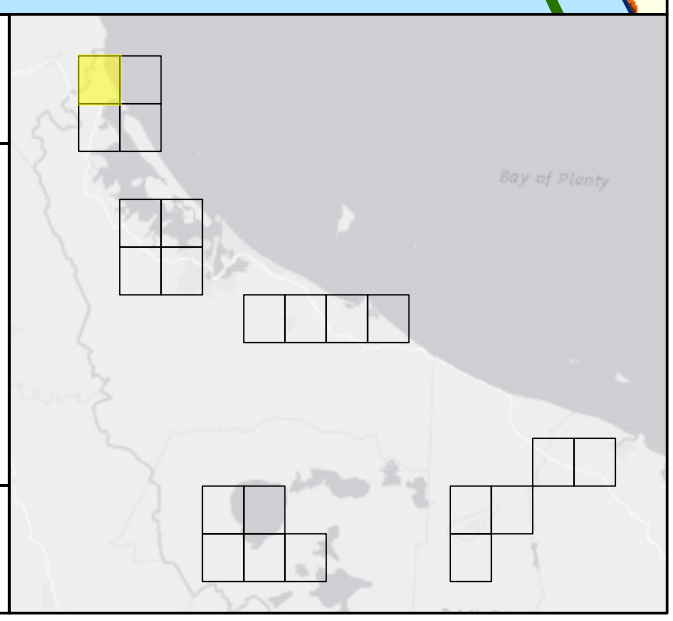
Page Number: 1

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

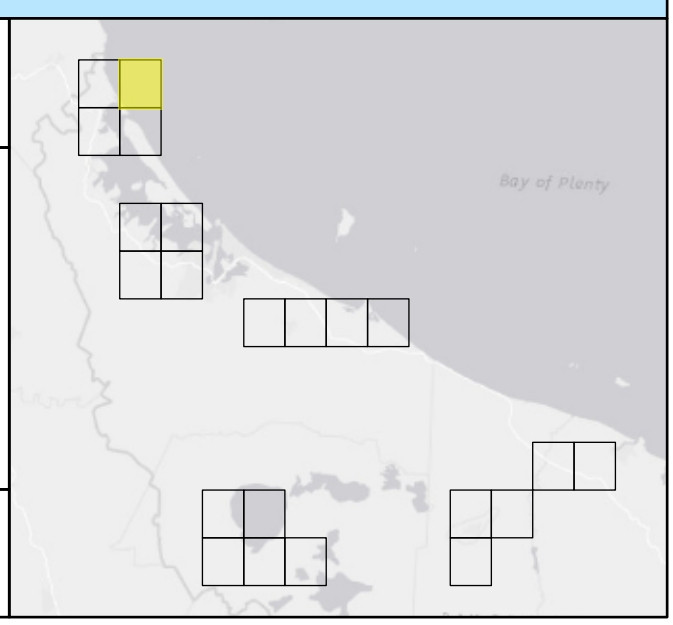
Page Number: 2

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

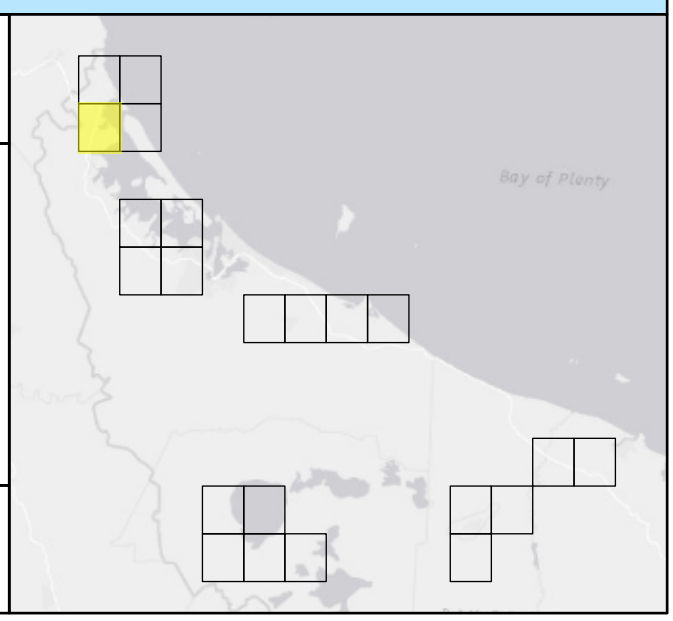
Page Number: 3

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Anzac Bay

Katikati Entrance

Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

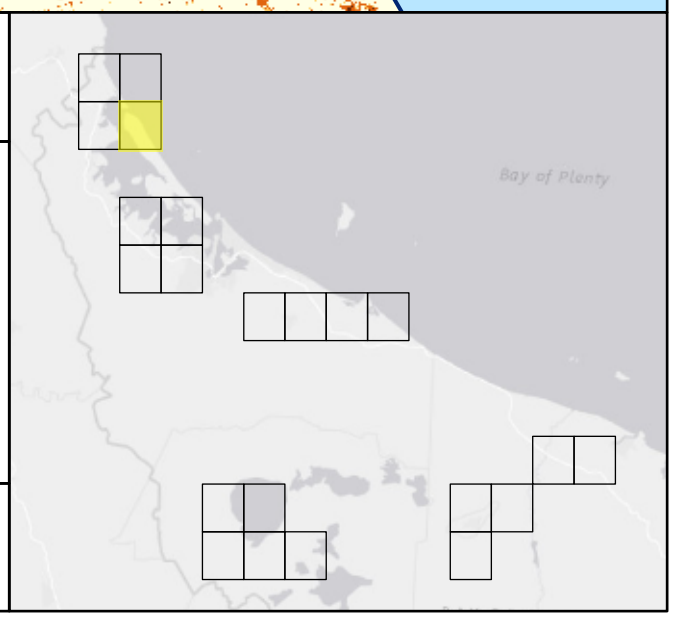
Page Number: 4

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Tauranga Harbour

BARGE

Waipapa Estuary

Maungawhai Bay

Te Puna Estuary

Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

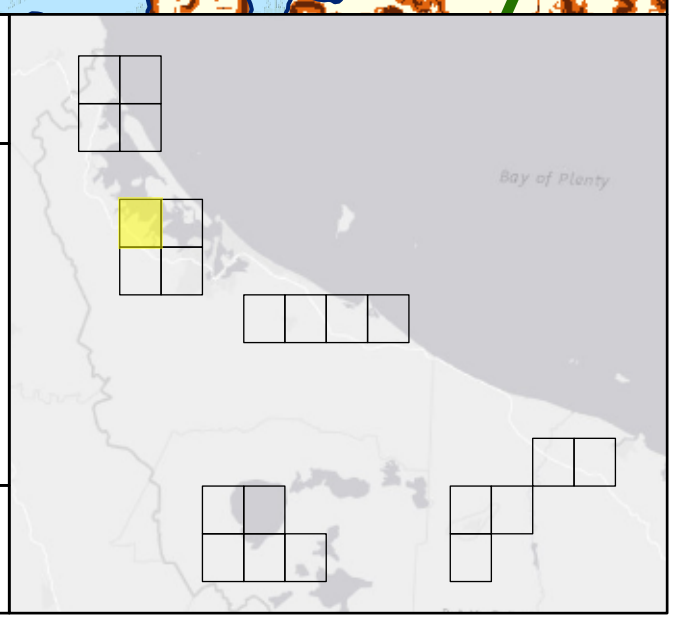
Page Number: 5

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



BARGE

BARGE

BARGE

Duck Bay

Western Channel

Tilby Channel

Fergusson Park

Matua

Levers Rd

Ngatai Rd

Ngatai Rd

Carlton St

Otūmoetai

Bellevue

Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

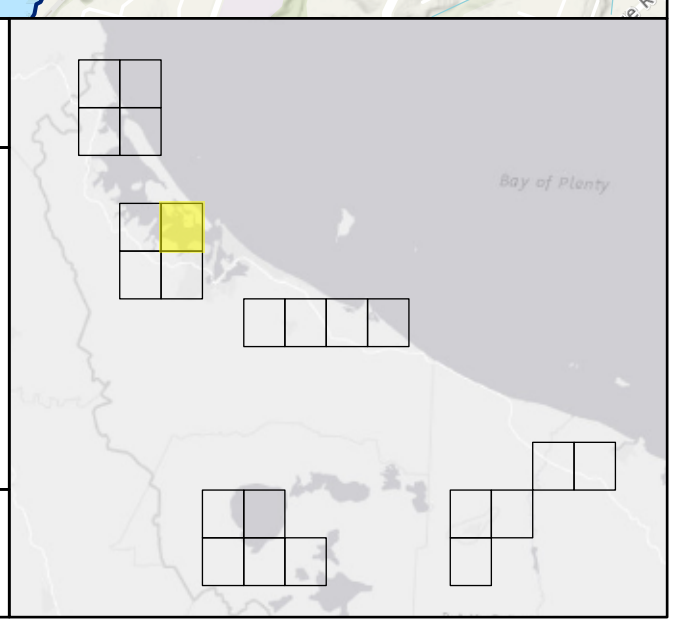
Page Number: 6

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

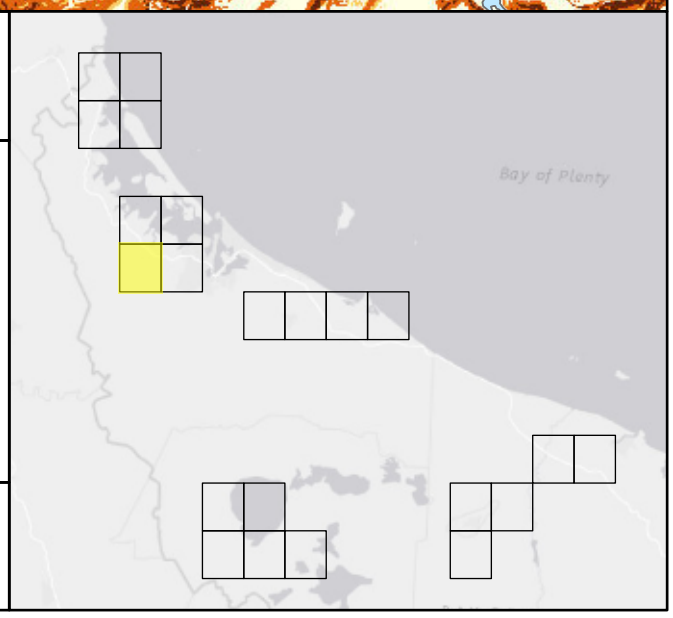
Page Number: 7

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

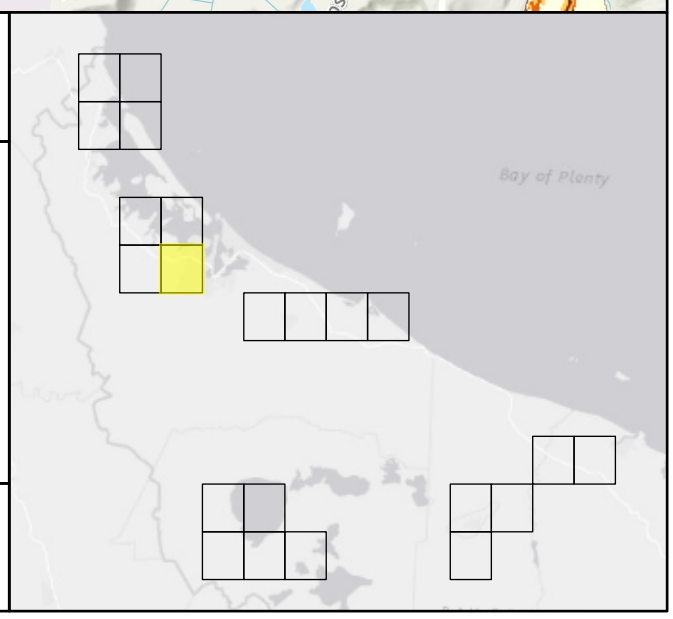
Page Number: 8

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

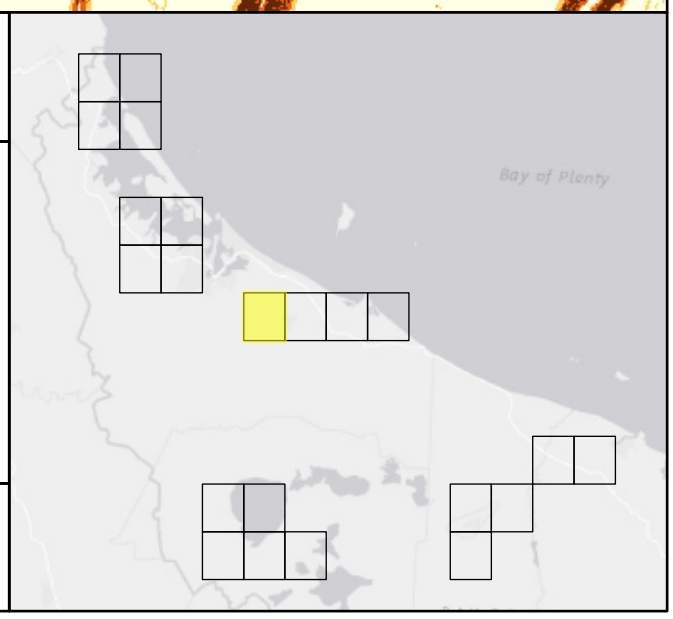
Page Number: 9

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

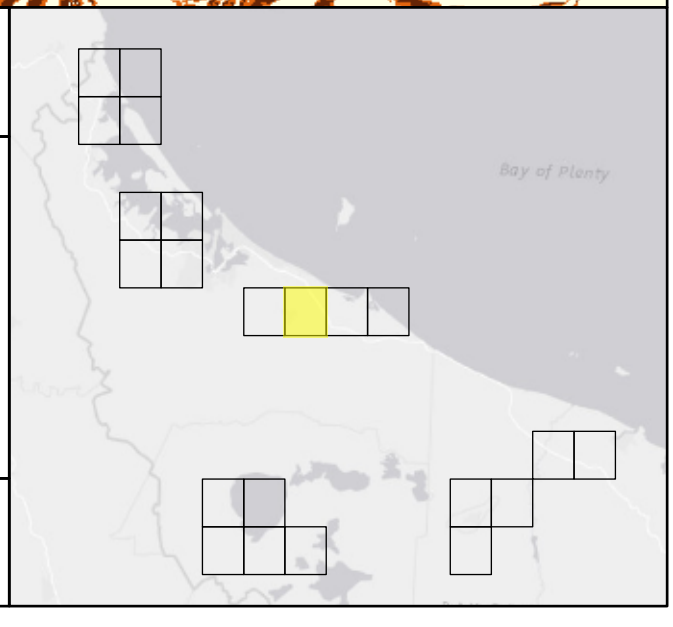
Page Number: 10

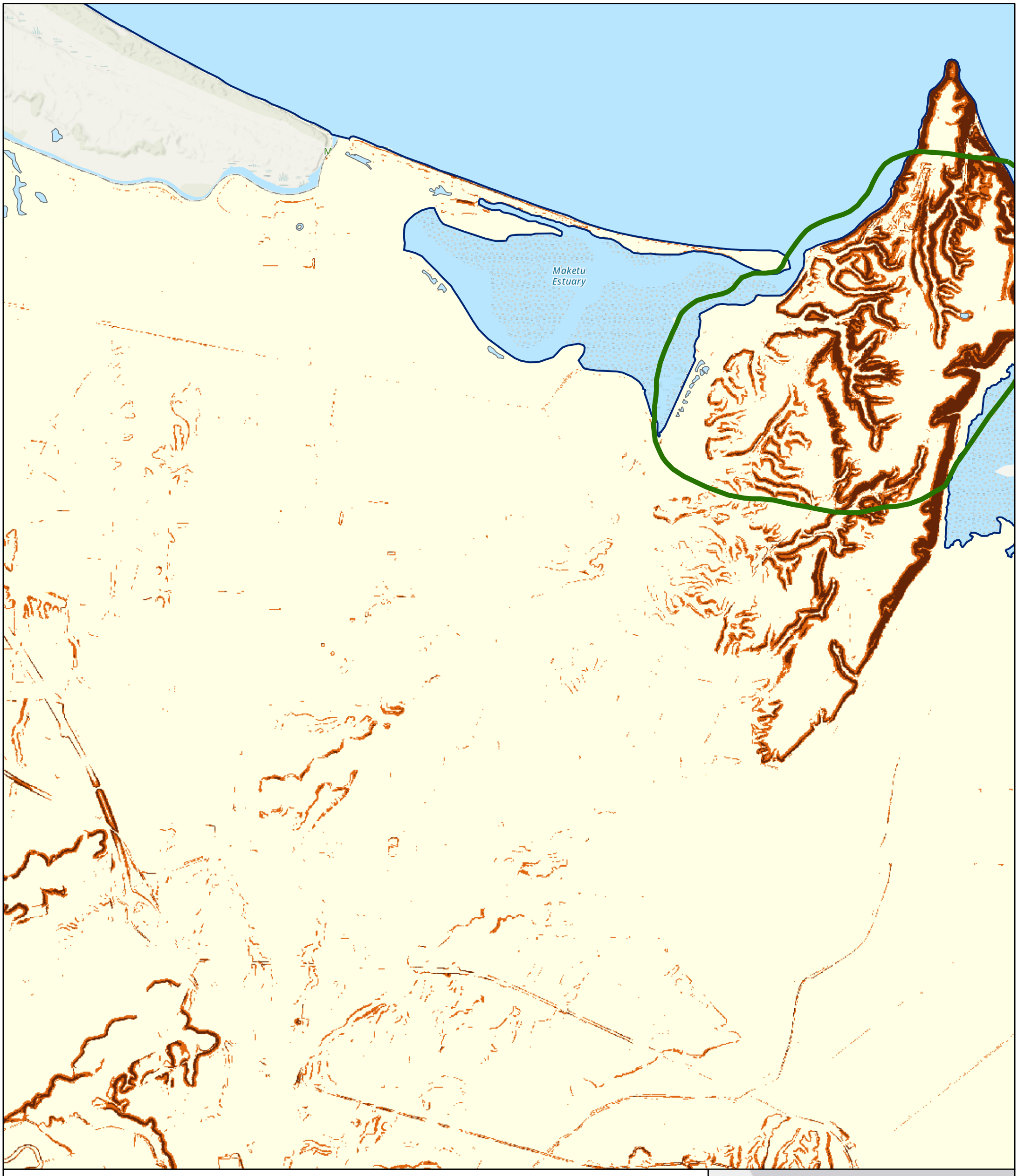
Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3





Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

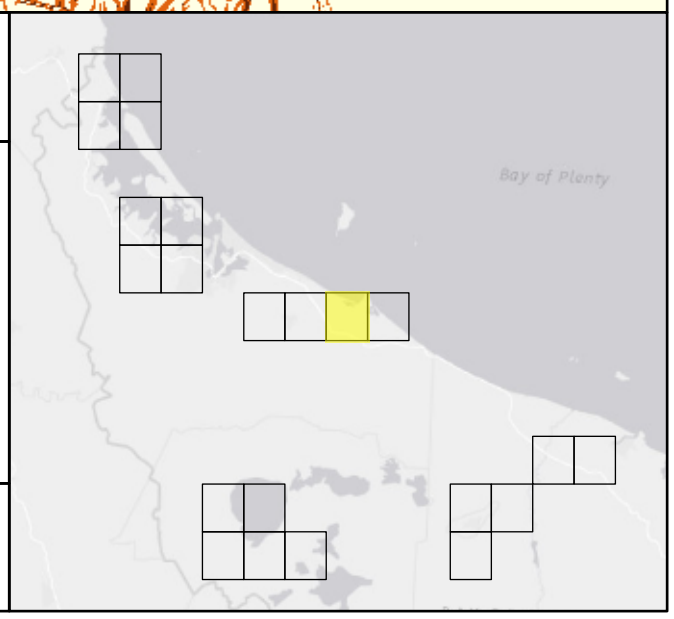
Page Number: 11

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Waihi Estuary

Park

Park

Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

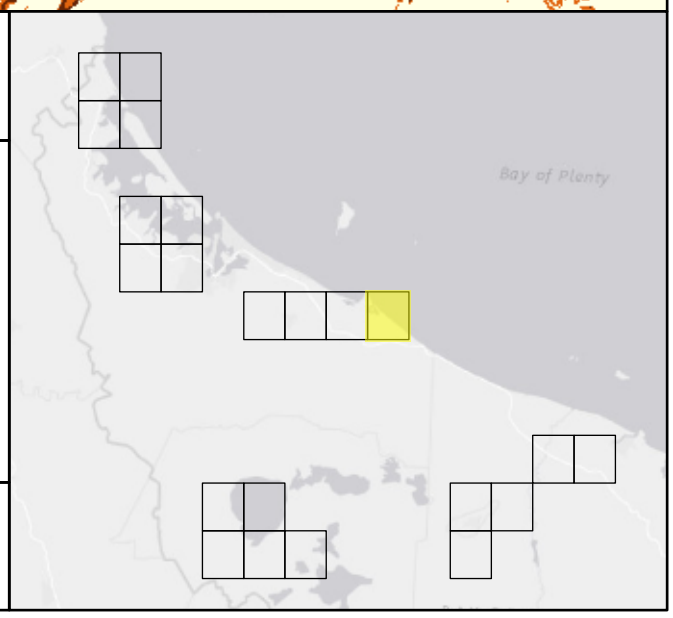
Page Number: 12

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

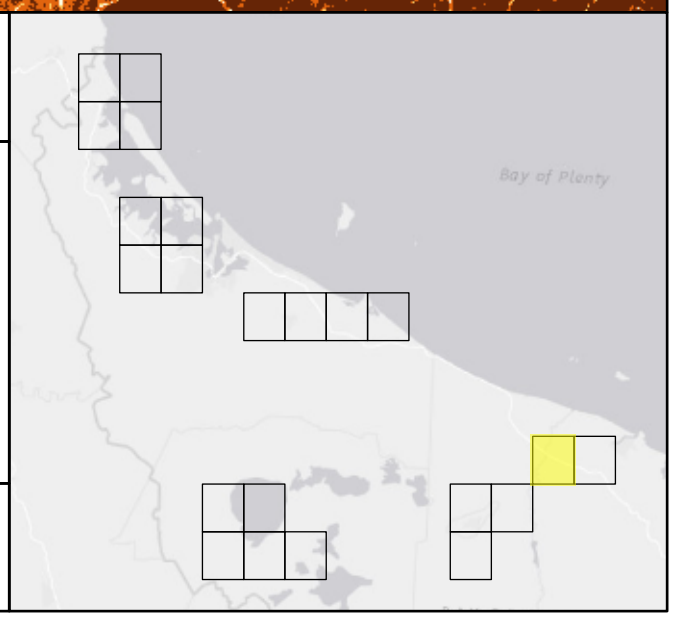
Page Number: 13

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

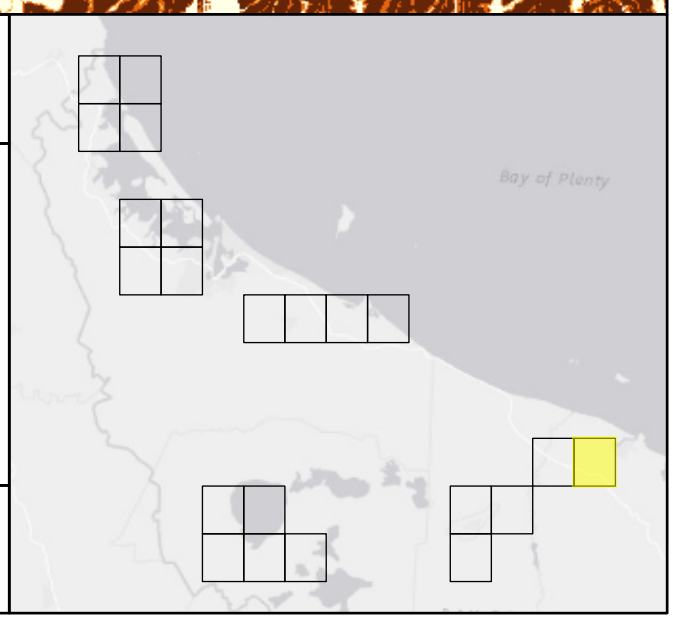
Page Number: 14

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

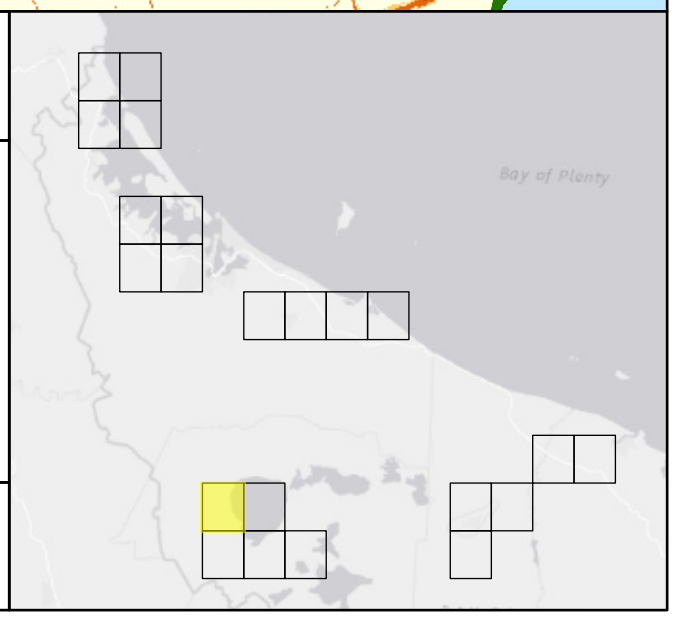
Page Number: 15

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000 @A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

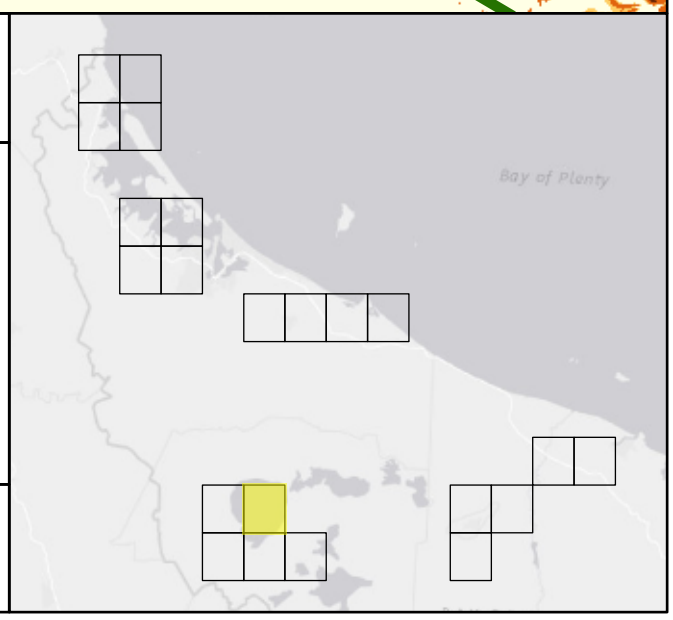
Page Number: 16

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

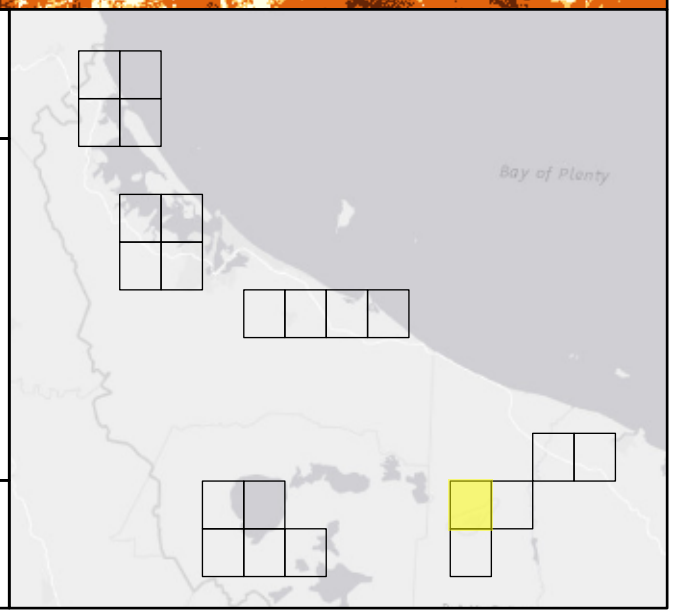
Page Number: 17

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

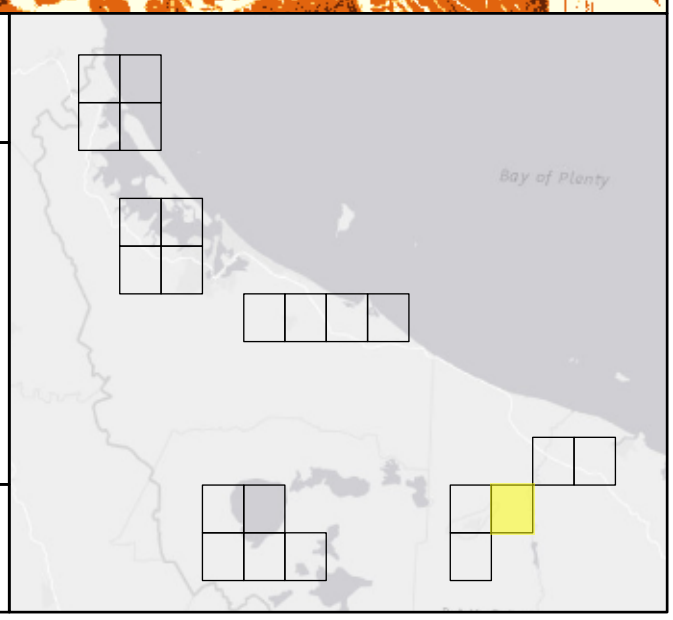
Page Number: 18

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

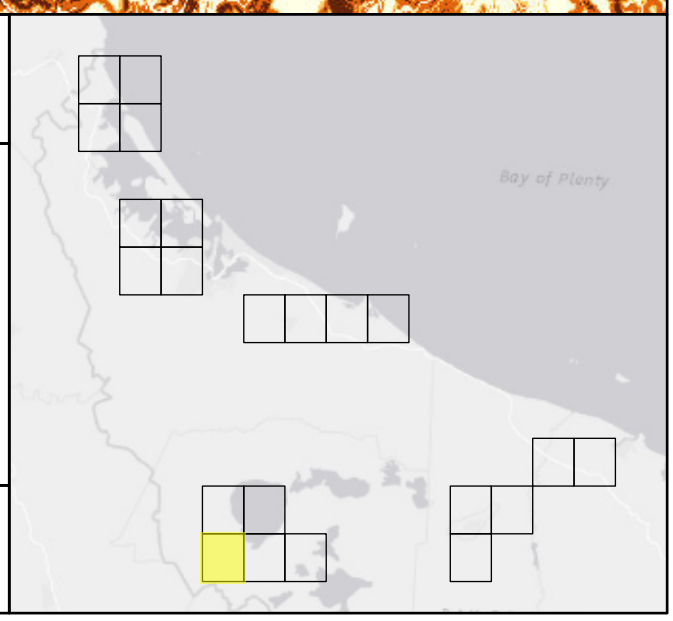
Page Number: 19

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility
- Very low
- Low
- Moderate
- High

Urban Area

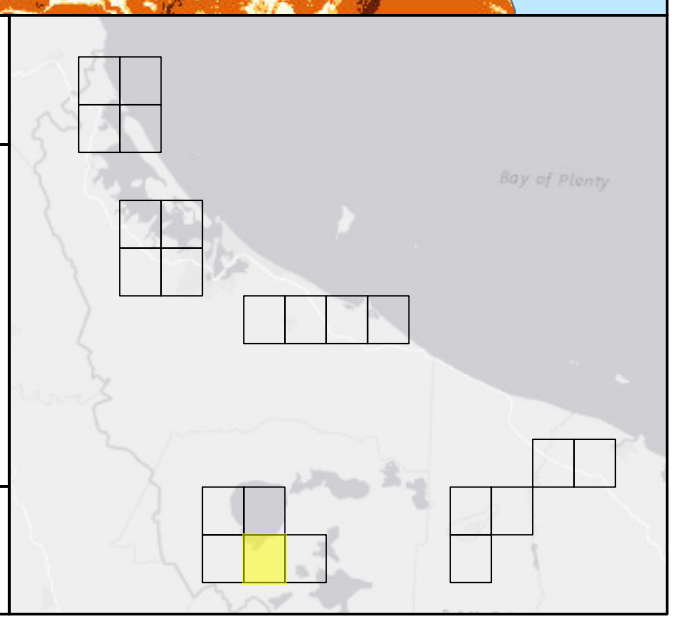
Page Number: 20

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

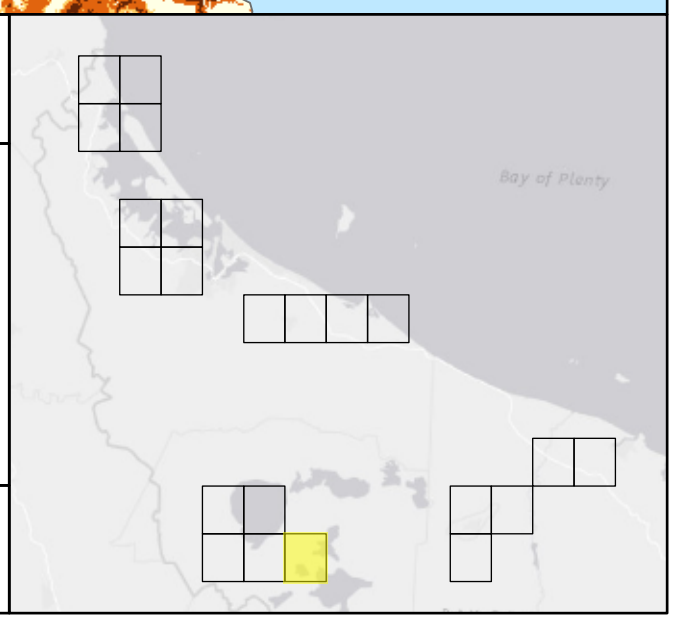
Page Number: 21

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



Rainfall Induced Landslide Susceptibility
Urban Areas

Prepared For:

BAY OF PLENTY REGIONAL COUNCIL
TOI MOANA

Prepared By:

wsp

Date: 12/09/2023 **Project:** 2-9Z696.00

Legend:

Rainfall Induced Landslide Susceptibility

- Very low
- Low
- Moderate
- High

Urban Area

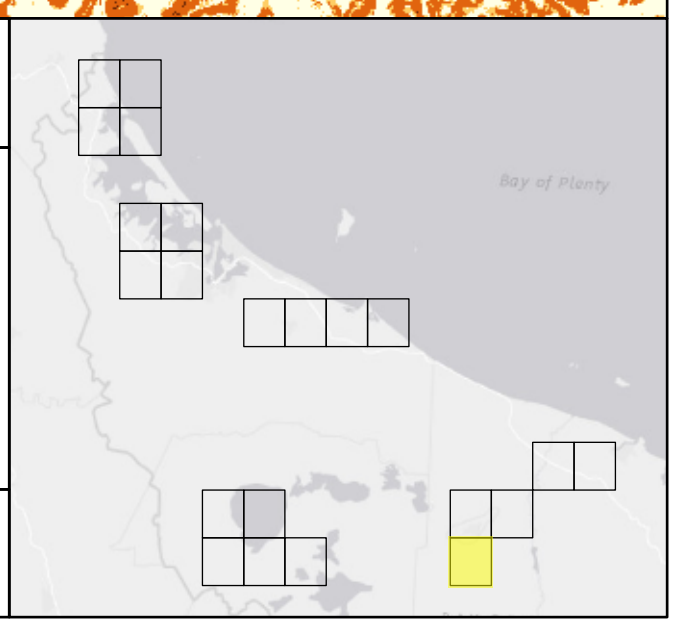
Page Number: 22

Scale:

0 500 1,000 Meters

N

Scale: 1:25,000
@A3



wsp.com/nz