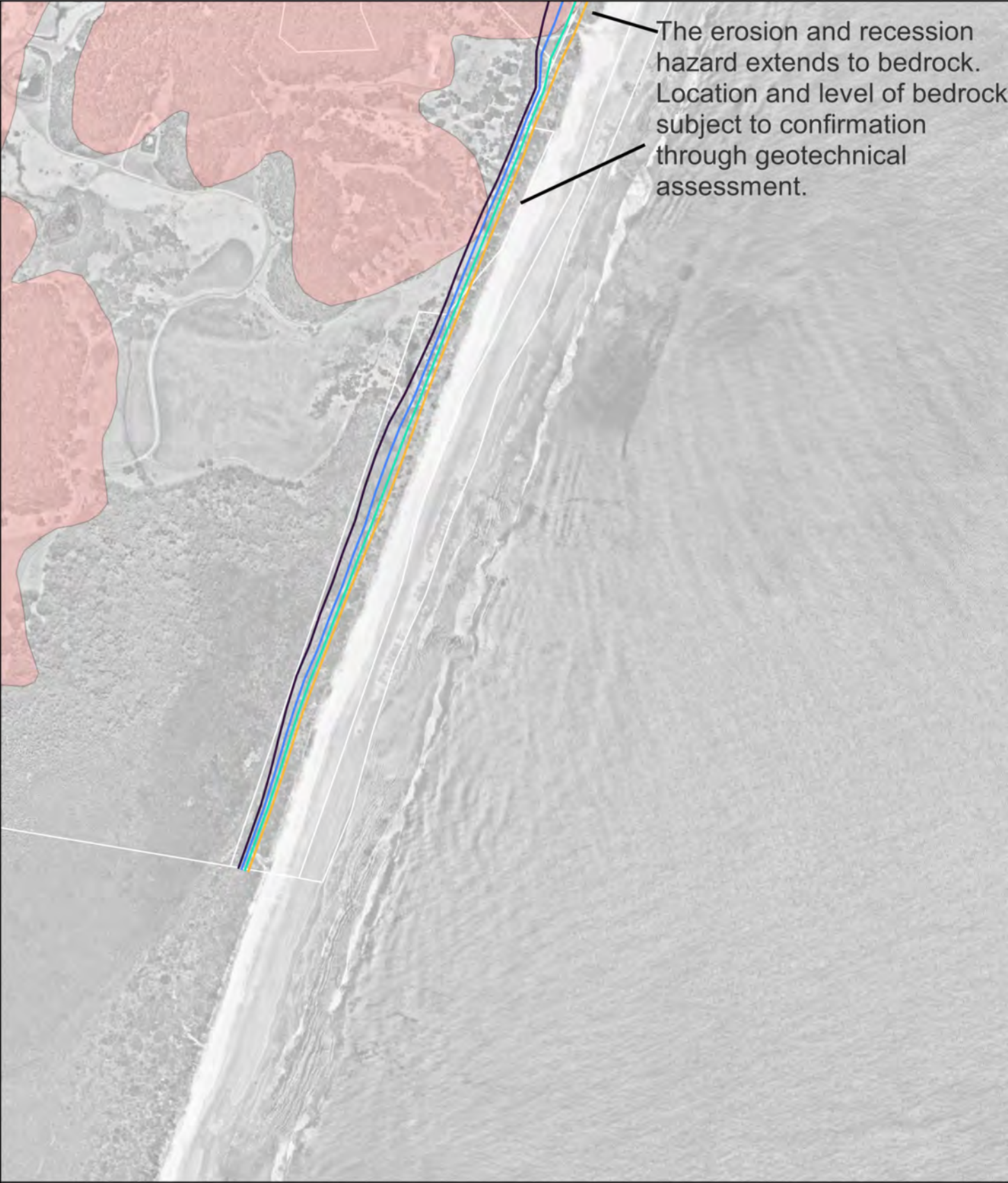
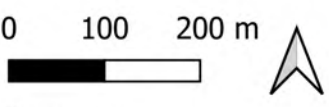


## Maps



**Seven Mile Beach (south) erosion and recession hazard (Immediate, ZRFC)**



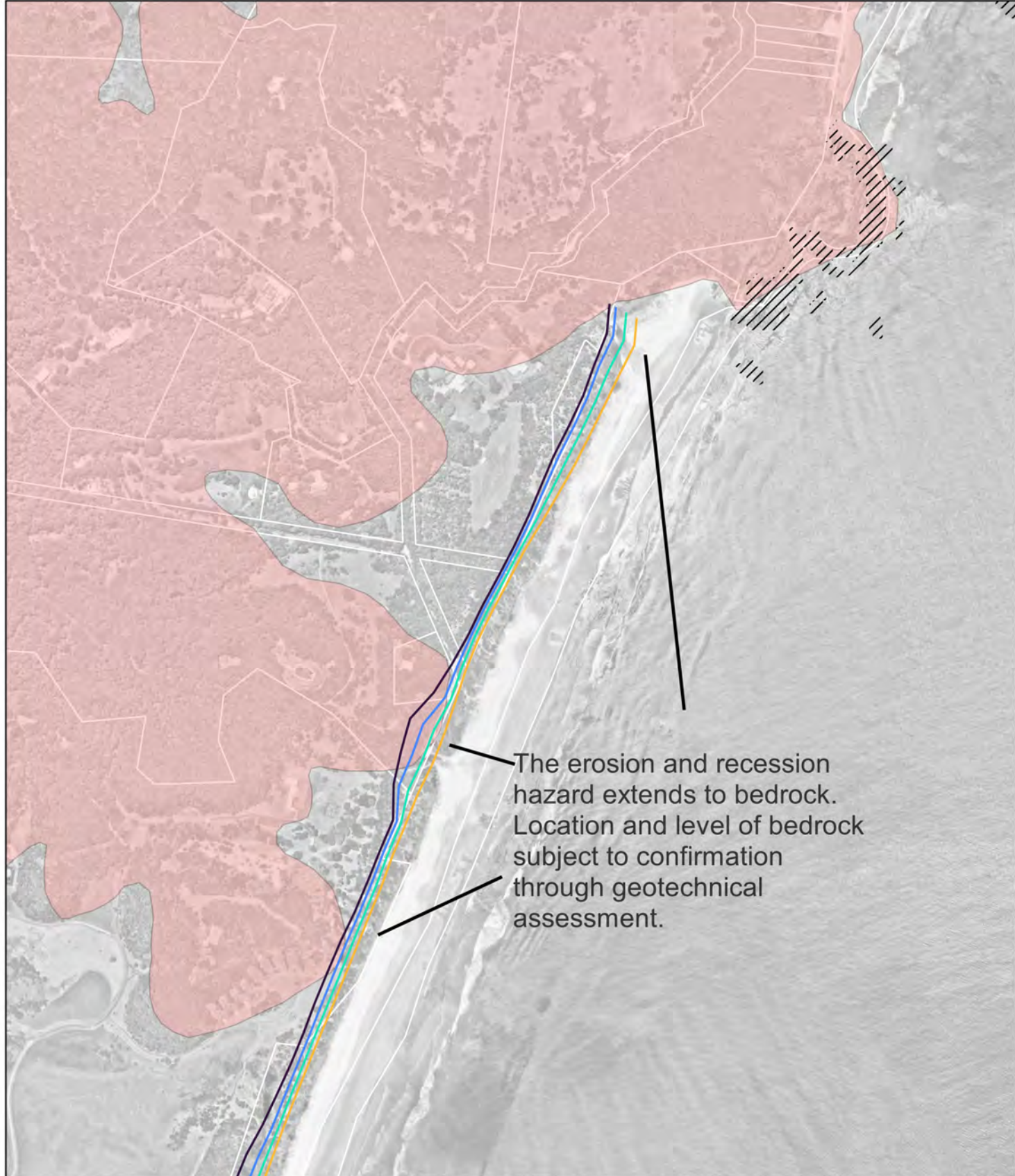
Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- //// Outcrop/ reef
- Sandstone unit^ (red shaded area)
- Cadastre (white lines)

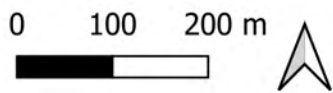
Disclaimer:  
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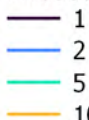


## Seven Mile Beach (north) erosion and recession hazard (Immediate, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

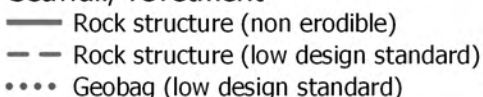
Exceedance probability (%)



//// Outcrop/ reef

■ Sandstone unit^  
 --- Cadastre (white lines)

Seawall/ revetment

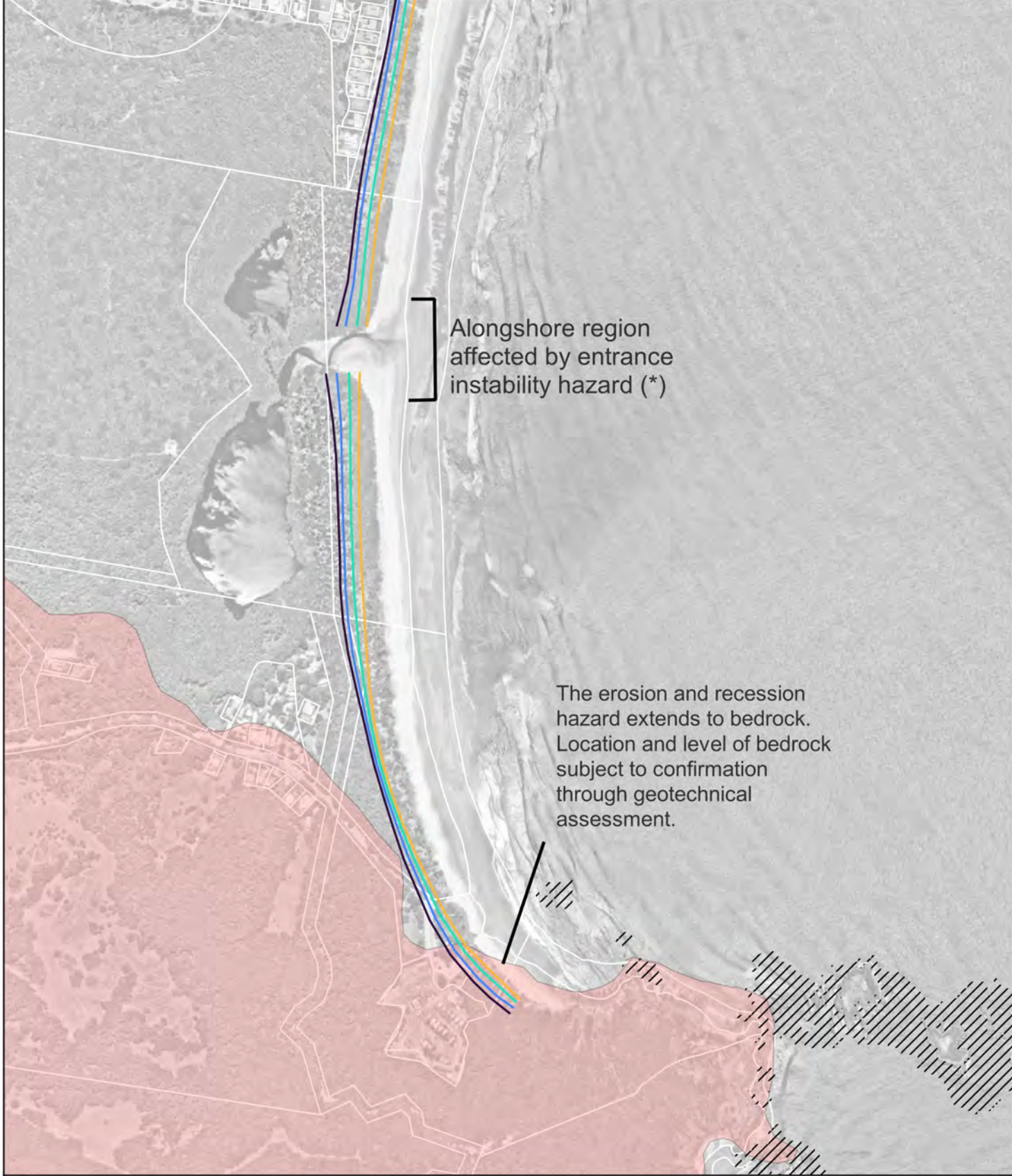


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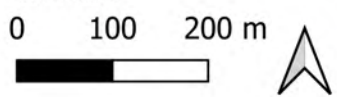


Alongshore region affected by entrance instability hazard (\*)

The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Broken Head erosion and recession hazard (Immediate, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - Geobag (low design standard)
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

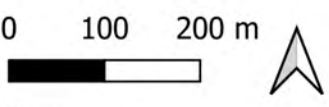
Disclaimer:  
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### Suffolk Park erosion and recession hazard (Immediate, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - Geobag (low design standard)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

Disclaimer:  
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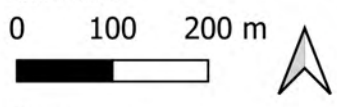




Alongshore region affected by entrance instability hazard (\*)

### Suffolk Park to Tallow Beach erosion and recession hazard (Immediate, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (pink hatched area)
- Sandstone unit^ (pink solid area)
- Cadastrate (white lines)

Disclaimer:  
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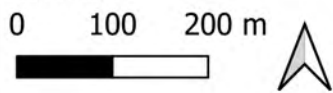






### Tallow Creek erosion and recession hazard (Immediate, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps

Nearmap captured (16-11-2022)

Overview: ESRI Standard

^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
— Cadastre (white lines)

Seawall/ revetment

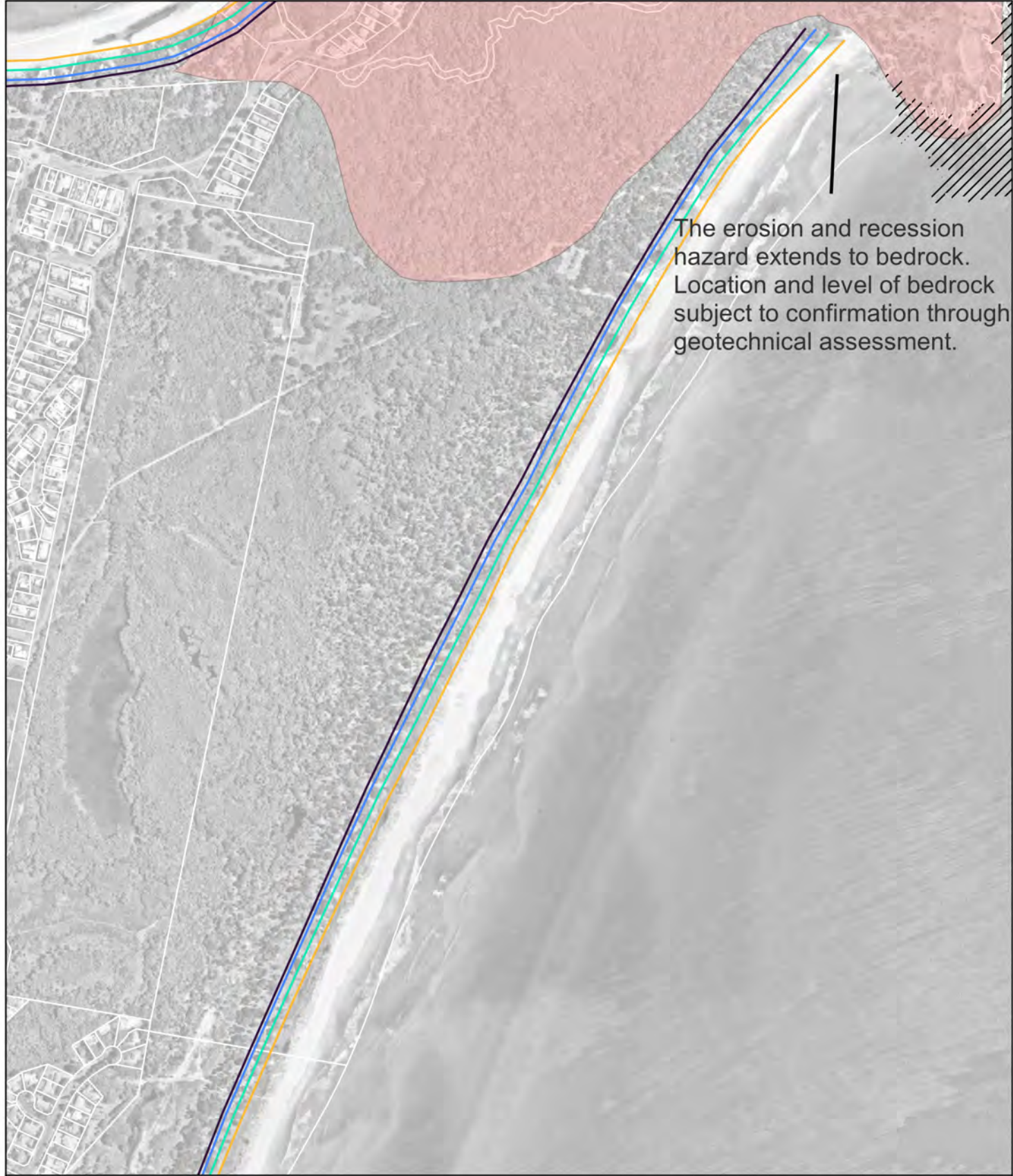
- Rock structure (non erodible)
- - Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

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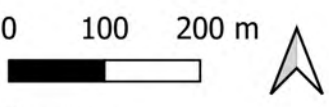
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The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

**Tallow Beach (north) erosion and recession hazard (Immediate, ZRFC)**



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

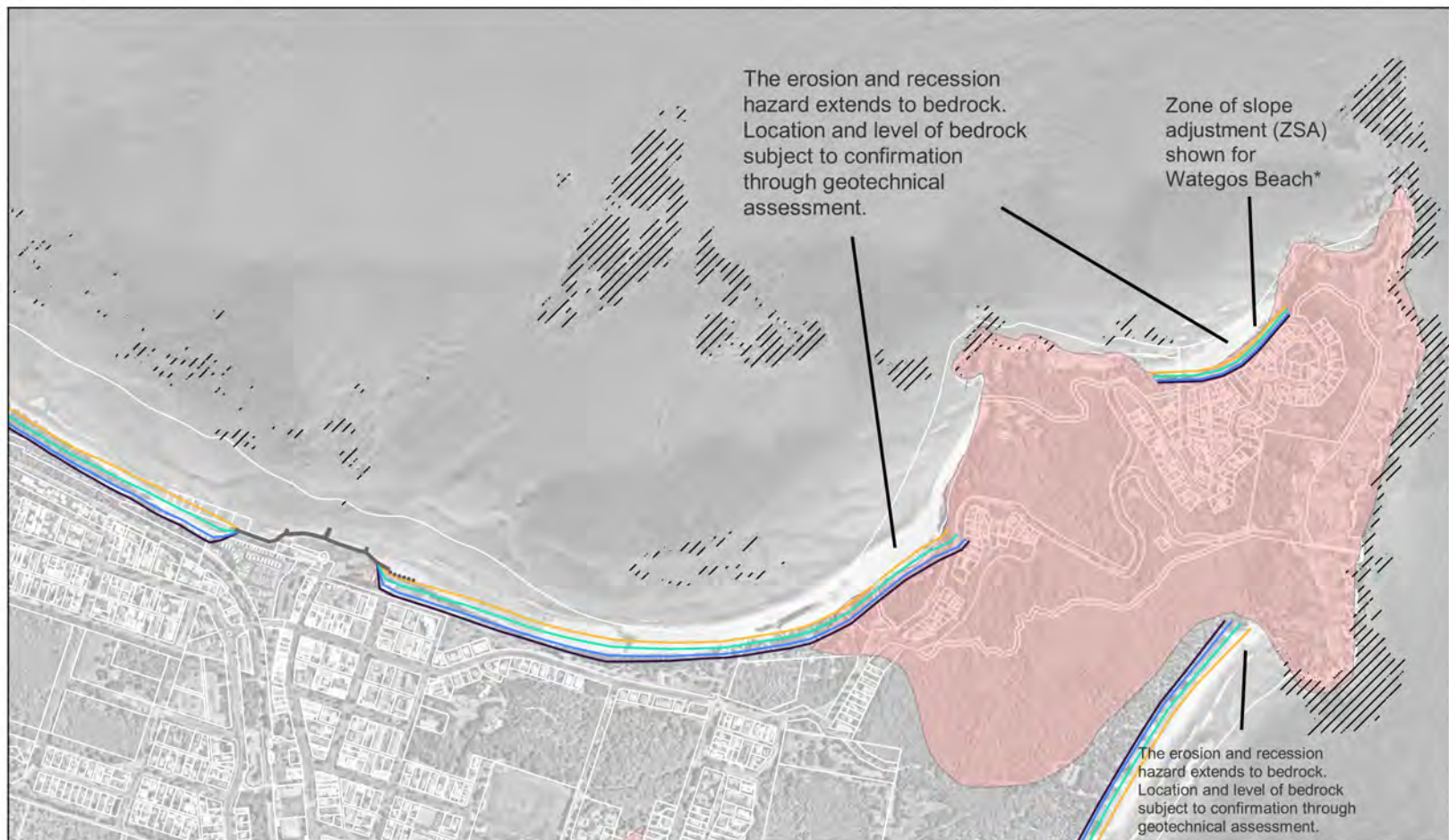
- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - Geobag (low design standard)

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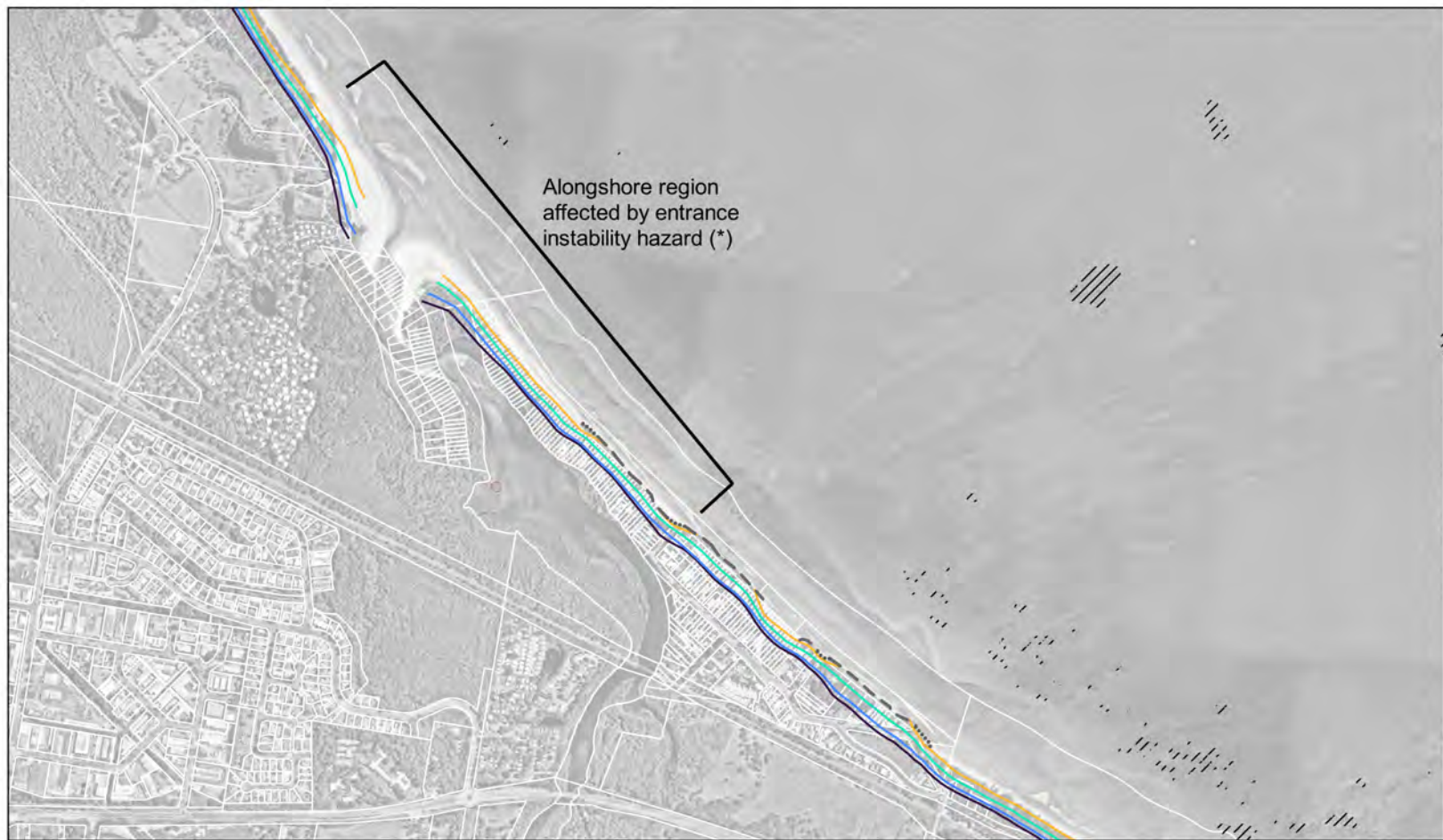
### Byron embayment (east) erosion and recession hazard (Immediate, ZRFC)



- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Cadastre (white lines)  
 Seawall/ revetment  
 Rock structure (non erodible)  
 Rock structure (low design standard)  
 Geobag (low design standard)
- Outcrop/ reef  
 Sandstone unit^

\*Refer to Section 5.4 in main report for further detail  
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Basemaps  
 Nearmap (captured 16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database  
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### Byron embayment (west) erosion and recession hazard (Immediate, ZRFC)

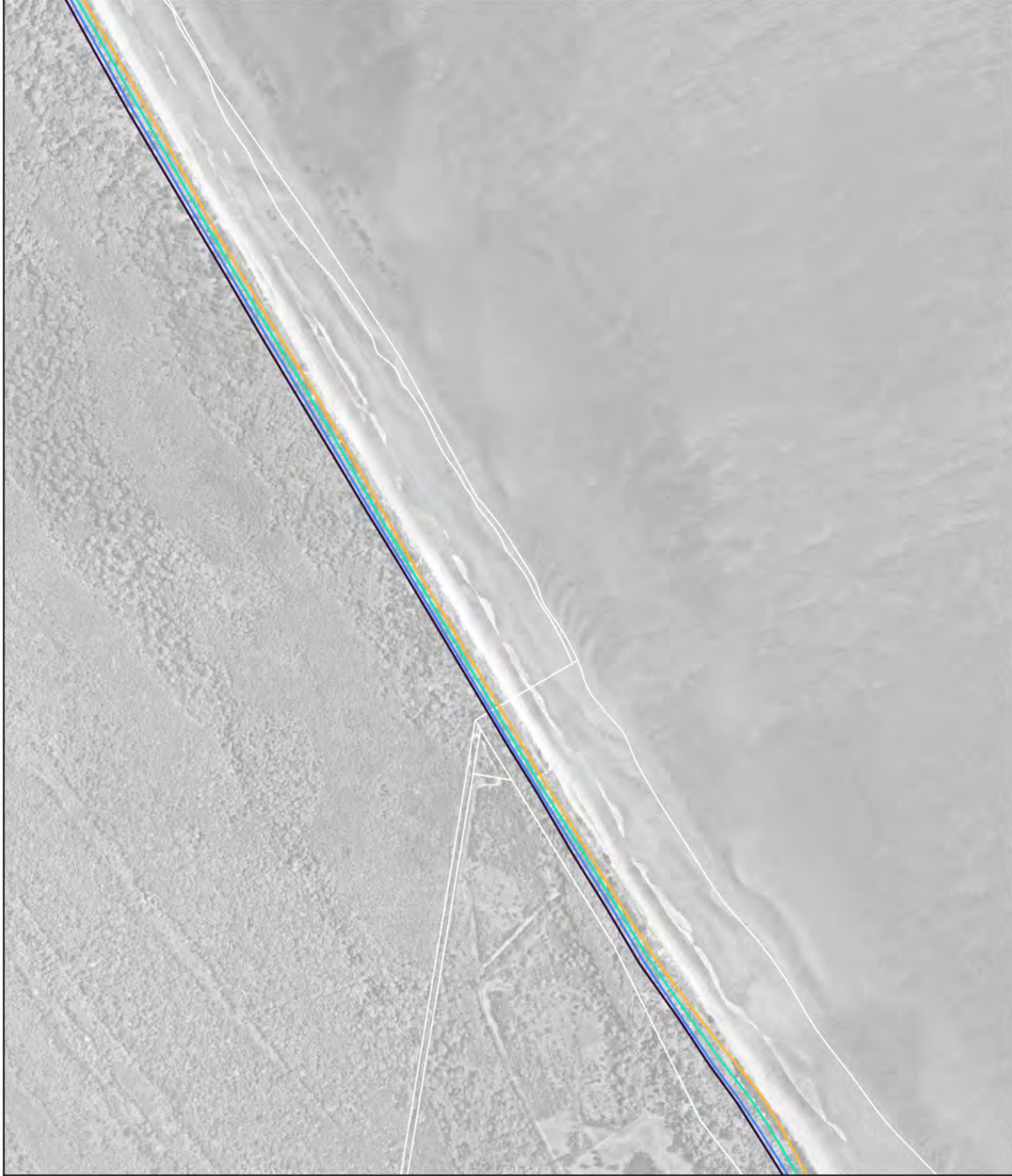


- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Cadastre (white lines)  
 Seawall/ revetment  
 Rock structure (non erodible)  
 Rock structure (low design standard)  
 Geobag (low design standard)
- Outcrop/ reef  
 Sandstone unit^

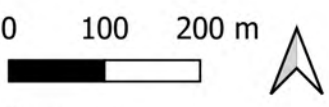
\*Refer to Section 8.2 in main report for further detail  
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Basemaps  
 Nearmap (captured 16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database  
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**Belongil Beach (north) erosion and recession hazard (Immediate, ZRFC)**



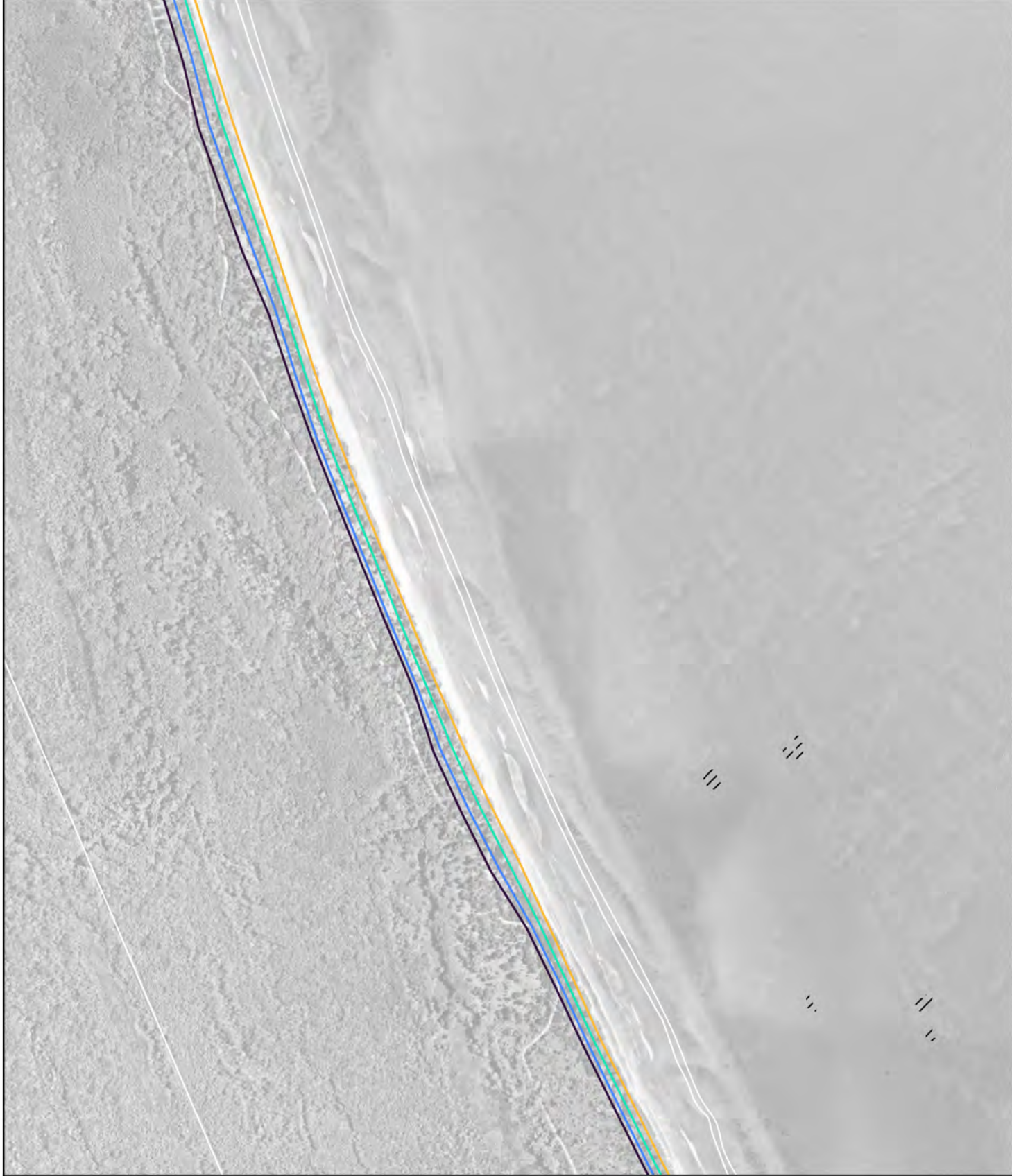
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- //// Outcrop/ reef (pink hatched area)
- Sandstone unit^ (pink shaded area)
- Cadastrre (white lines) (white outline)

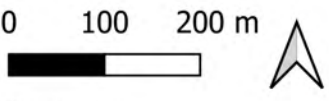
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### Tyagarah Beach (south) erosion and recession hazard (Immediate, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- //// Outcrop/ reef
- Sandstone unit^ (pink shaded area)
- Cadastre (white lines)

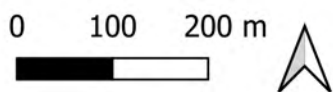
Disclaimer:  
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## Tyagarah Beach (central) erosion and recession hazard (Immediate, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

### Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

### Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- Geobag (low design standard)

### Disclaimer:

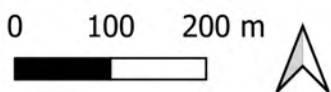
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## Tyagarah Beach (north) erosion and recession hazard (Immediate, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

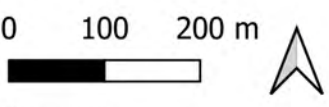
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**Brunswick erosion and recession hazard (Immediate, ZRFC)**



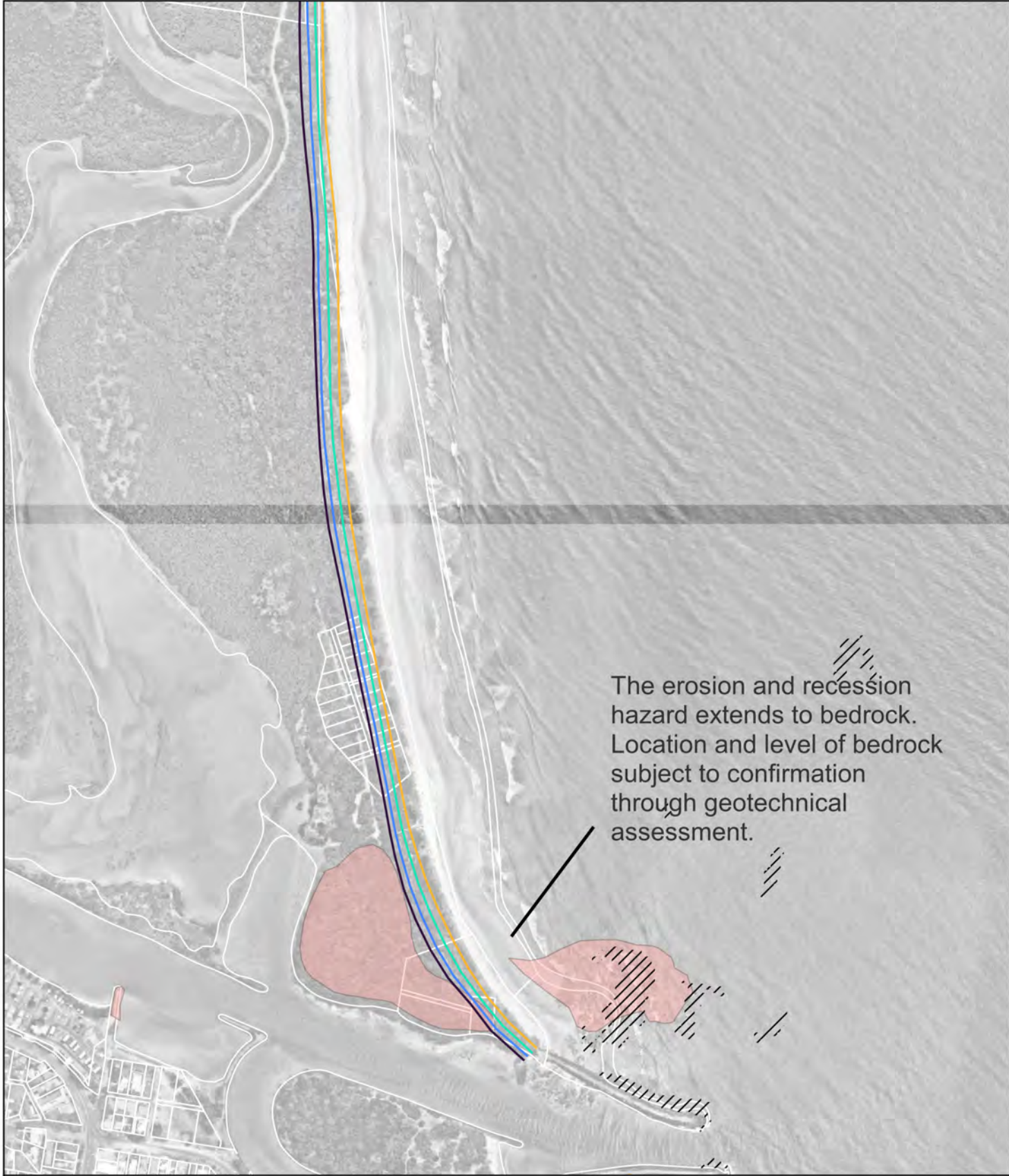
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - Geobag (low design standard)

Disclaimer:  
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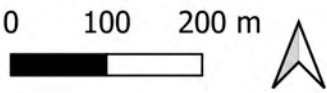






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### North Head erosion and recession hazard (Immediate, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - Geobag (low design standard)
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

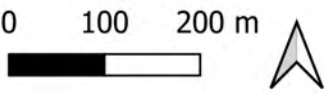
Disclaimer:  
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### New Brighton erosion and recession hazard (Immediate, ZRFC)



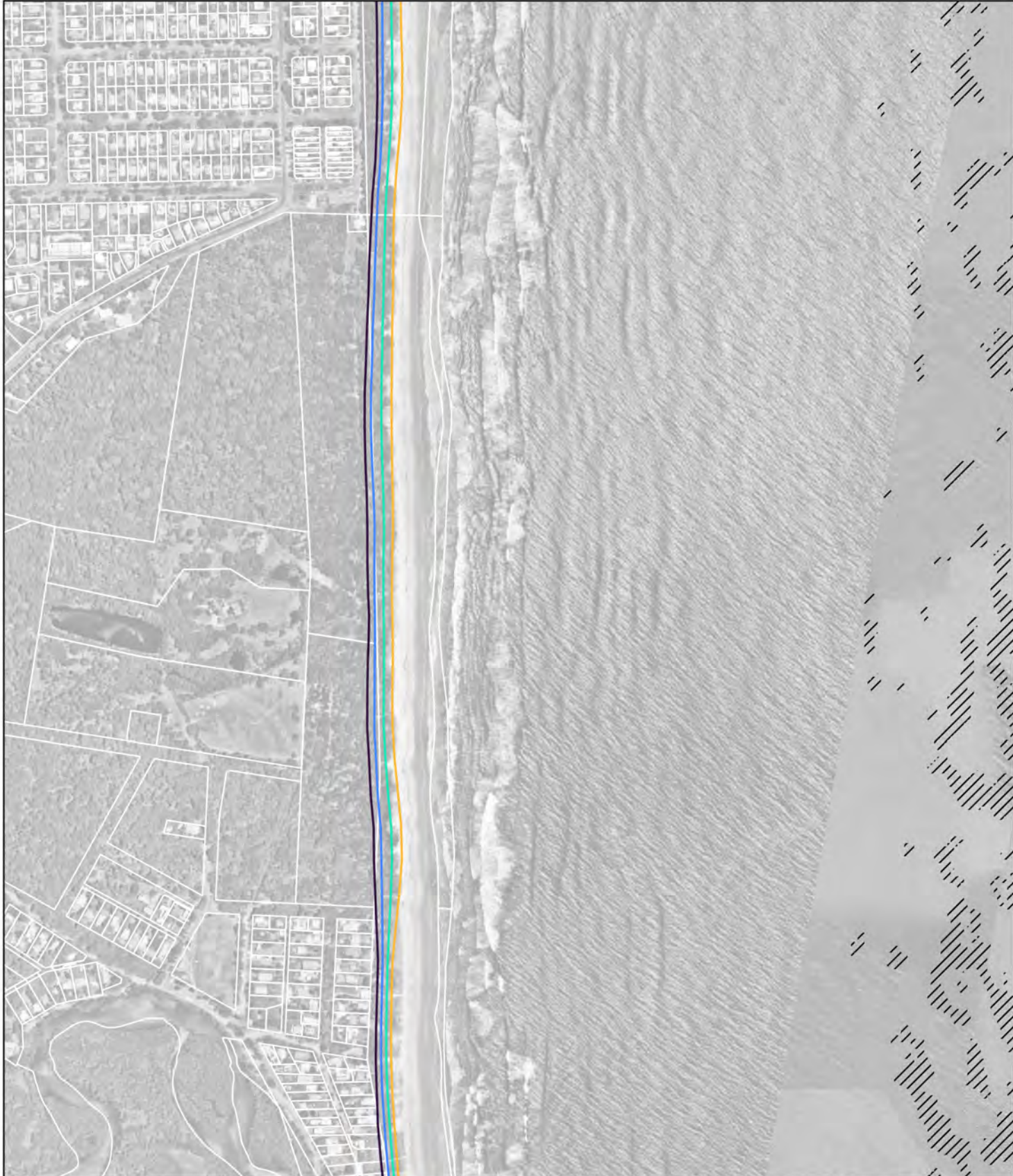
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastrate (white lines)

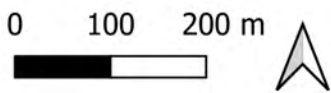
Disclaimer:  
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## New Brighton to South Golden Beach erosion and recession hazard (Immediate, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 Cadastre (white lines)

Seawall/ revetment

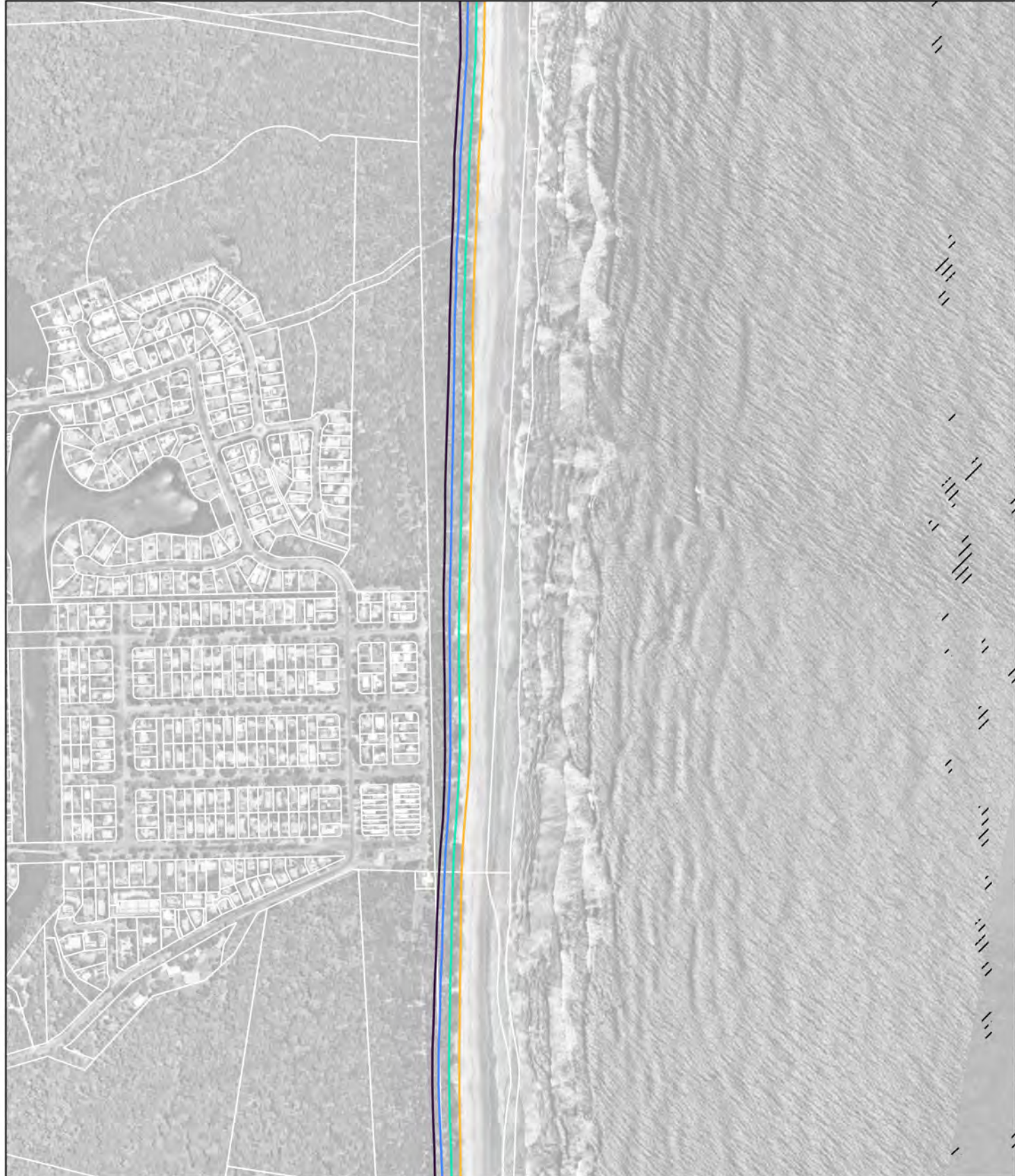
- Rock structure (non erodible)
- - Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

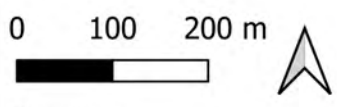
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### South Golden Beach erosion and recession hazard (Immediate, ZRFC)



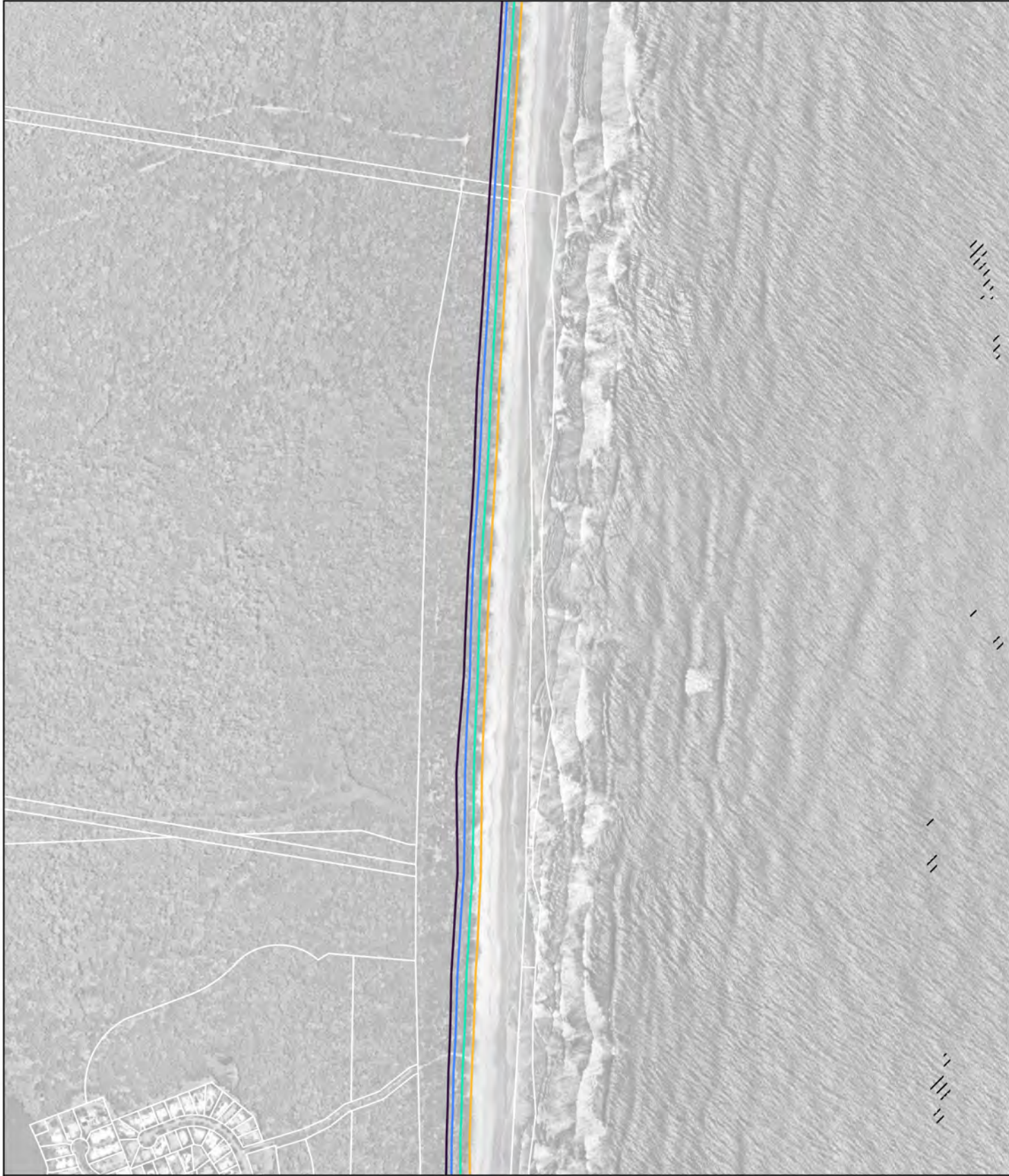
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - Geobag (low design standard)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

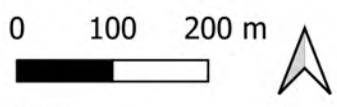
Disclaimer:  
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### Wooyung erosion and recession hazard (Immediate, ZRFC)



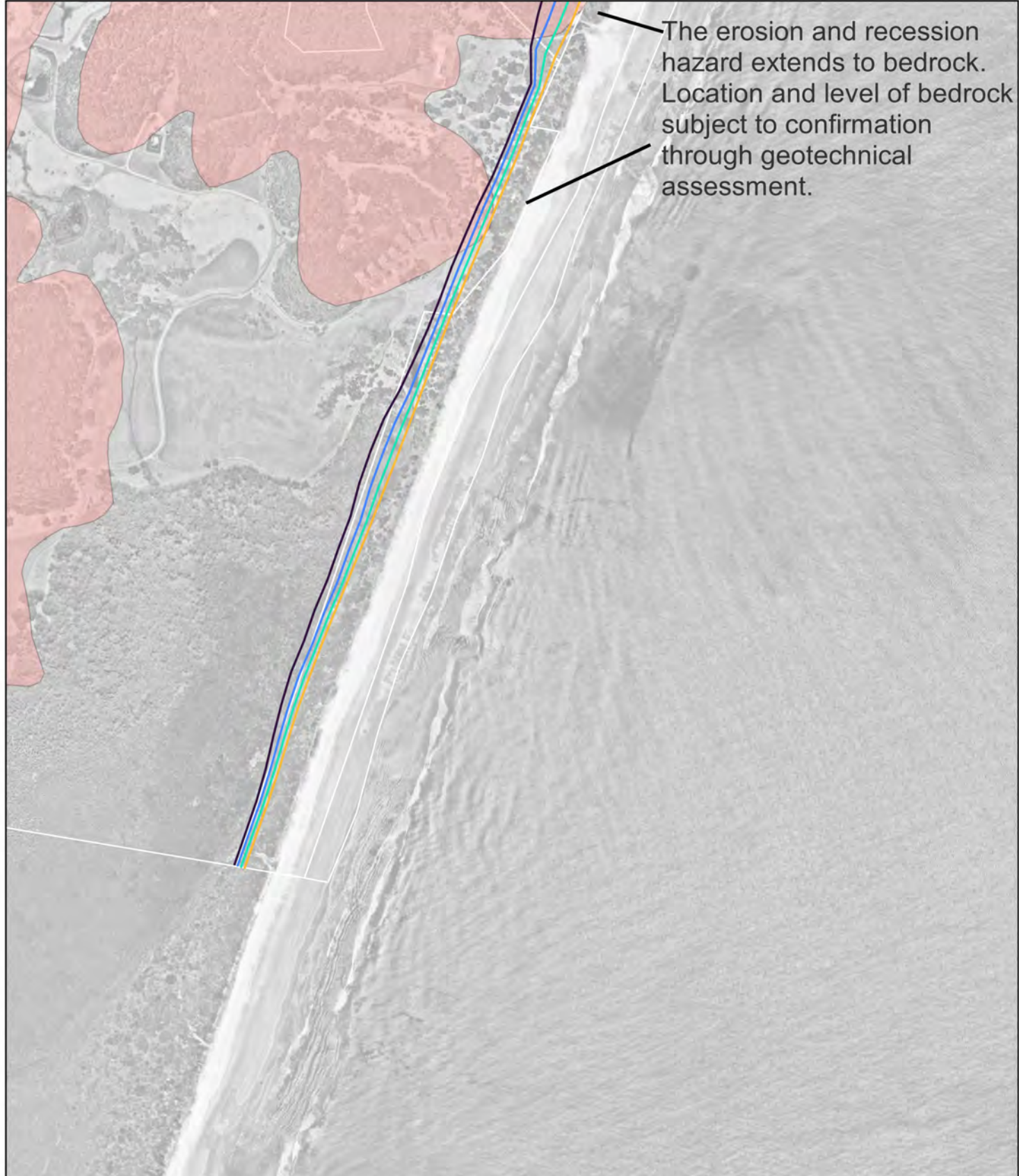
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)
- Outcrop/ reef
- Sandstone unit^
- Cadastrre (white lines)

Disclaimer:  
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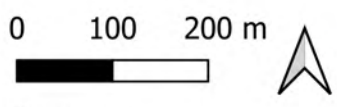






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Seven Mile Beach (south) erosion and recession hazard (2040, ZRFC)



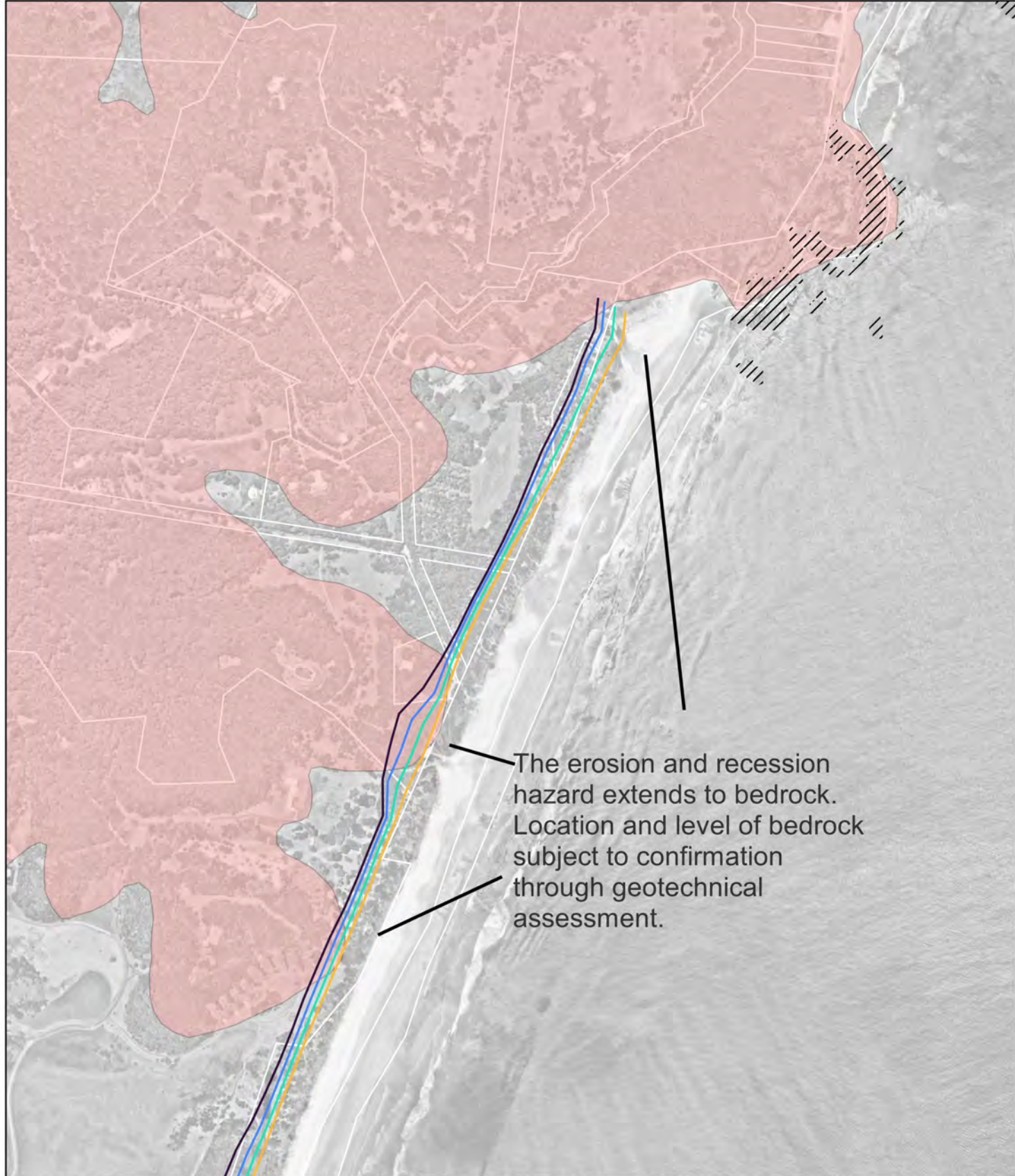
Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
- Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

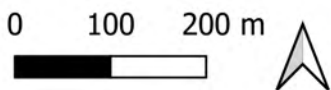
Disclaimer:  
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### Seven Mile Beach (north) erosion and recession hazard (2040, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

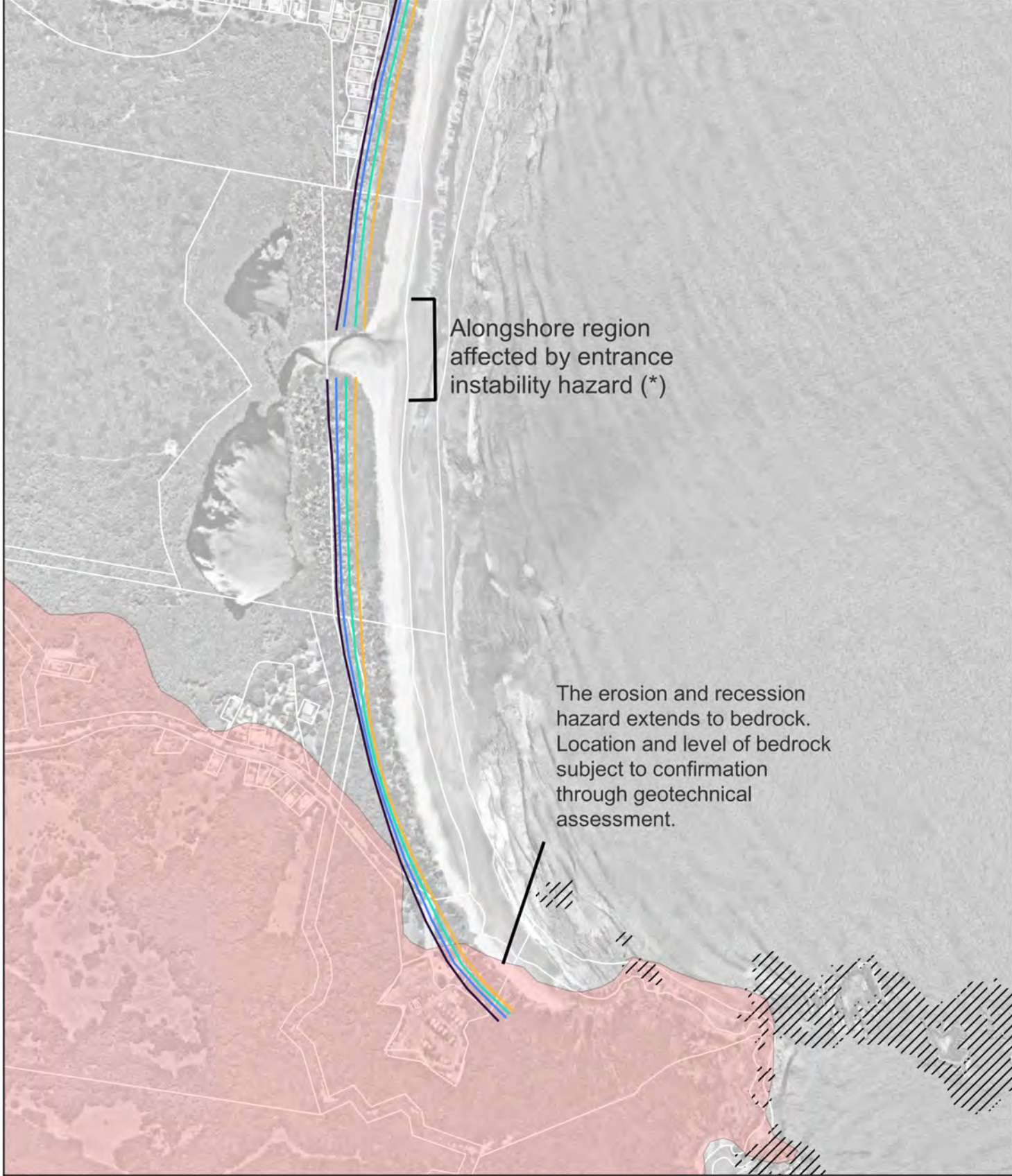
- Rock structure (non erodible)
- - - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

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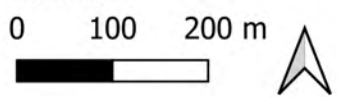


Alongshore region affected by entrance instability hazard (\*)

The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Broken Head erosion and recession hazard (2040, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastral (white lines)

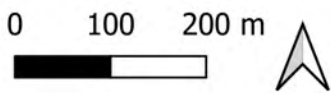
Disclaimer:  
 Bluecoast endeavours to ensure that the information provided on this map is correct at the time of publication. Bluecoast does not warrant, guarantee or make representations regarding the currency and accuracy of the information contained in this map.







### Suffolk Park erosion and recession hazard (2040, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

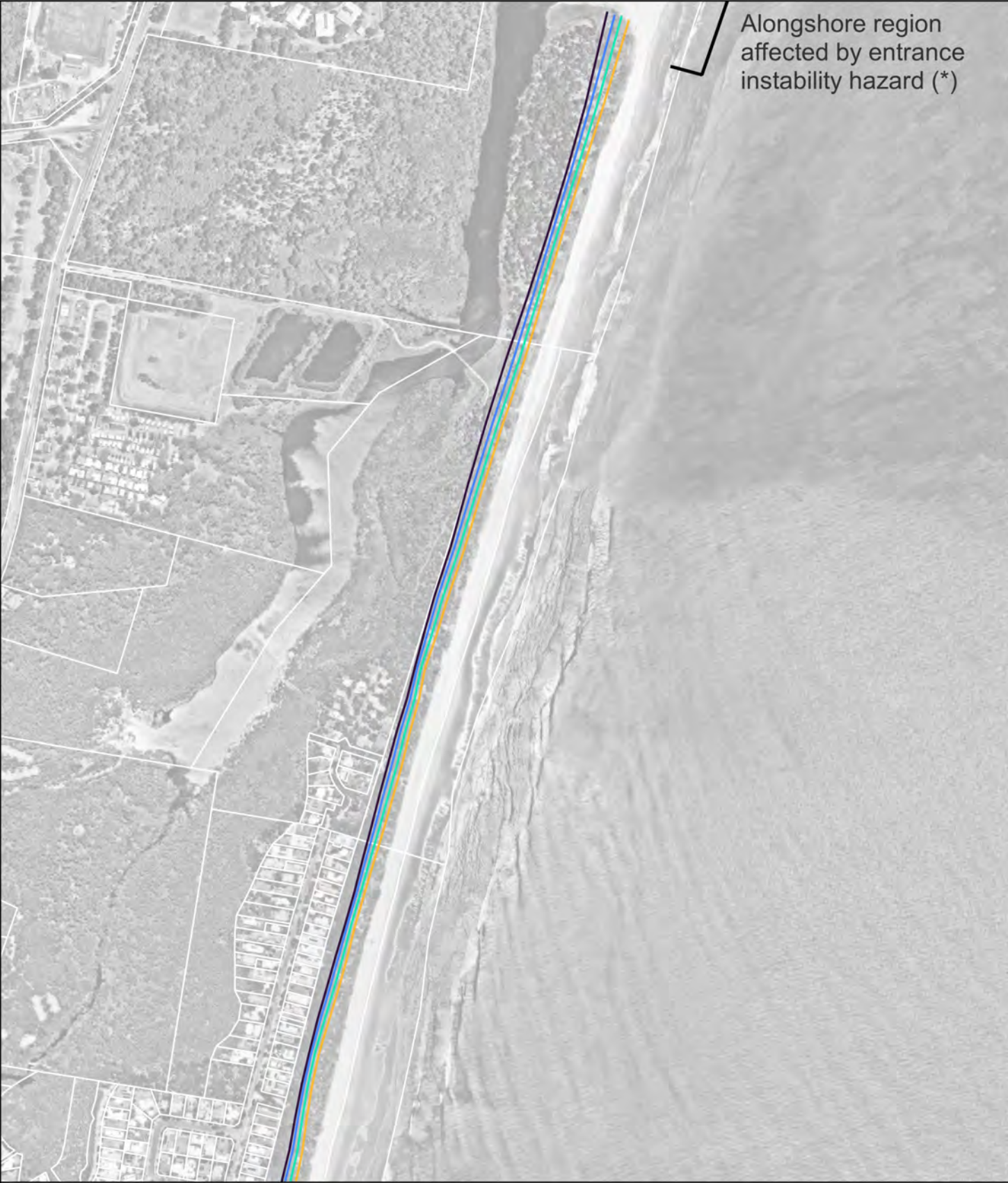
Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

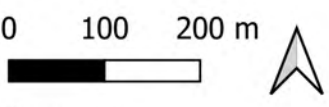
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Alongshore region affected by entrance instability hazard (\*)

### Suffolk Park to Tallow Beach erosion and recession hazard (2040, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (pink shaded area)
- Cadastrate (white lines)

Disclaimer:  
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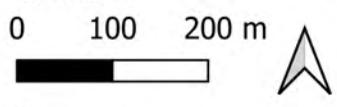






### Tallow Creek erosion and recession hazard (2040, ZRFC)

\*Refer to Section 8.2 in main report for further detail



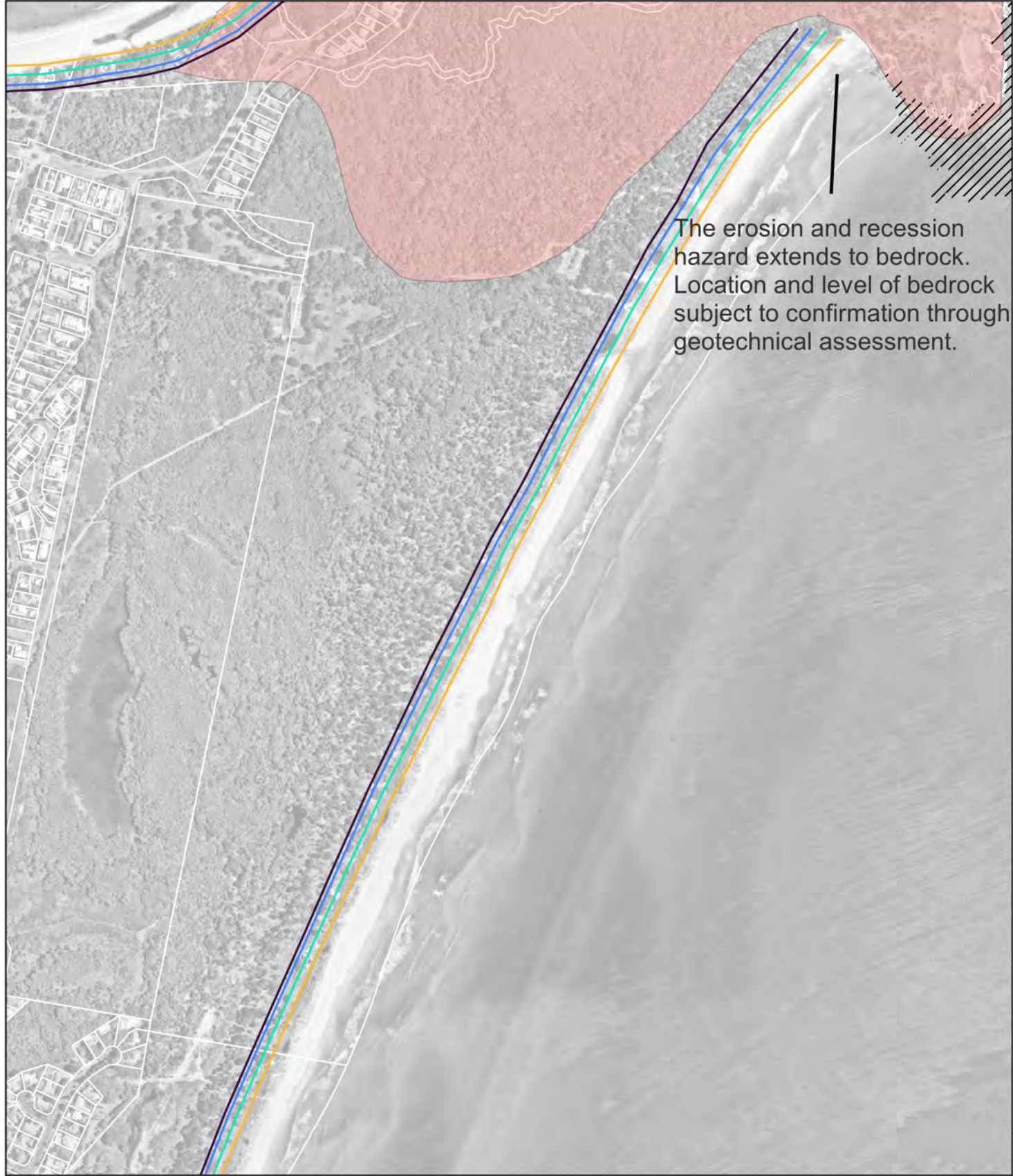
Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)
- //// Outcrop/ reef
- Sandstone unit^
- Cadastré (white lines)

Disclaimer:  
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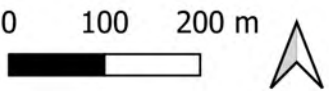






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

**Tallow Beach (north) erosion and recession hazard (2040, ZRFC)**



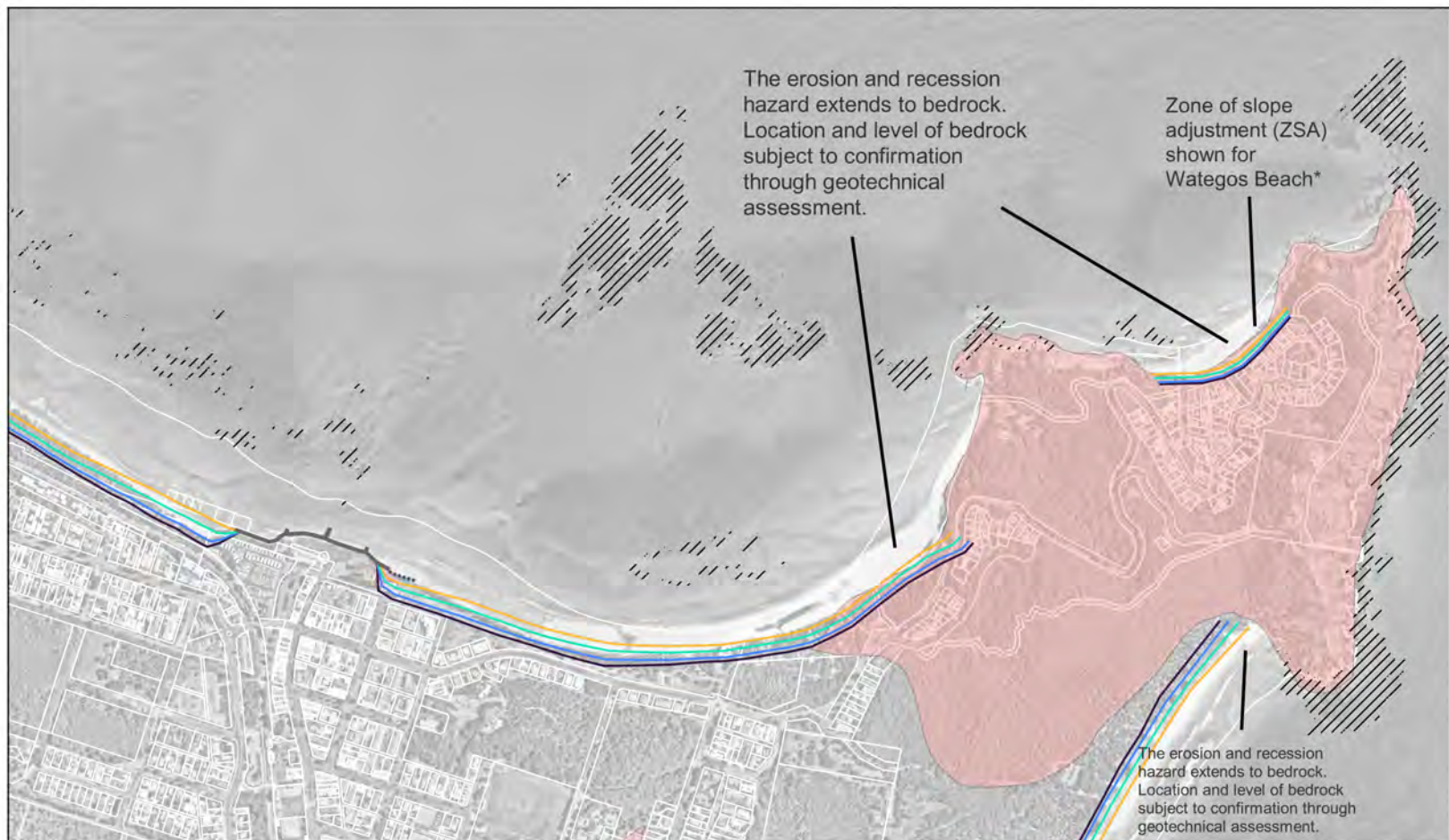
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)
- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)

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### Byron embayment (east) erosion and recession hazard (2040, ZRFC)

Exceedance probability (%)

- 1
- 2
- 5
- 10

— Cadastre (white lines)

— Seawall/ revetment

— Rock structure (non erodible)

— Rock structure (low design standard)

..... Geobag (low design standard)

/// Outcrop/ reef

■ Sandstone unit<sup>^</sup>

\*Refer to Section 5.4 in main report for further detail

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Basemaps

Nearmap (captured 16-11-2022)

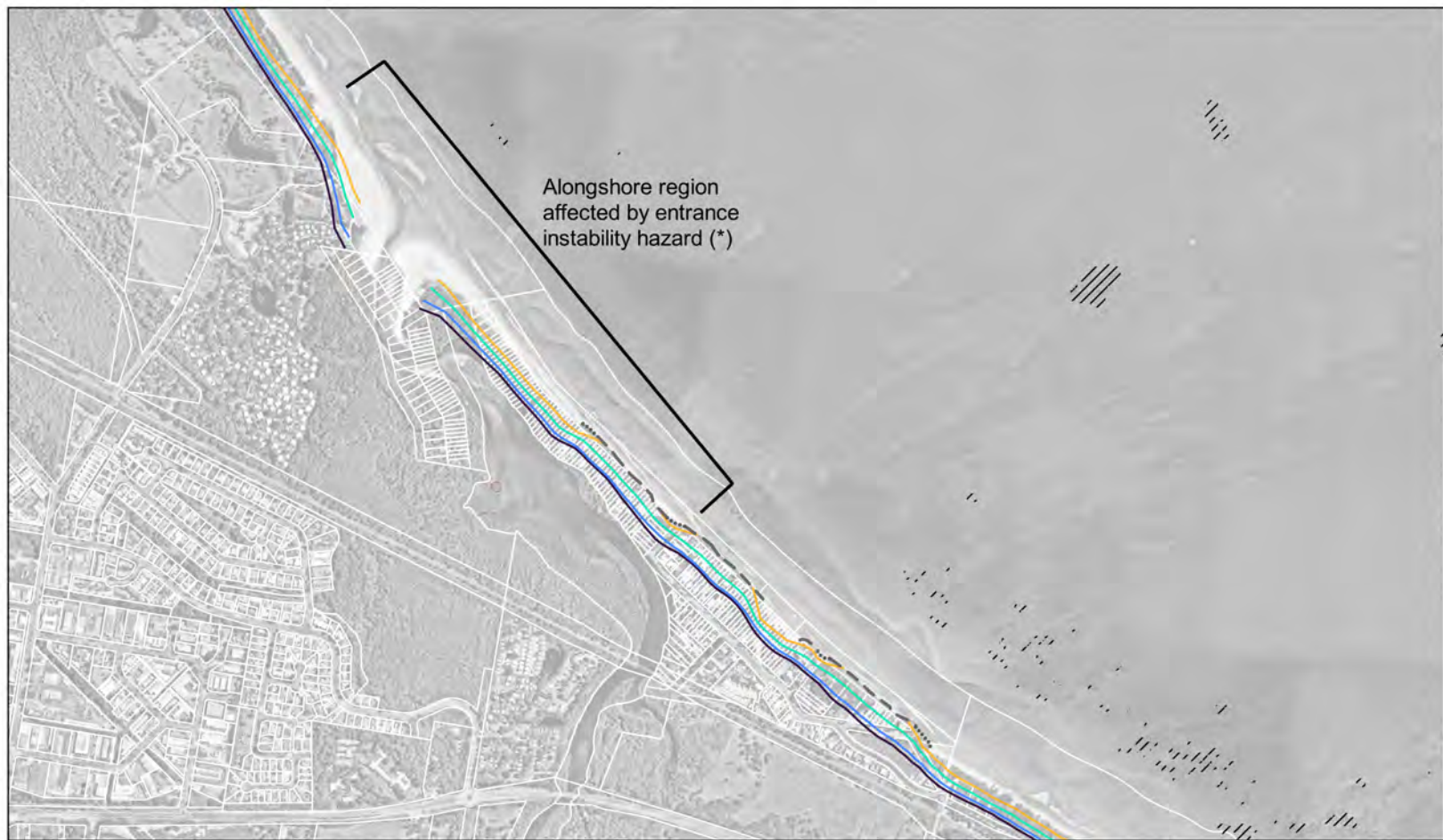
Overview: ESRI Standard

<sup>^</sup>NSW Seamless Geology Database

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Alongshore region  
affected by entrance  
instability hazard (\*)

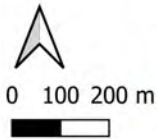
**Byron embayment (west) erosion and recession hazard (2040, ZRFC)**

Exceedance probability (%)

- 1
- 2
- 5
- 10
- Cadastre (white lines)
- Seawall/ revetment
- Rock structure (non erodible)
- - - Rock structure (low design standard)
- ..... Geobag (low design standard)
- //// Outcrop/ reef
- Sandstone unit^

\*Refer to Section 8.2 in main report for further detail  
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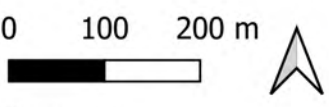
Basemaps  
Nearmap (captured 16-11-2022)  
Overview: ESRI Standard  
^NSW Seamless Geology Database







### Belongil Beach (north) erosion and recession hazard (2040, ZRFC)



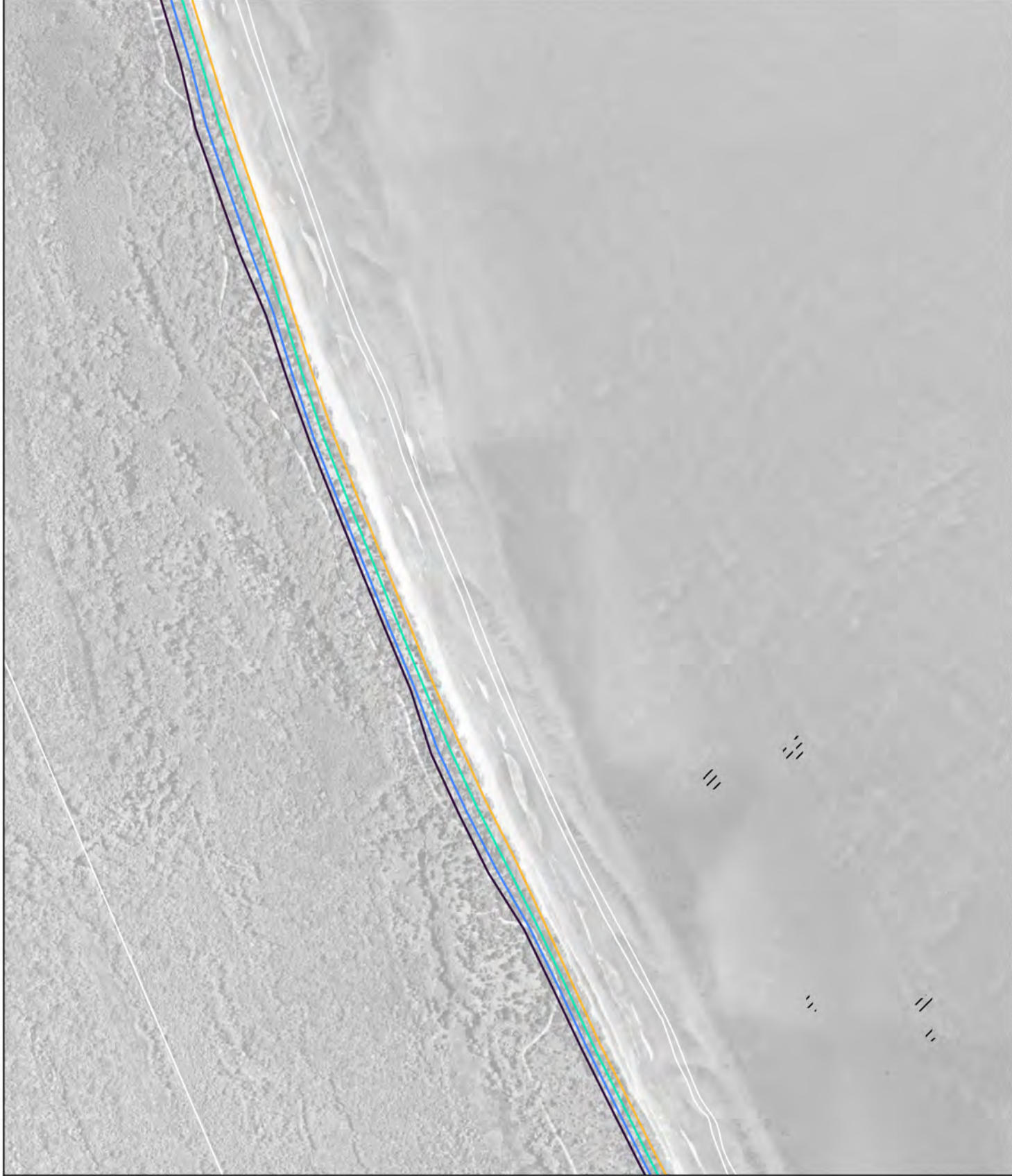
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
- Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

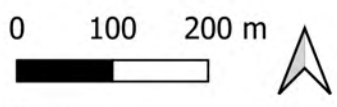
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### Tyagarah Beach (south) erosion and recession hazard (2040, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (thick black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (diagonal hatching)
- Sandstone unit^ (pink shading)
- Cadastre (white lines)

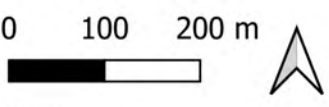
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### Tyagarah Beach (central) erosion and recession hazard (2040, ZRFC)



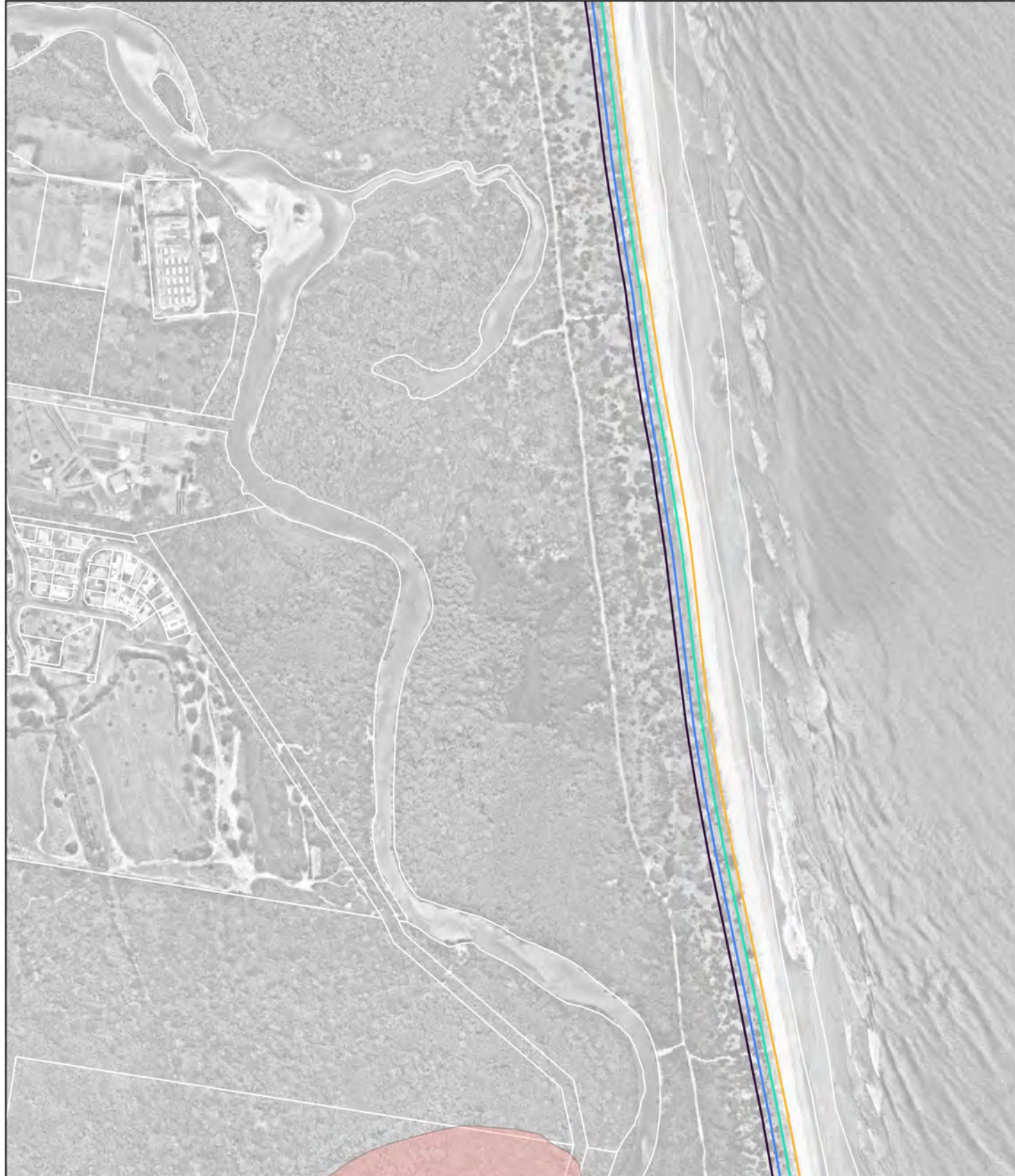
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastrate (white lines)

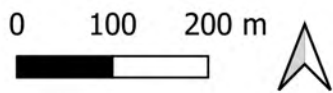
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## Tyagarah Beach (north) erosion and recession hazard (2040, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

Outcrop/ reef

Sandstone unit^  
 Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

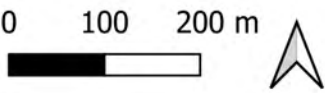
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### Brunswick erosion and recession hazard (2040, ZRFC)



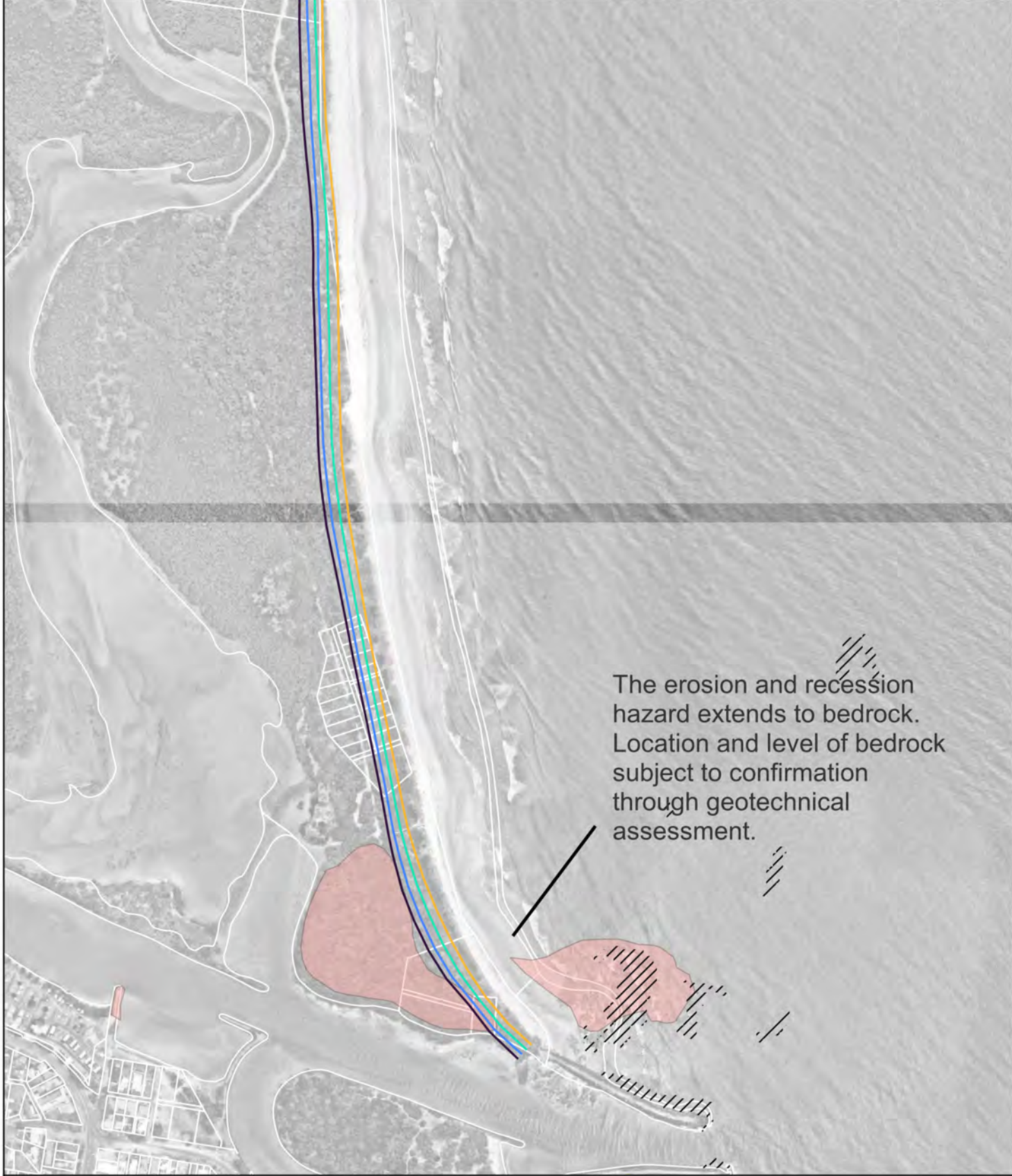
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (pink area)
- Cadastrate (white lines)

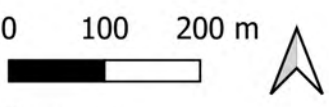
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**North Head erosion and recession hazard (2040, ZRFC)**



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastral (white lines)

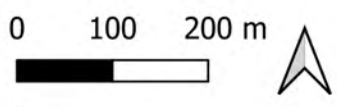
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### New Brighton erosion and recession hazard (2040, ZRFC)



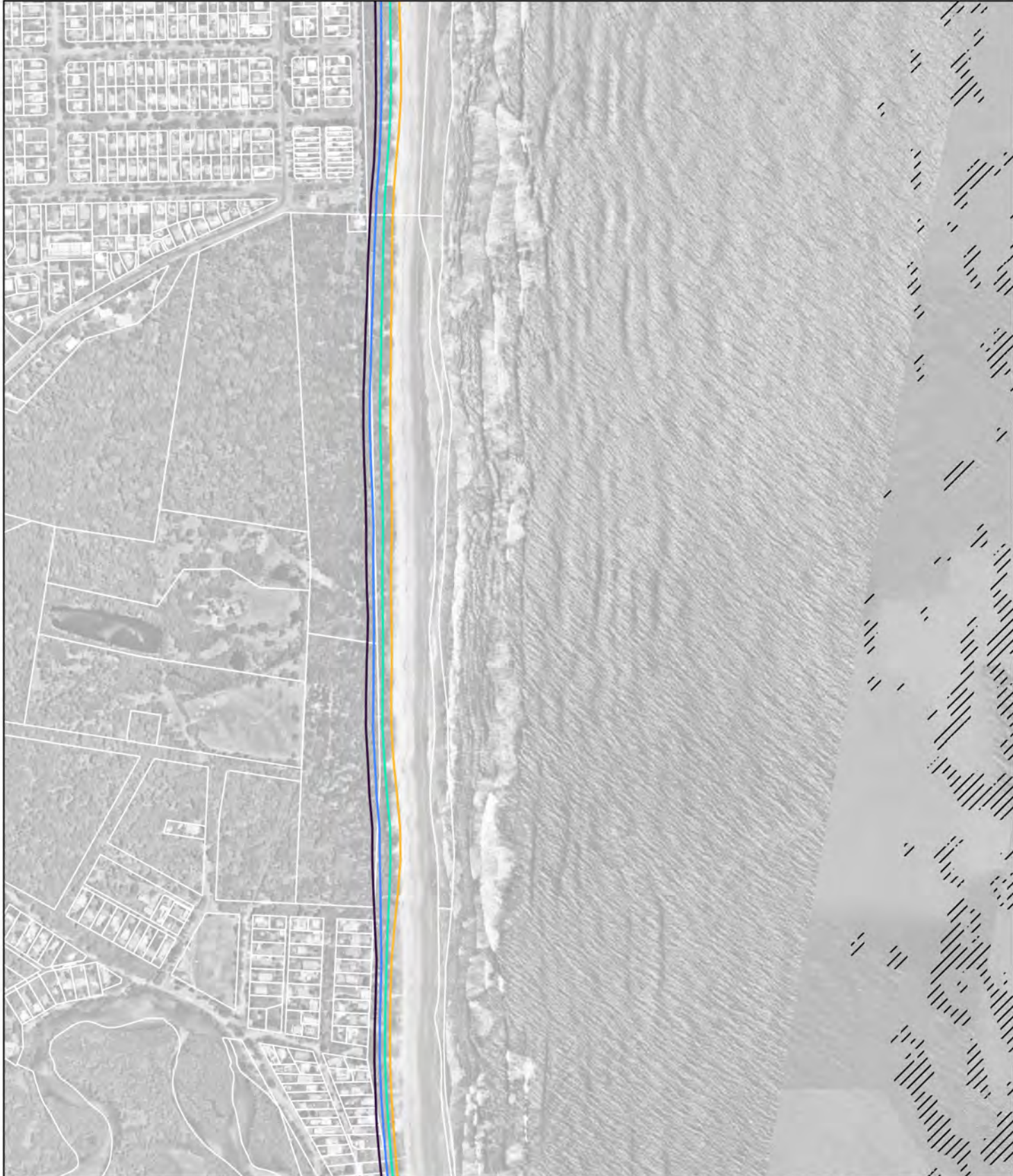
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

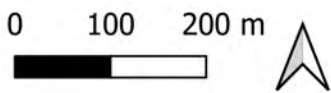
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### New Brighton to South Golden Beach erosion and recession hazard (2040, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

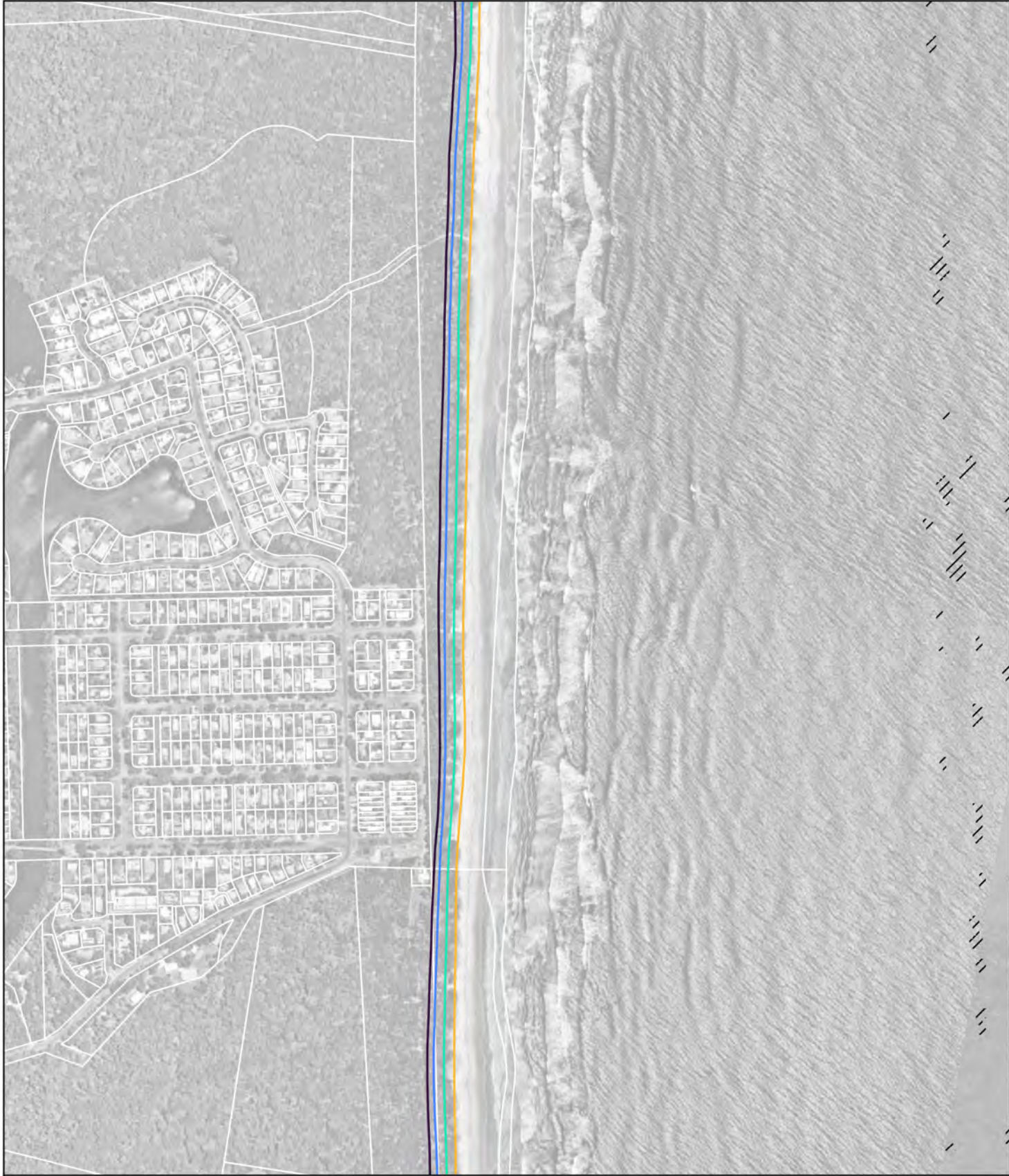
- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

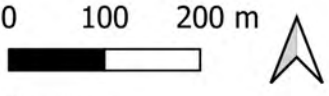
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### South Golden Beach erosion and recession hazard (2040, ZRFC)



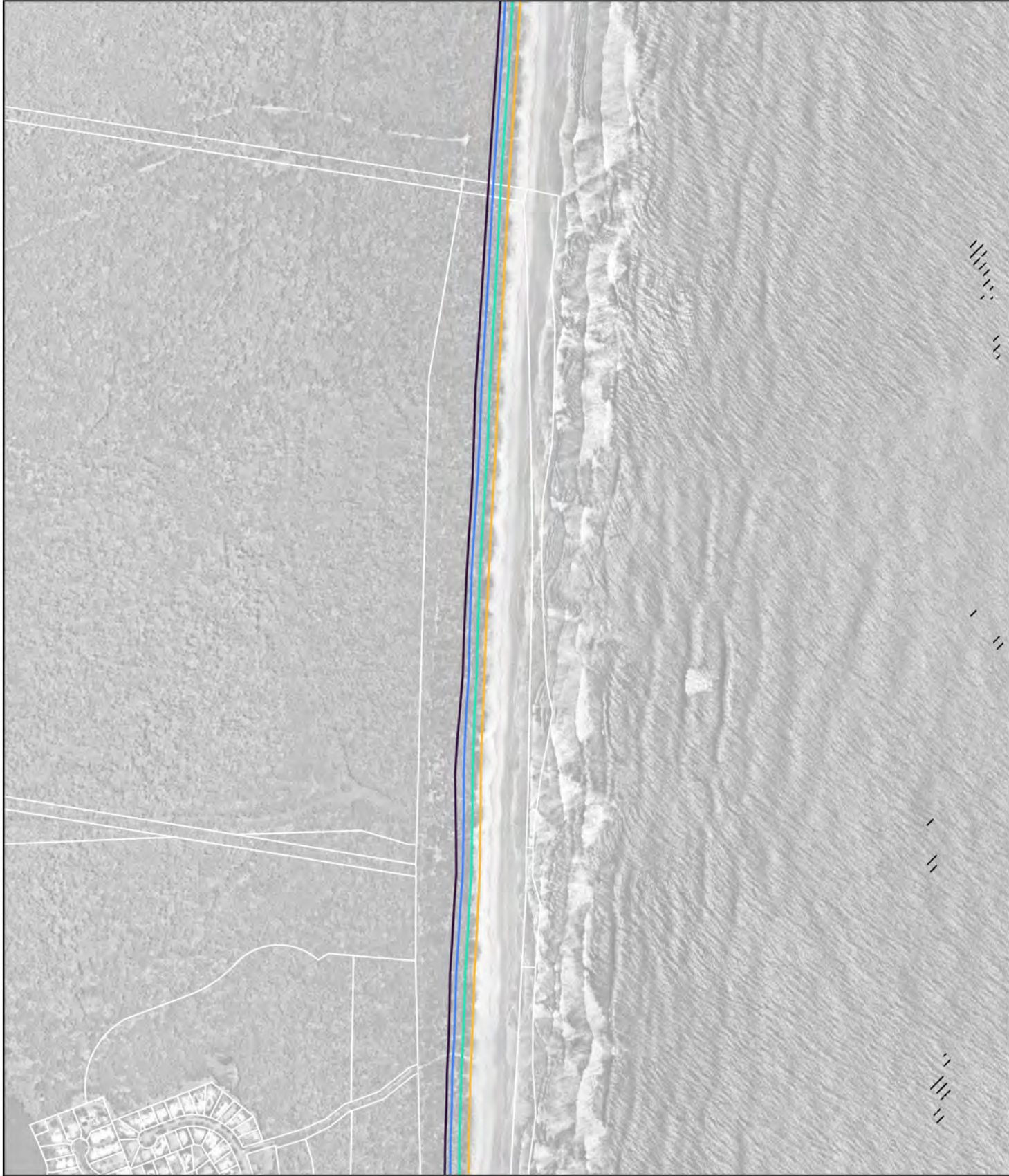
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
- Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

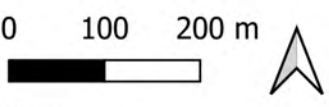
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### Wooyung erosion and recession hazard (2040, ZRFC)



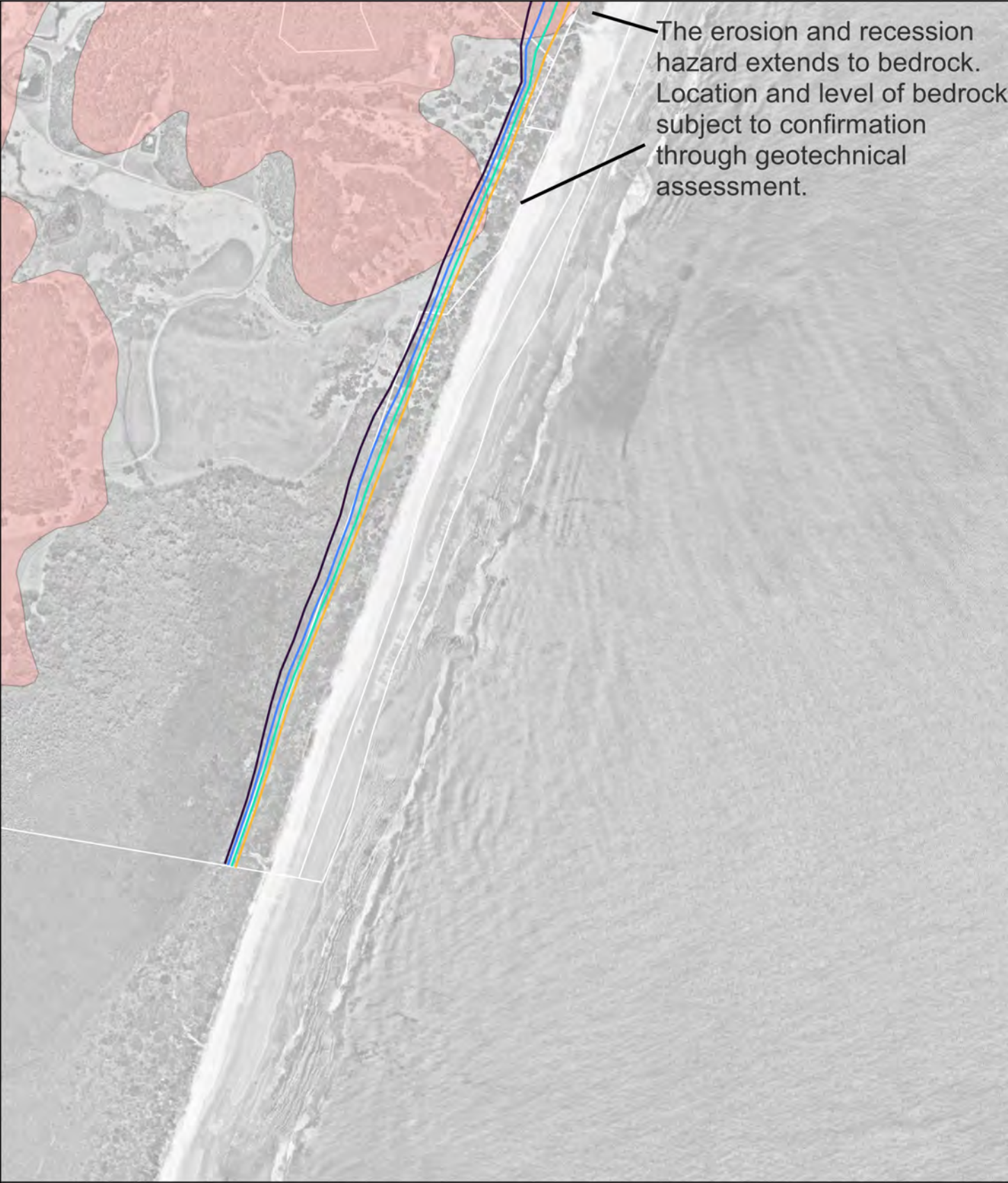
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- |  |  |
|--|--|
| Exceedance probability (%)   |  |
| <span style="color: darkblue;">—</span> 1  | <span style="color: cyan;">///</span> Outcrop/ reef  |
| <span style="color: blue;">—</span> 2  | <span style="background-color: pink; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> Sandstone unit^ |
| <span style="color: cyan;">—</span> 5  | — — — — — Cadastre (white lines)   |
| <span style="color: yellow;">—</span> 10   |  |
| Seawall/ revetment   |  |
| <span style="border-bottom: 2px solid black; width: 20px;"></span> Rock structure (non erodible)         |  |
| <span style="border-bottom: 2px dashed black; width: 20px;"></span> Rock structure (low design standard) |  |
| <span style="border-bottom: 2px dotted black; width: 20px;"></span> Geobag (low design standard)         |  |

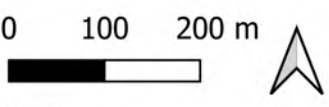
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**Seven Mile Beach (south) erosion and recession hazard (2050, ZRFC)**



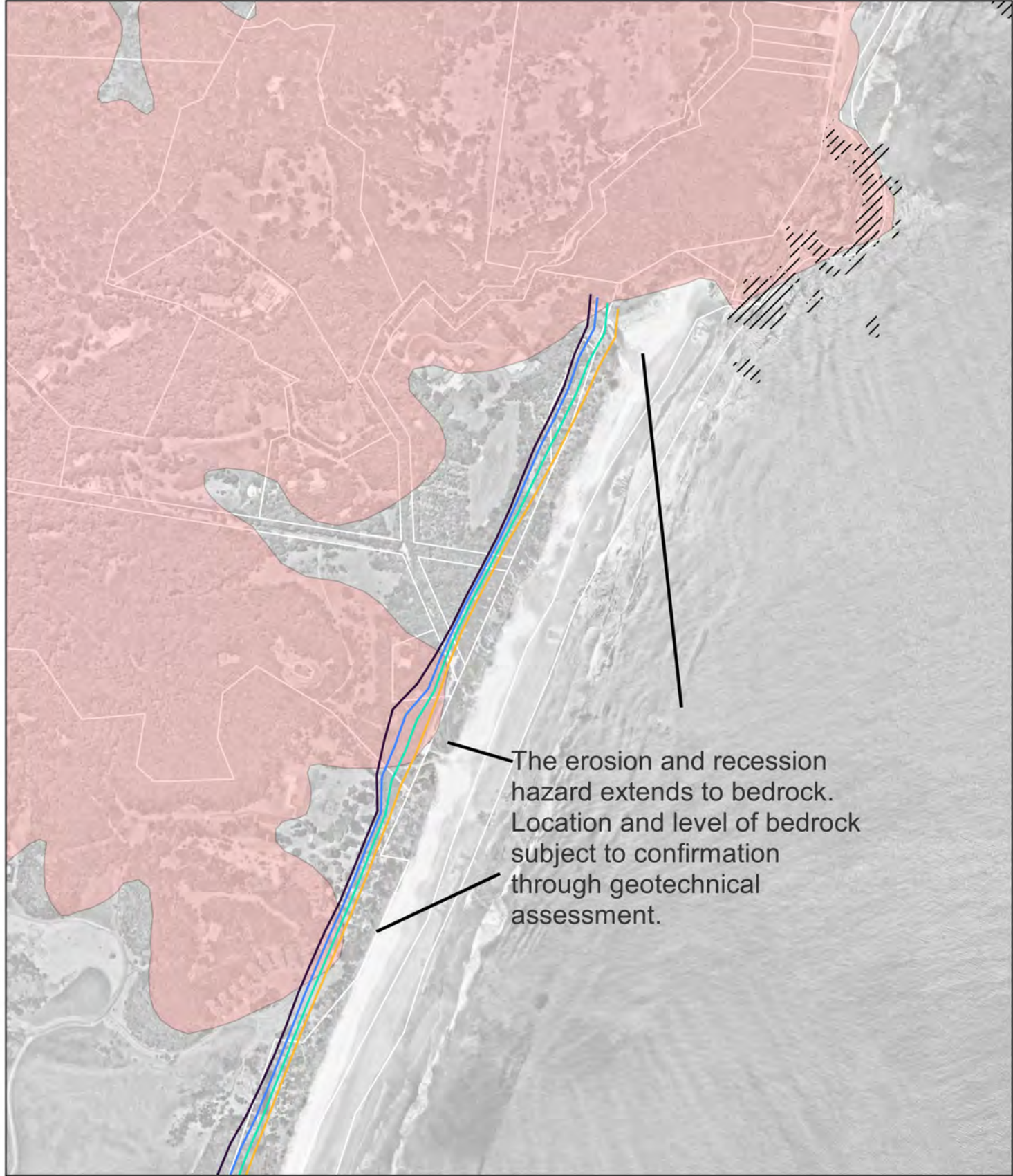
Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Seawall/ revetment
- Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)
- Outcrop/ reef
  - Sandstone unit^
  - Cadastrate (white lines)

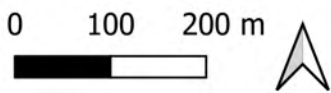
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### Seven Mile Beach (north) erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

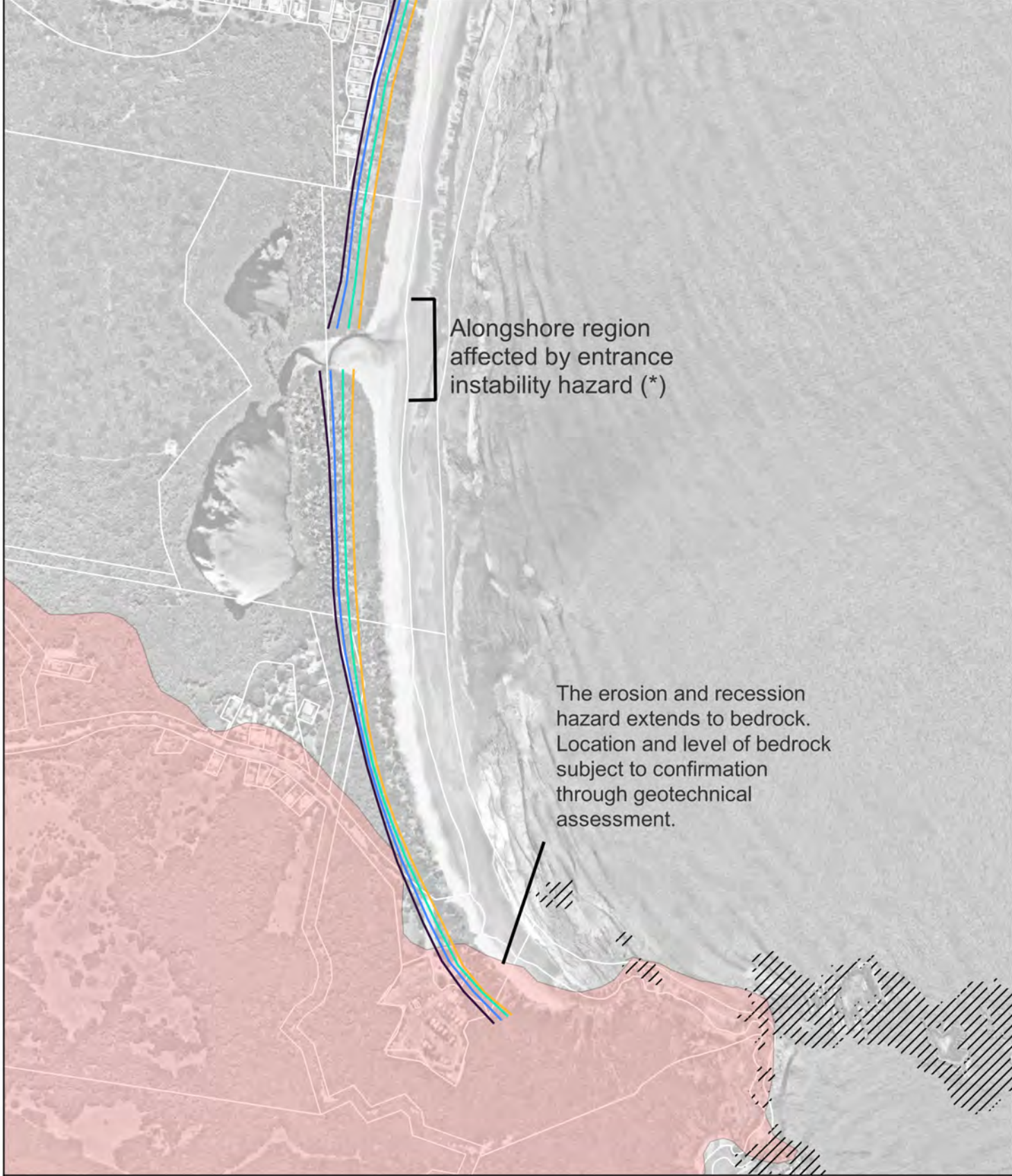
- Rock structure (non erodible)
- - - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

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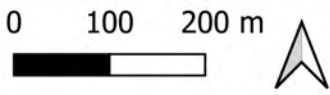
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### Broken Head erosion and recession hazard (2050, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)
- Outcrop/ reef
- Sandstone unit^
- Cadastrre (white lines)

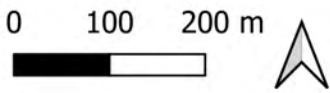
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### Suffolk Park erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

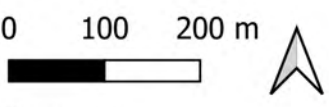
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Alongshore region affected by entrance instability hazard (\*)

**Suffolk Park to Tallow Beach erosion and recession hazard (2050, ZRFC)**



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (pink shaded area)
- Cadastrate (white lines)

Disclaimer:  
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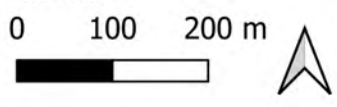






### Tallow Creek erosion and recession hazard (2050, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (light blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- //// Outcrop/ reef
- Sandstone unit^ (red shaded area)
- Cadastré (white lines)

Disclaimer:  
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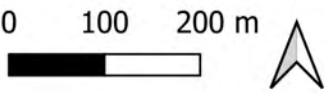






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Tallow Beach (north) erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

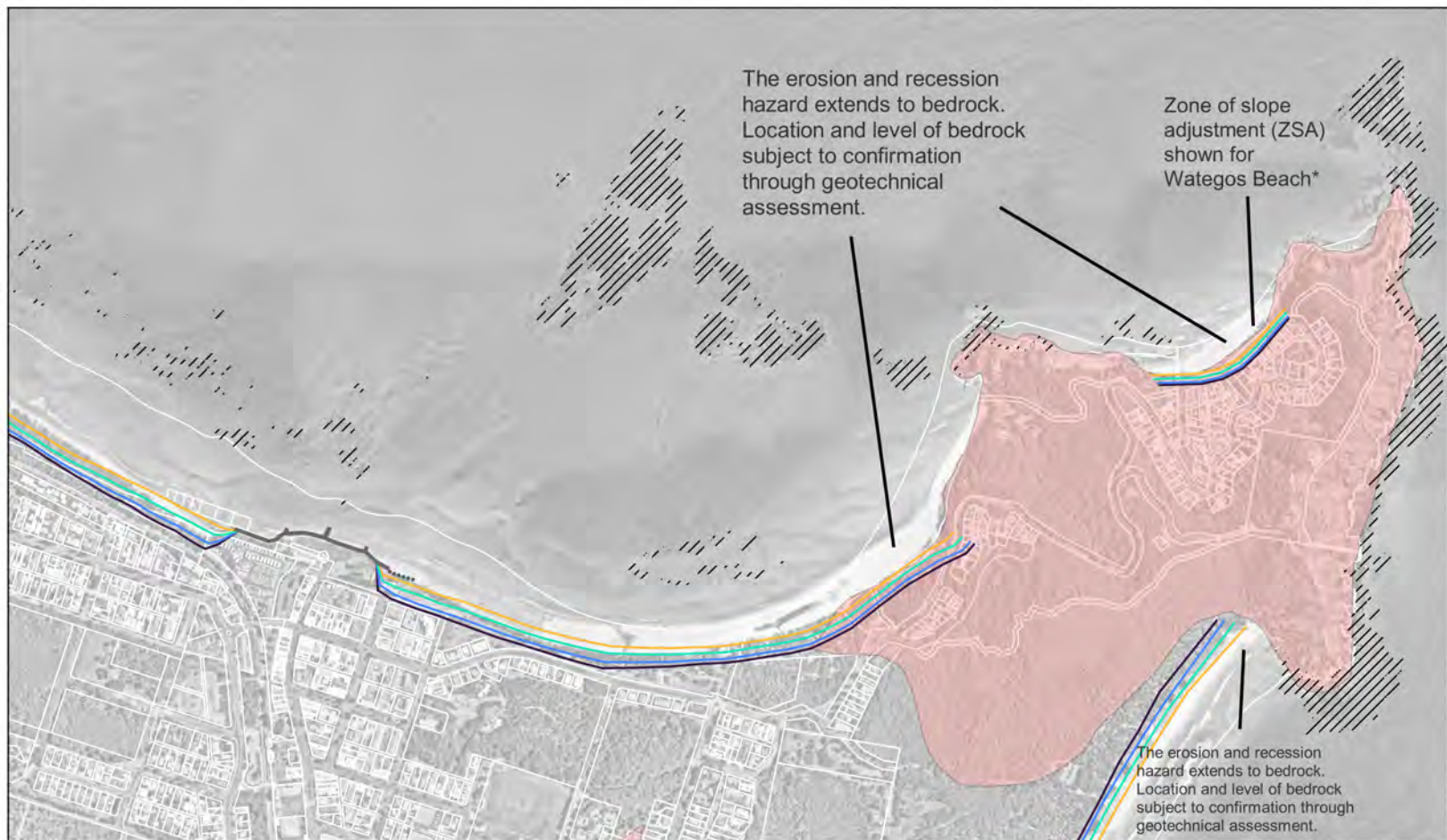
- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)

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### Byron embayment (east) erosion and recession hazard (2050, ZRFC)

Exceedance probability (%)

- 1
- 2
- 5
- 10

— Cadastre (white lines)

— Seawall/ revetment

— Rock structure (non erodible)

— Rock structure (low design standard)

..... Geobag (low design standard)

/// Outcrop/ reef

■ Sandstone unit<sup>^</sup>

\*Refer to Section 5.4 in main report for further detail

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Basemaps

Nearmap (captured 16-11-2022)

Overview: ESRI Standard

<sup>^</sup>NSW Seamless Geology Database

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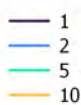




Alongshore region  
affected by entrance  
instability hazard (\*)

### Byron embayment (west) erosion and recession hazard (2050, ZRFC)

Exceedance probability (%)



— Cadastre (white lines)

— Seawall/ revetment

— Rock structure (non erodible)

- - - Rock structure (low design standard)

..... Geobag (low design standard)

/// Outcrop/ reef

■ Sandstone unit^

\*Refer to Section 8.2 in main report for further detail

Disclaimer:

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Basemaps

Nearmap (captured 16-11-2022)

Overview: ESRI Standard

^NSW Seamless Geology Database

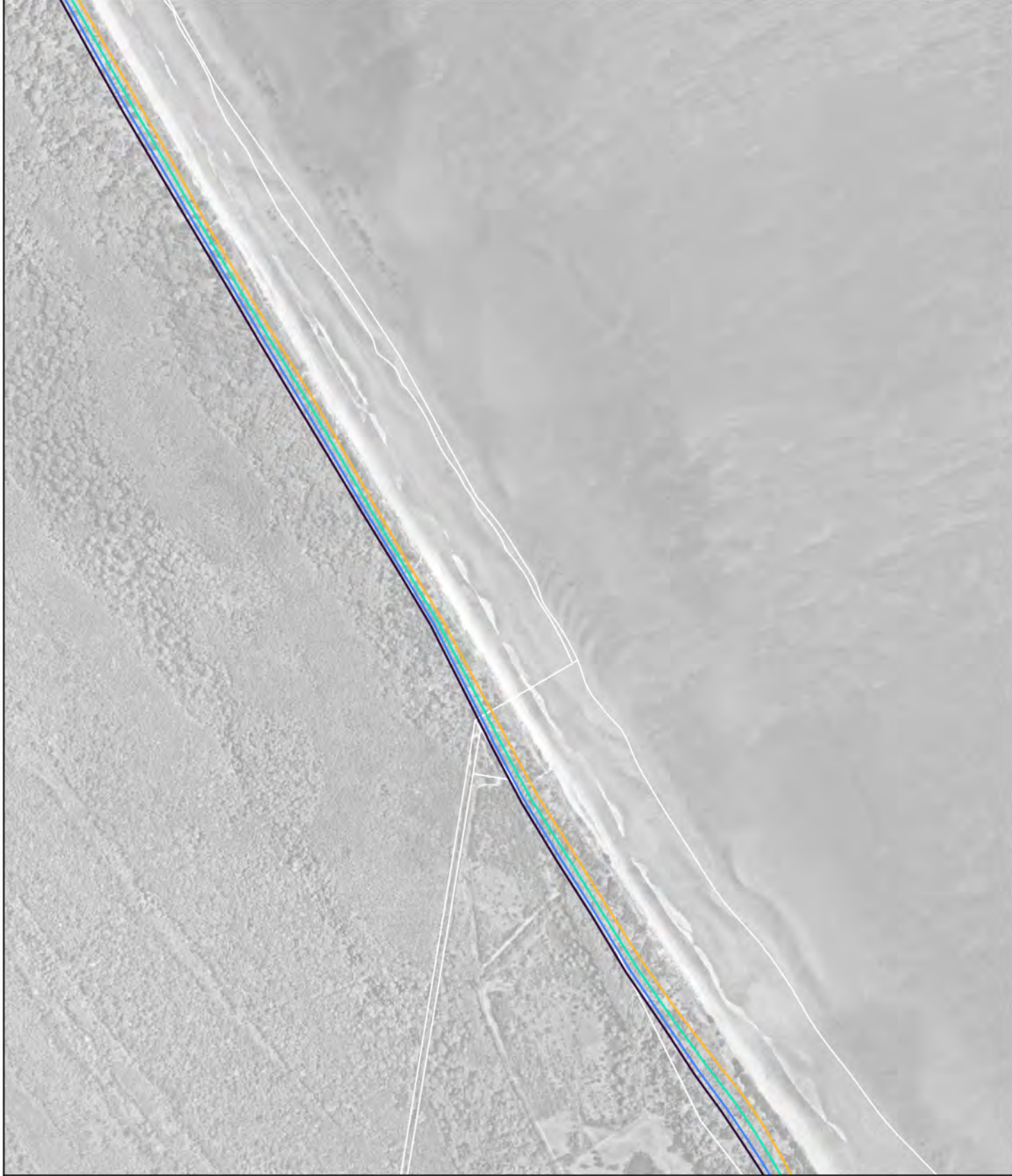
**bluecoast**  
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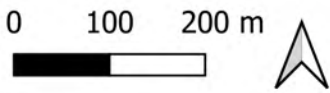
0 100 200 m







### Belongil Beach (north) erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

Outcrop/ reef

Sandstone unit^  
 Cadastre (white lines)

Seawall/ revetment

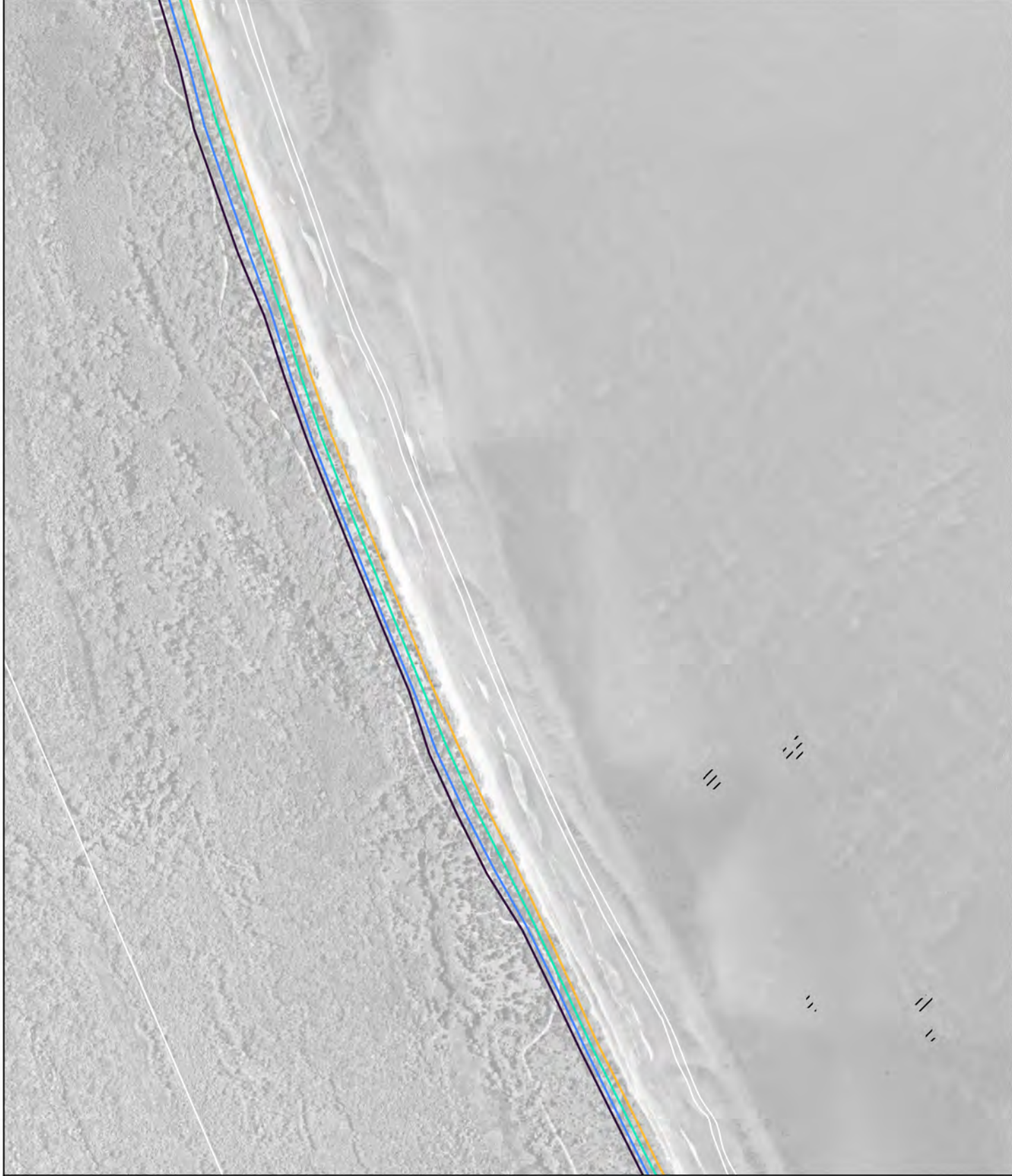
- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

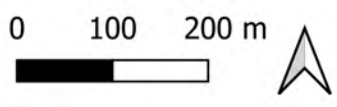
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### Tyagarah Beach (south) erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (thick black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (diagonal hatching)
- Sandstone unit^ (pink shading)
- Cadastral (white lines)

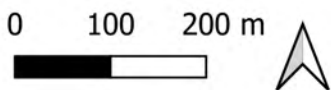
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### Tyagarah Beach (central) erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

#### Exceedance probability (%)

- 1
- 2
- 5
- 10

Outcrop/ reef

Sandstone unit^  
 Cadastre (white lines)

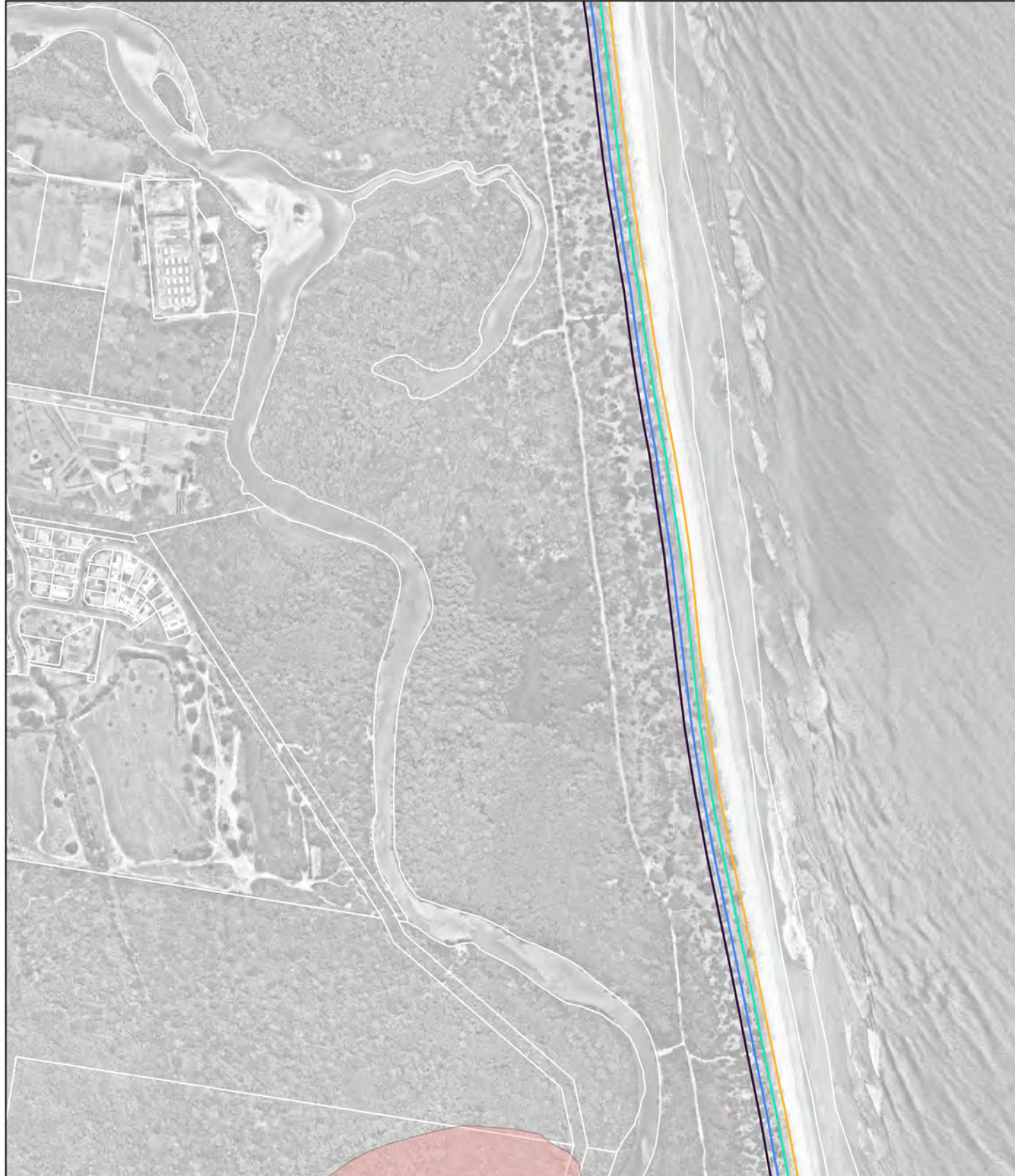
#### Seawall/ revetment

- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

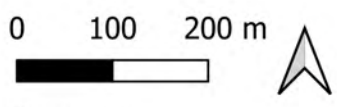
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### Tyagarah Beach (north) erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)

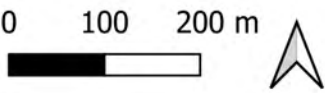
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### Brunswick erosion and recession hazard (2050, ZRFC)



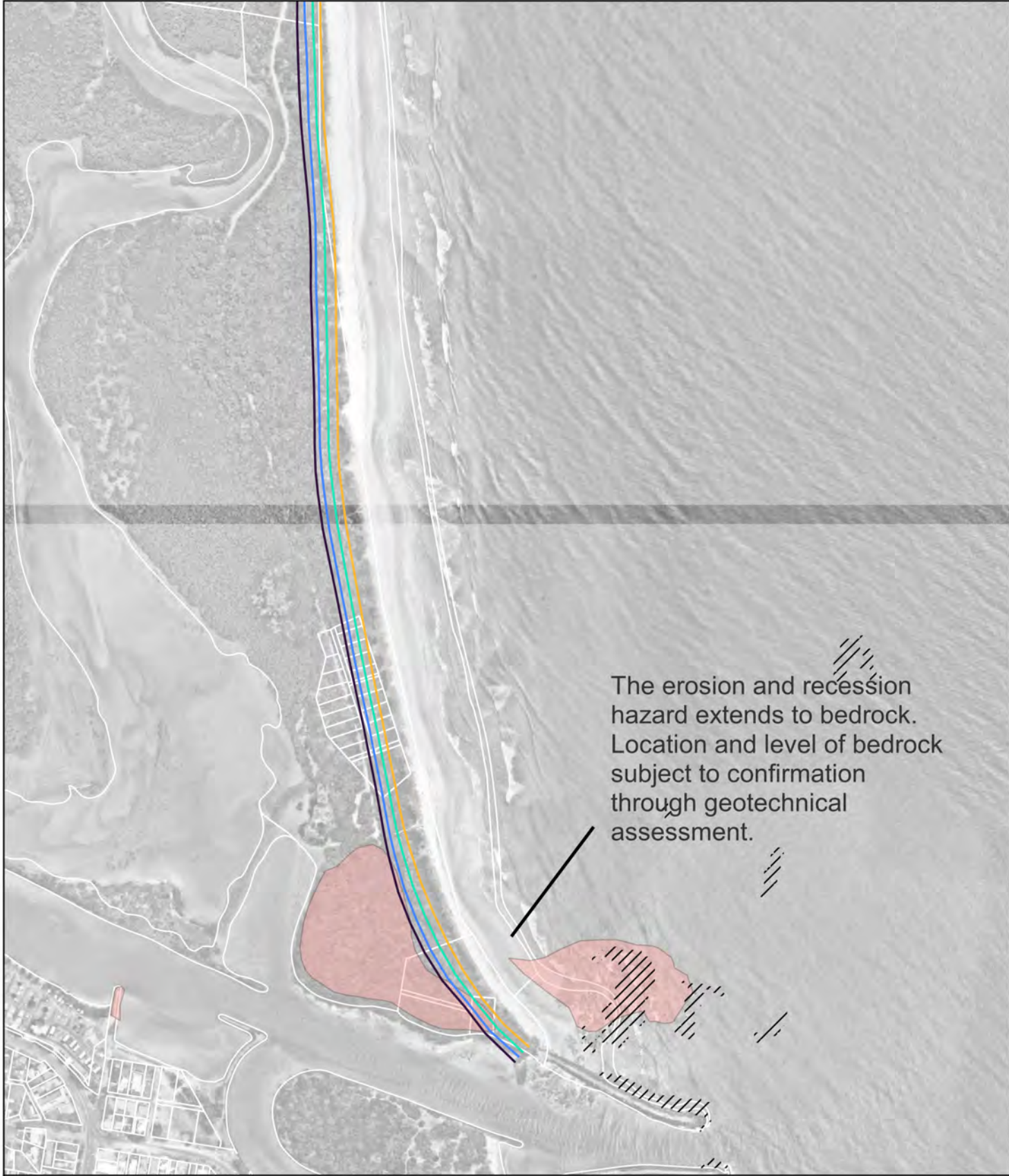
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)
- Seawall/ revetment
- Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)

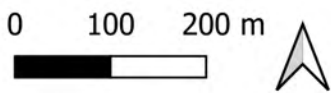
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### North Head erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- - - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

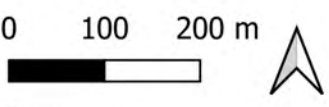
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### New Brighton erosion and recession hazard (2050, ZRFC)



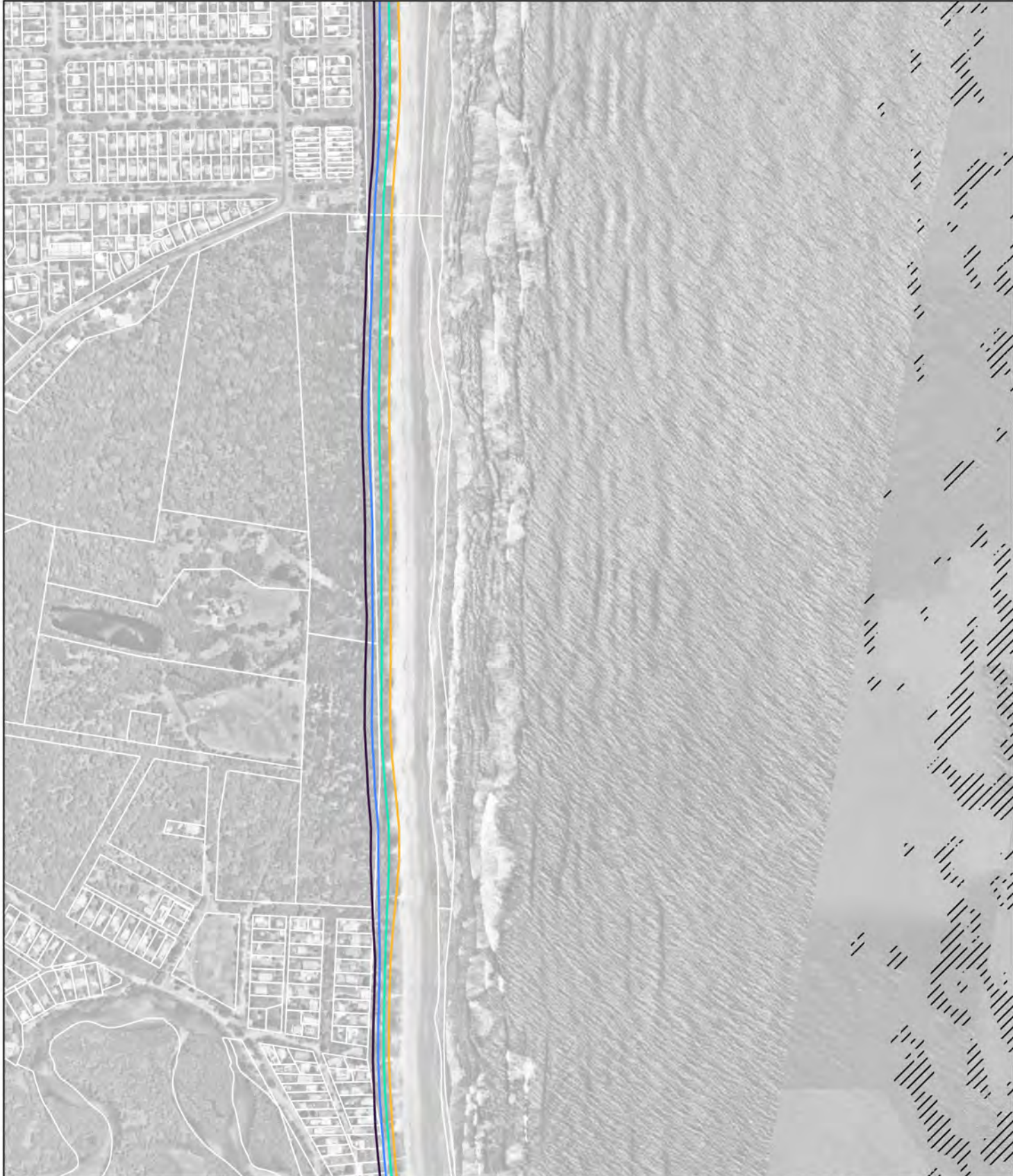
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastrate (white lines)

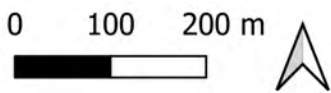
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### New Brighton to South Golden Beach erosion and recession hazard (2050, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

- Outcrop/ reef
- Sandstone unit^
- Cadastrate (white lines)

Seawall/ revetment

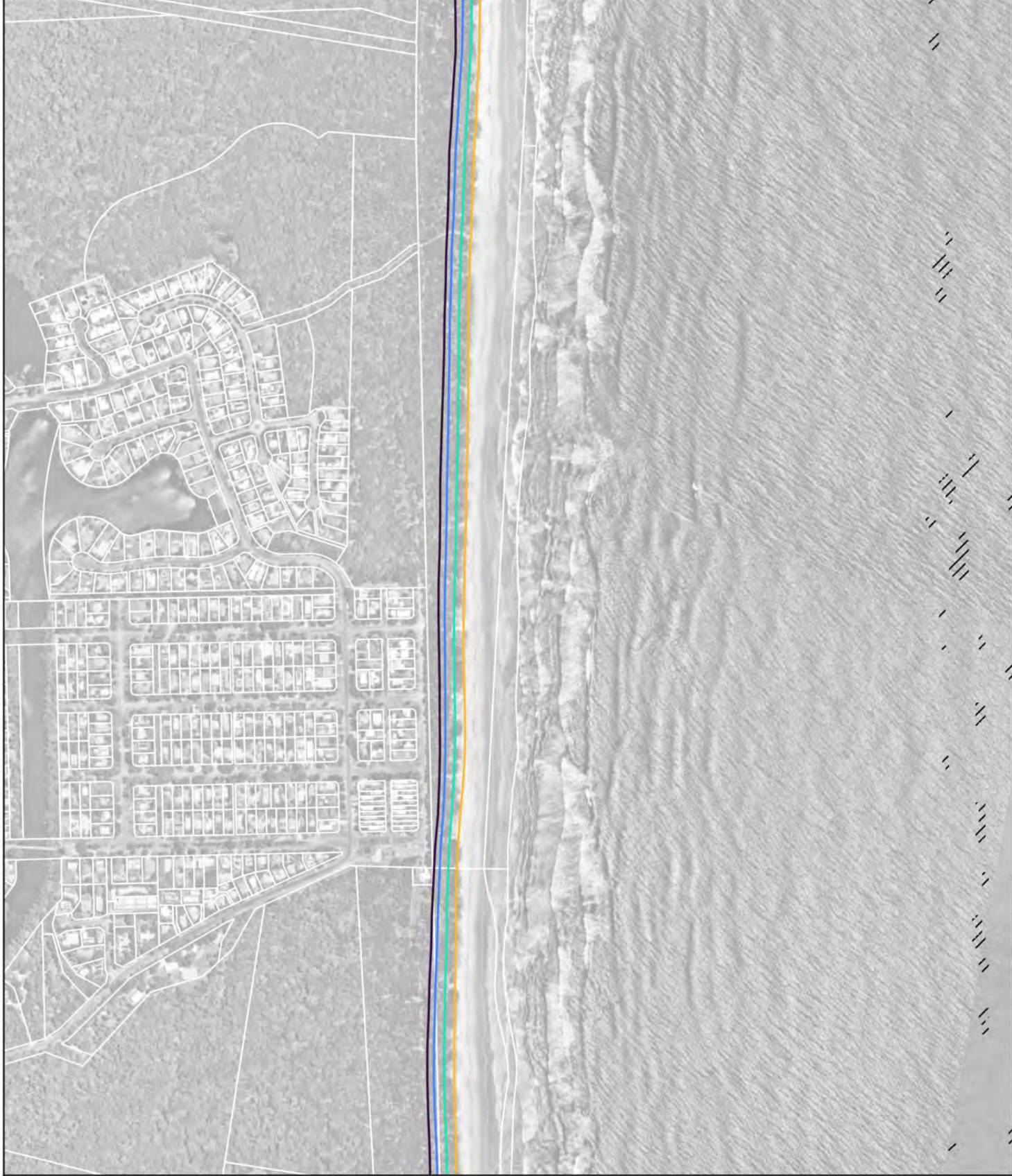
- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

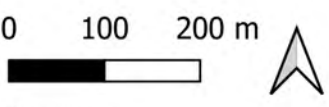
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**South Golden Beach erosion and recession hazard (2050, ZRFC)**



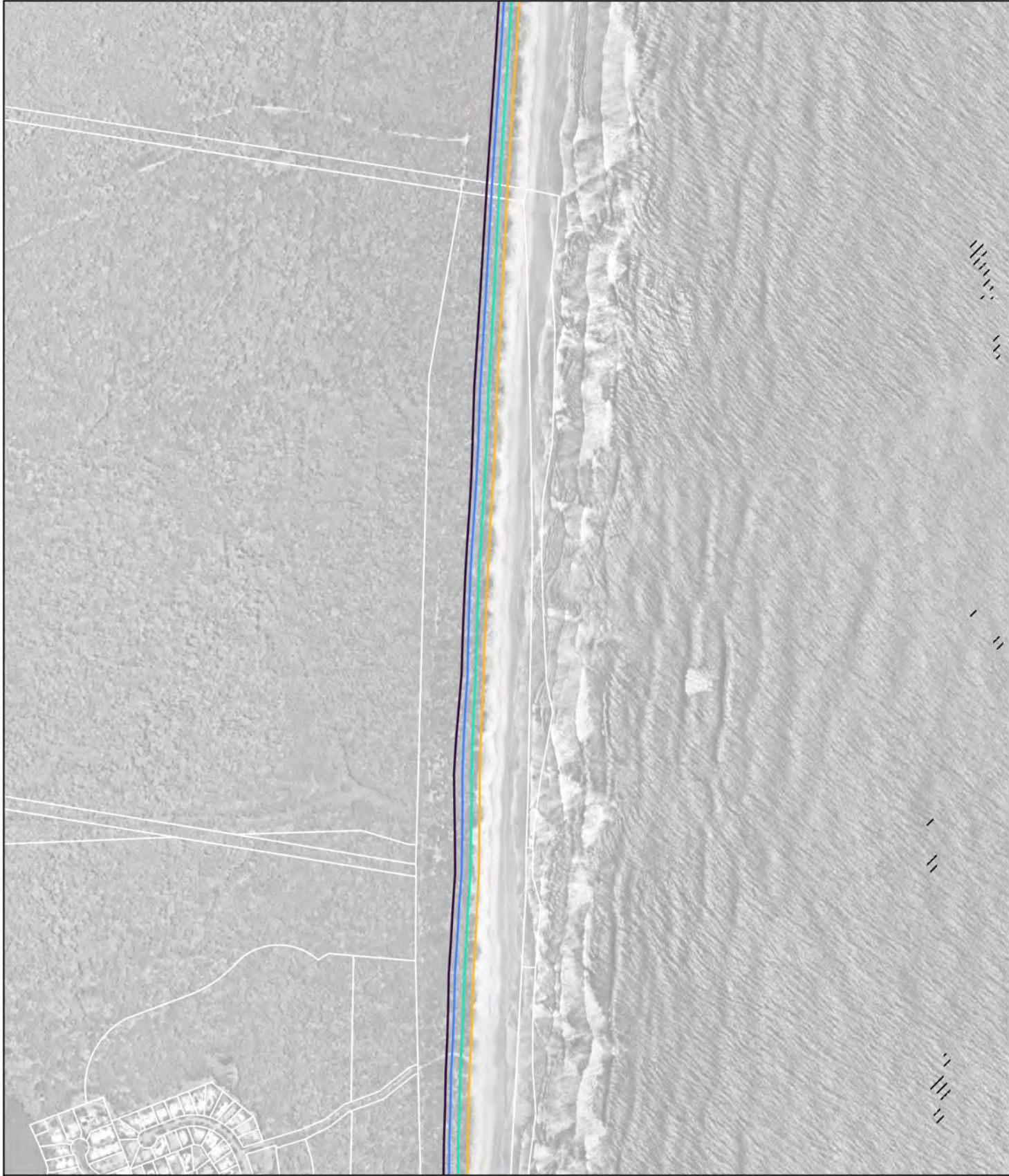
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1 (dark blue line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
- Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- //// Outcrop/ reef (pink hatched area)
- Sandstone unit^ (pink area)
- Cadastrate (white lines) (white lines)

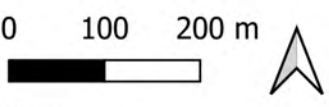
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### Wooyung erosion and recession hazard (2050, ZRFC)



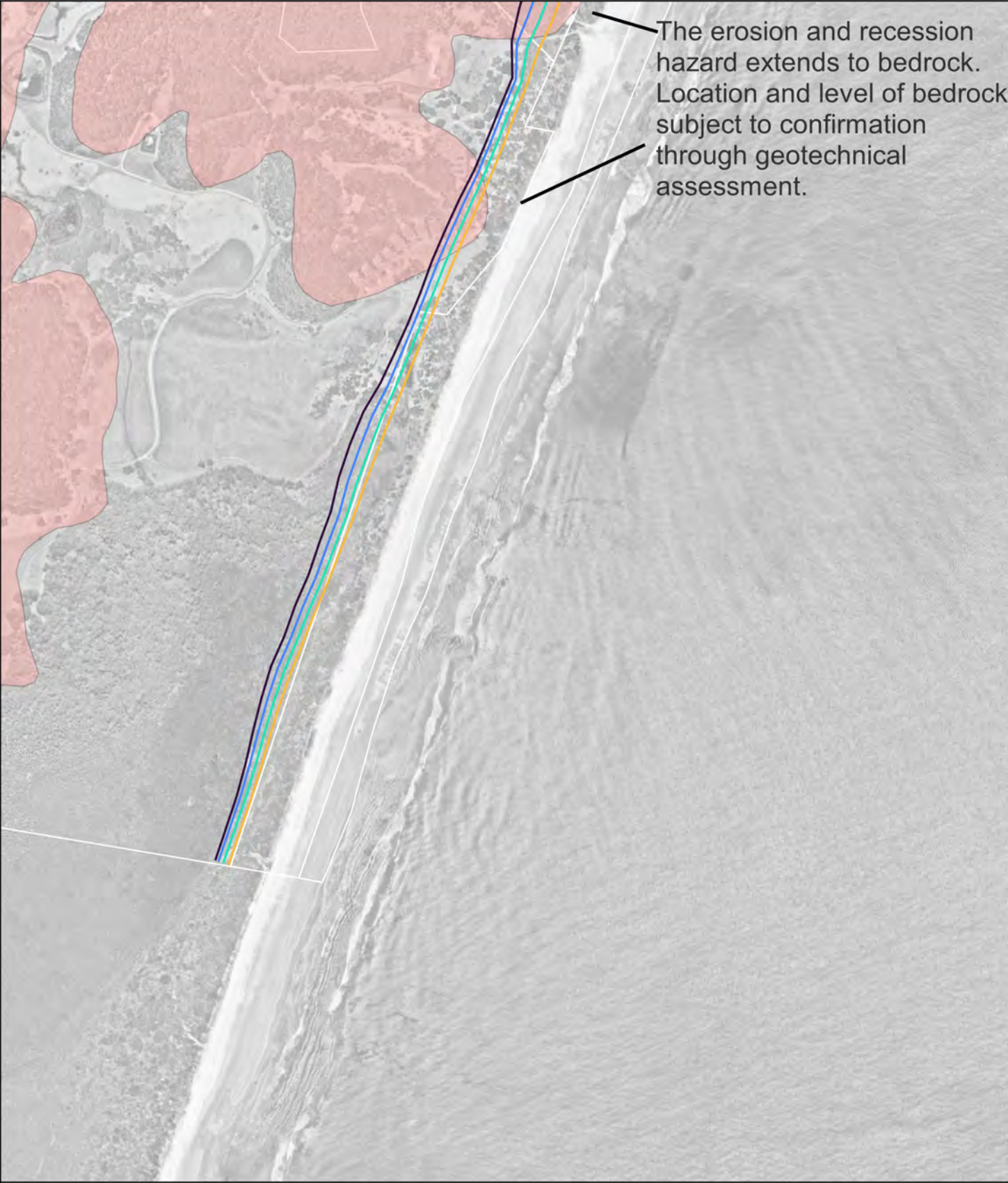
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)
- Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

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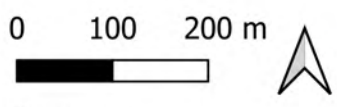






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Seven Mile Beach (south) erosion and recession hazard (2070, ZRFC)



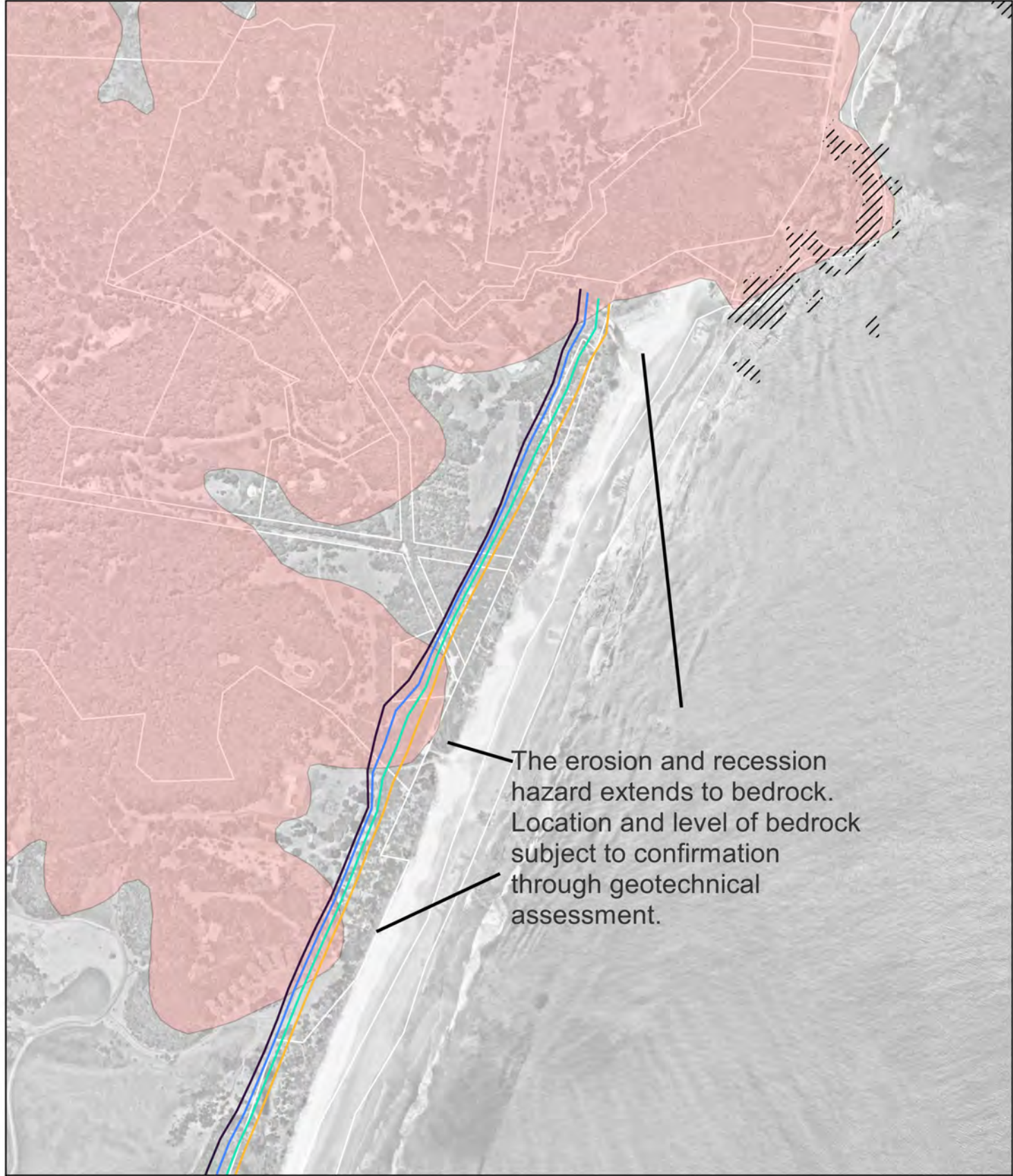
Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastrate (white lines)

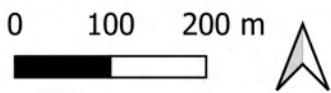
Disclaimer:  
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### Seven Mile Beach (north) erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

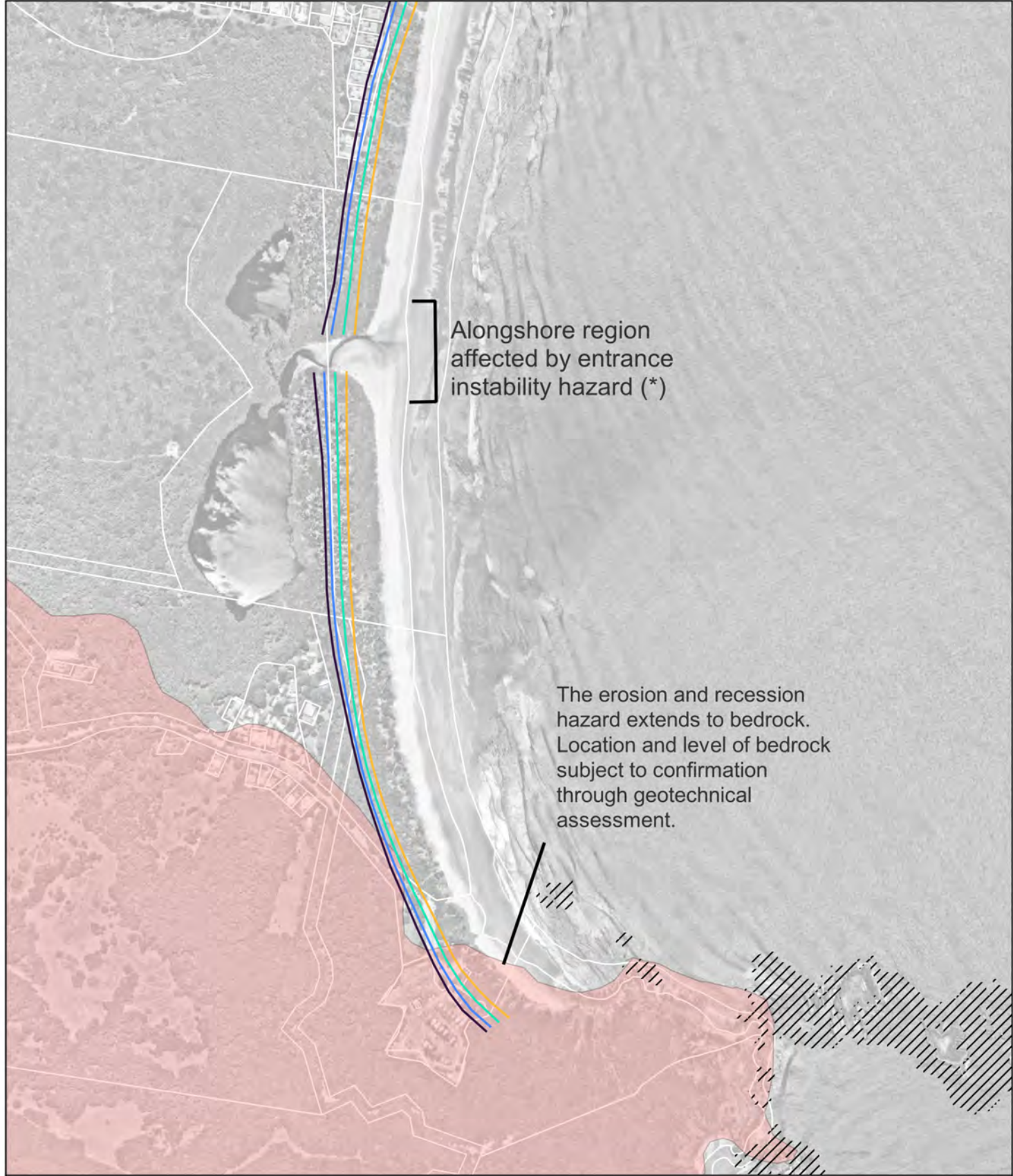
- Rock structure (non erodible)
- - - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

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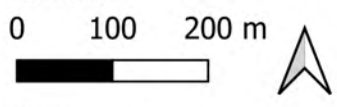


Alongshore region affected by entrance instability hazard (\*)

The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Broken Head erosion and recession hazard (2070, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (diagonal hatching)
- Sandstone unit^ (red shading)
- Cadastrre (white lines)

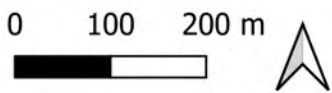
Disclaimer:  
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### Suffolk Park erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

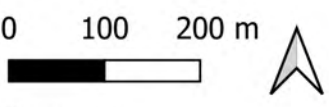
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Alongshore region affected by entrance instability hazard (\*)

### Suffolk Park to Tallow Beach erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (pink shaded area)
- Cadastrate (white lines)

Disclaimer:  
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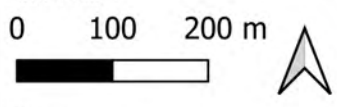






### Tallow Creek erosion and recession hazard (2070, ZRFC)

\*Refer to Section 8.2 in main report for further detail



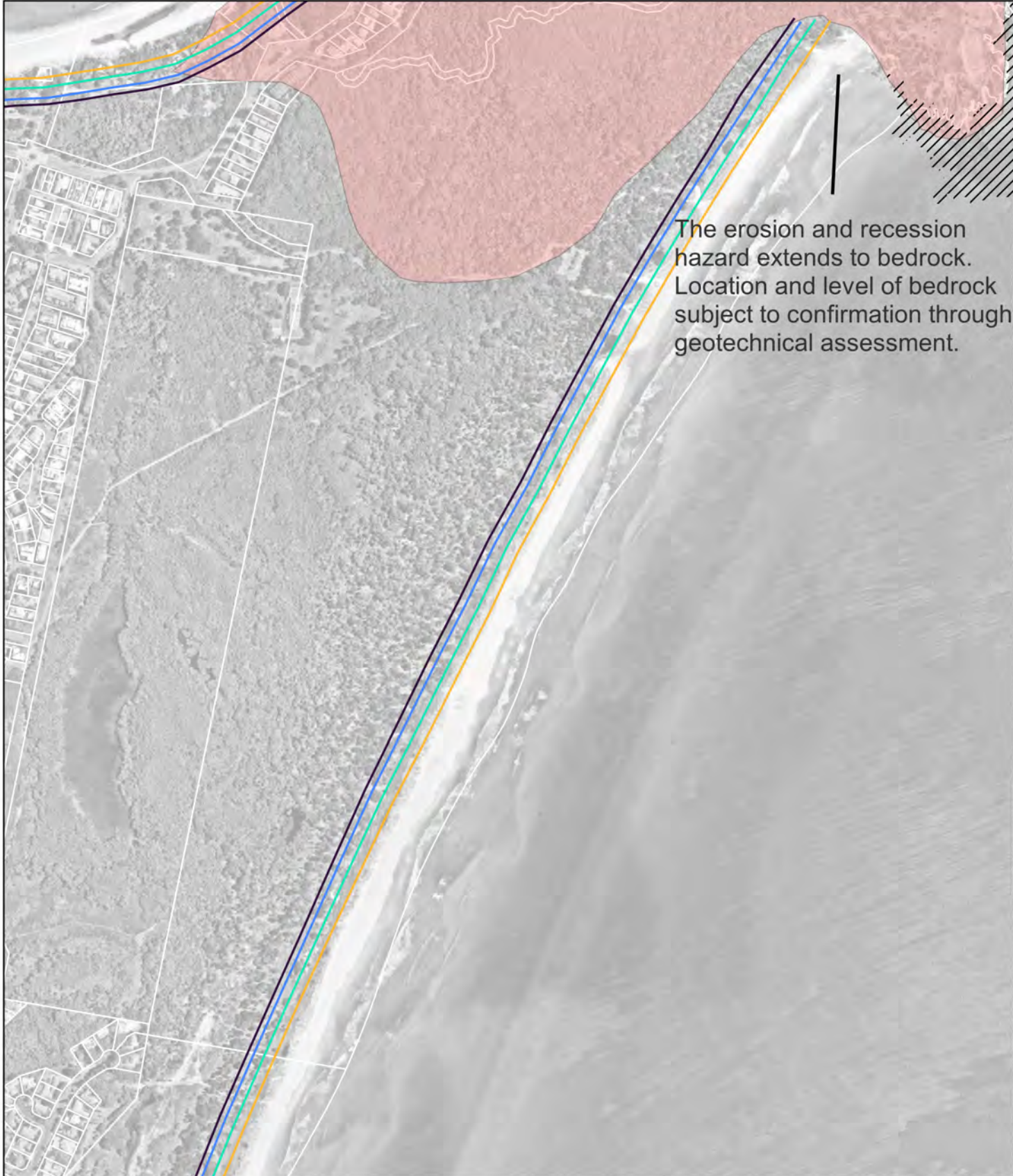
Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastré (white lines)

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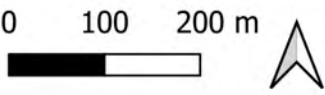






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

**Tallow Beach (north) erosion and recession hazard (2070, ZRFC)**



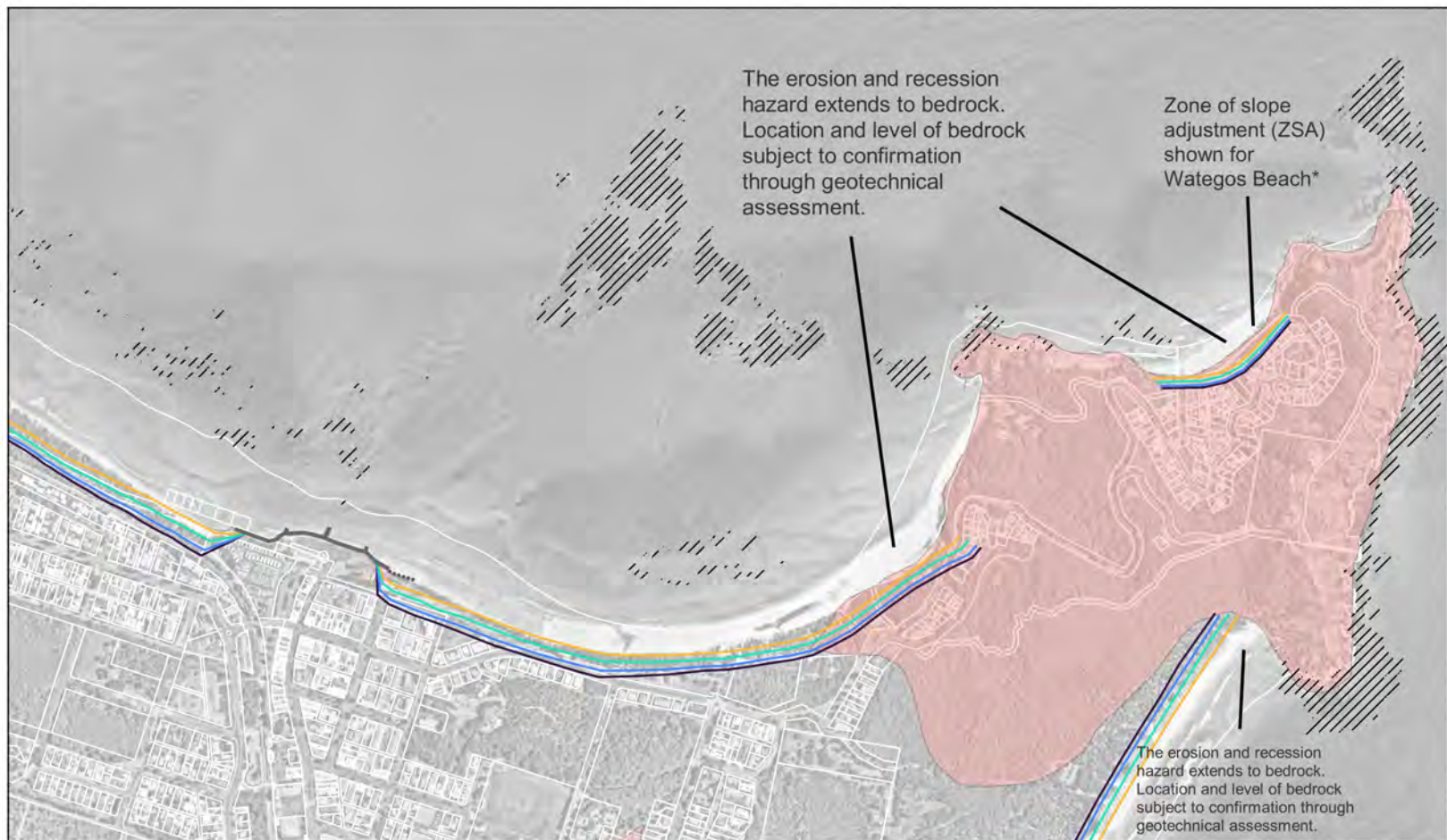
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- //// Outcrop/ reef
- Sandstone unit^ (pink shaded area)
- Cadastre (white lines)

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### Byron embayment (east) erosion and recession hazard (2070, ZRFC)

Exceedance probability (%)

- 1
- 2
- 5
- 10

— Cadastre (white lines)

— Seawall/ revetment

— Rock structure (non erodible)

— Rock structure (low design standard)

..... Geobag (low design standard)

/// Outcrop/ reef

■ Sandstone unit^

\*Refer to Section 5.4 in main report for further detail

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Basemaps

Nearmap (captured 16-11-2022)

Overview: ESRI Standard

^NSW Seamless Geology Database

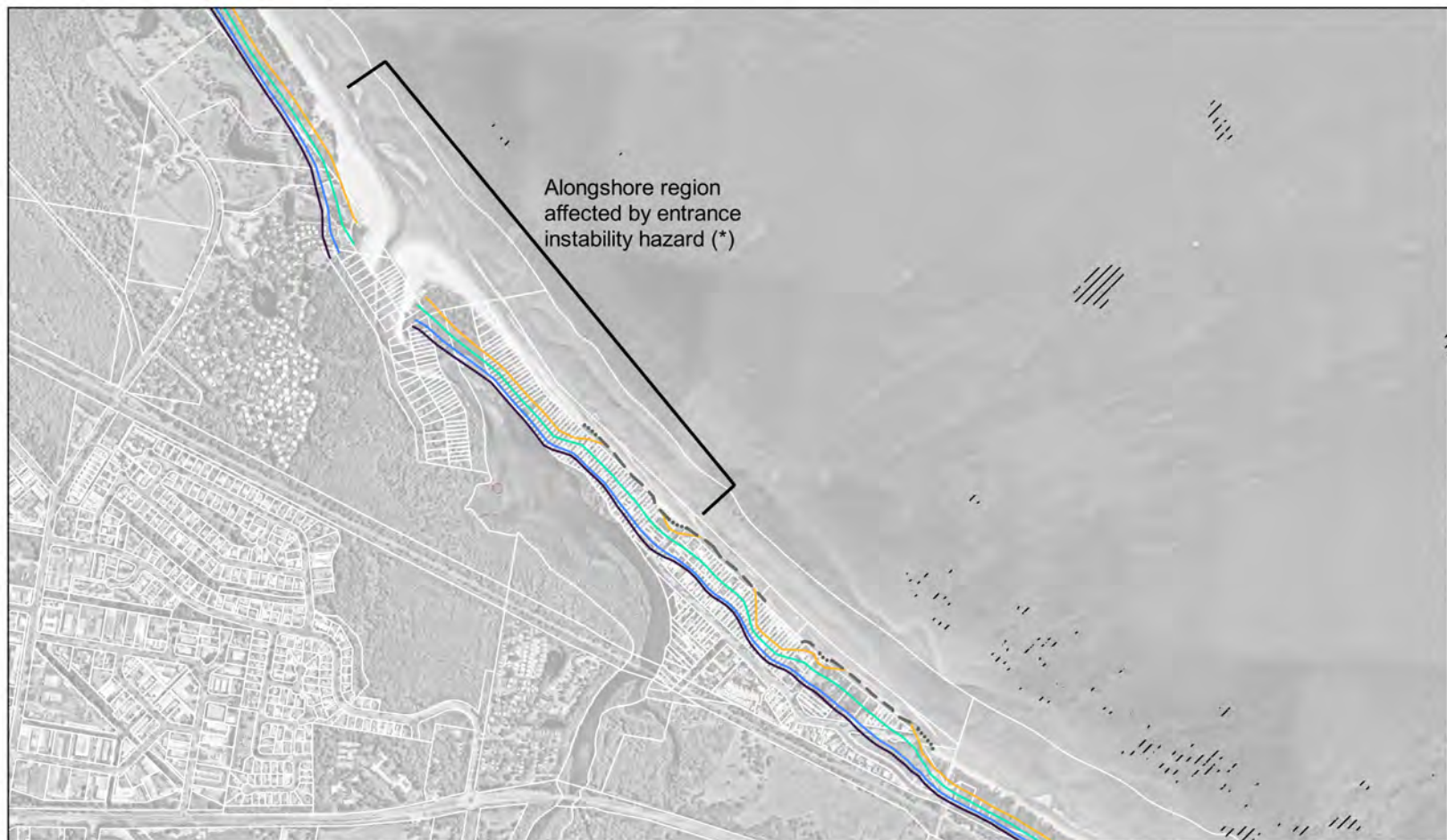
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0 100 200 m







Alongshore region  
affected by entrance  
instability hazard (\*)

### Byron embayment (west) erosion and recession hazard (2070, ZRFC)

Exceedance probability (%)

- 1
- 2
- 5
- 10

— Cadastre (white lines)

— Seawall/ revetment

— Rock structure (non erodible)

- - - Rock structure (low design standard)

..... Geobag (low design standard)

//// Outcrop/ reef

■ Sandstone unit<sup>^</sup>

\*Refer to Section 8.2 in main report for further detail

Disclaimer:

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Basemaps

Nearmap (captured 16-11-2022)

Overview: ESRI Standard

<sup>^</sup>NSW Seamless Geology Database

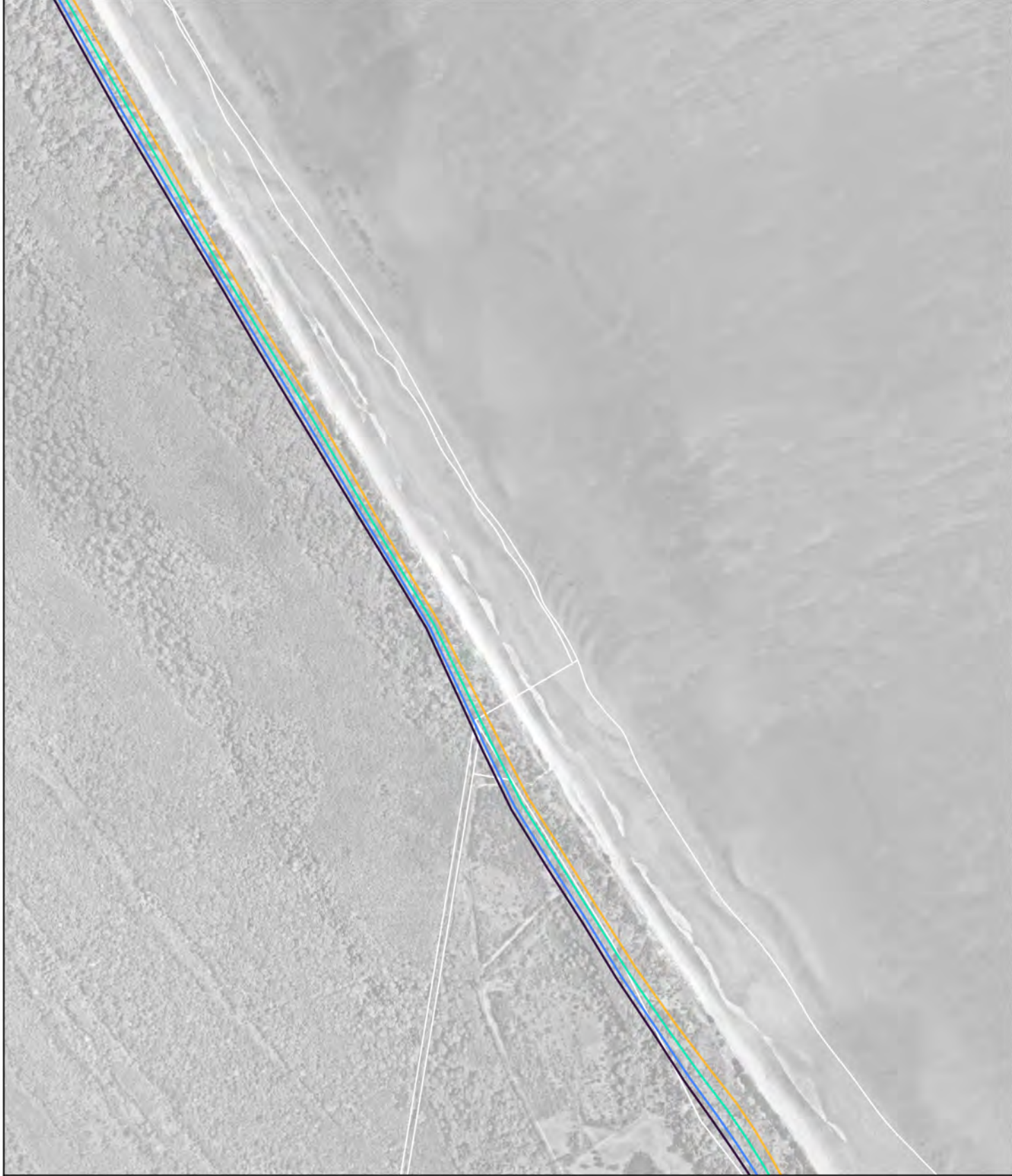
**bluecoast**  
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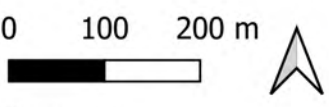
0 100 200 m







**Belongil Beach (north) erosion and recession hazard (2070, ZRFC)**



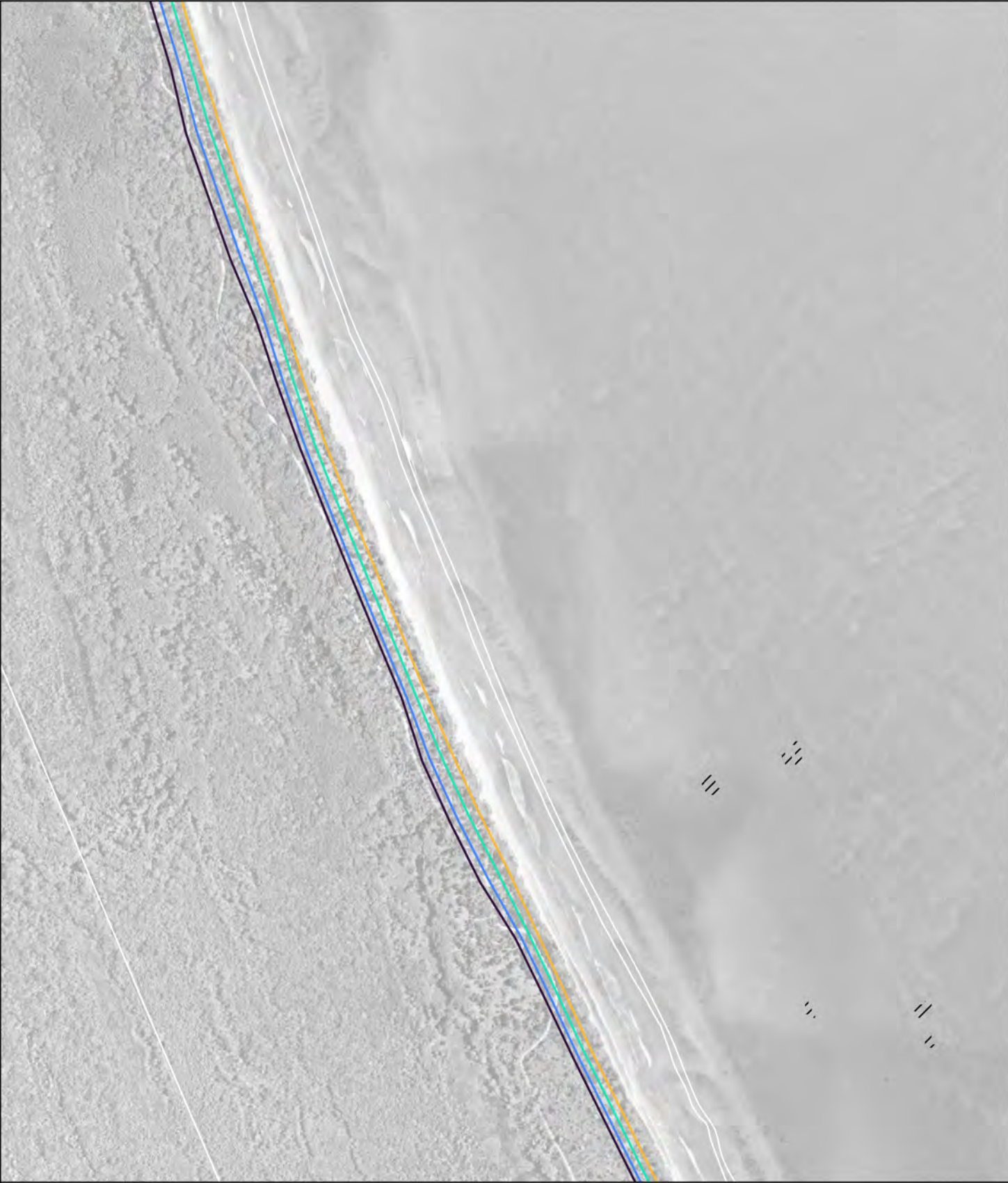
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (orange line)
- Seawall/ revetment
- Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (diagonal hatching)
  - Sandstone unit^ (pink shaded area)
  - Cadastrate (white lines)

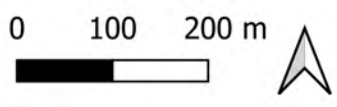
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### Tyagarah Beach (south) erosion and recession hazard (2070, ZRFC)



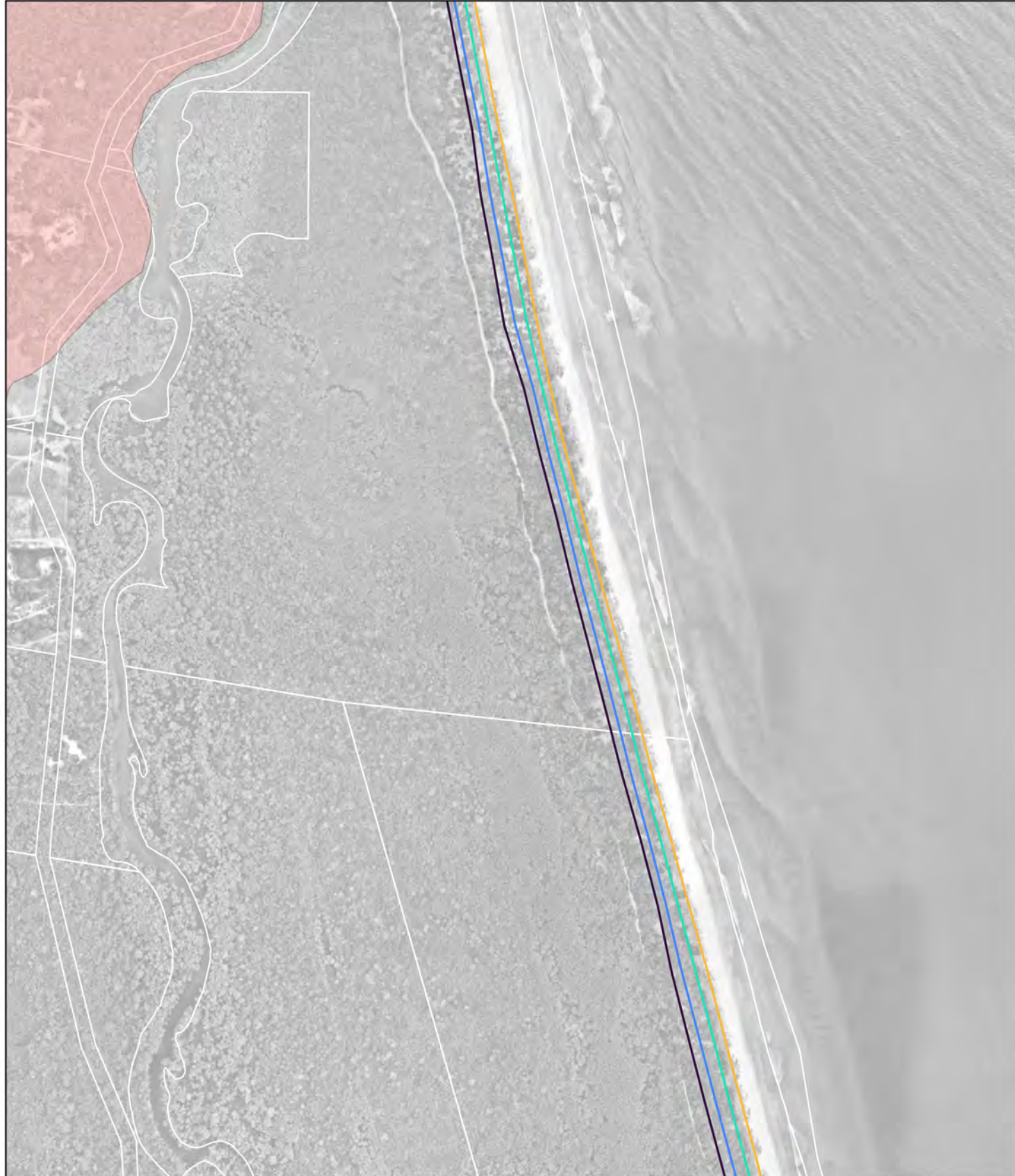
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (thick black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (diagonal hatching)
- Sandstone unit^ (pink shading)
- Cadastral (white lines)

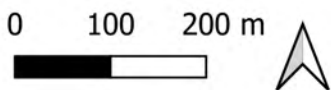
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## Tyagarah Beach (central) erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

### Exceedance probability (%)

- 1
- 2
- 5
- 10

Outcrop/ reef

Sandstone unit^  
 Cadastre (white lines)

### Seawall/ revetment

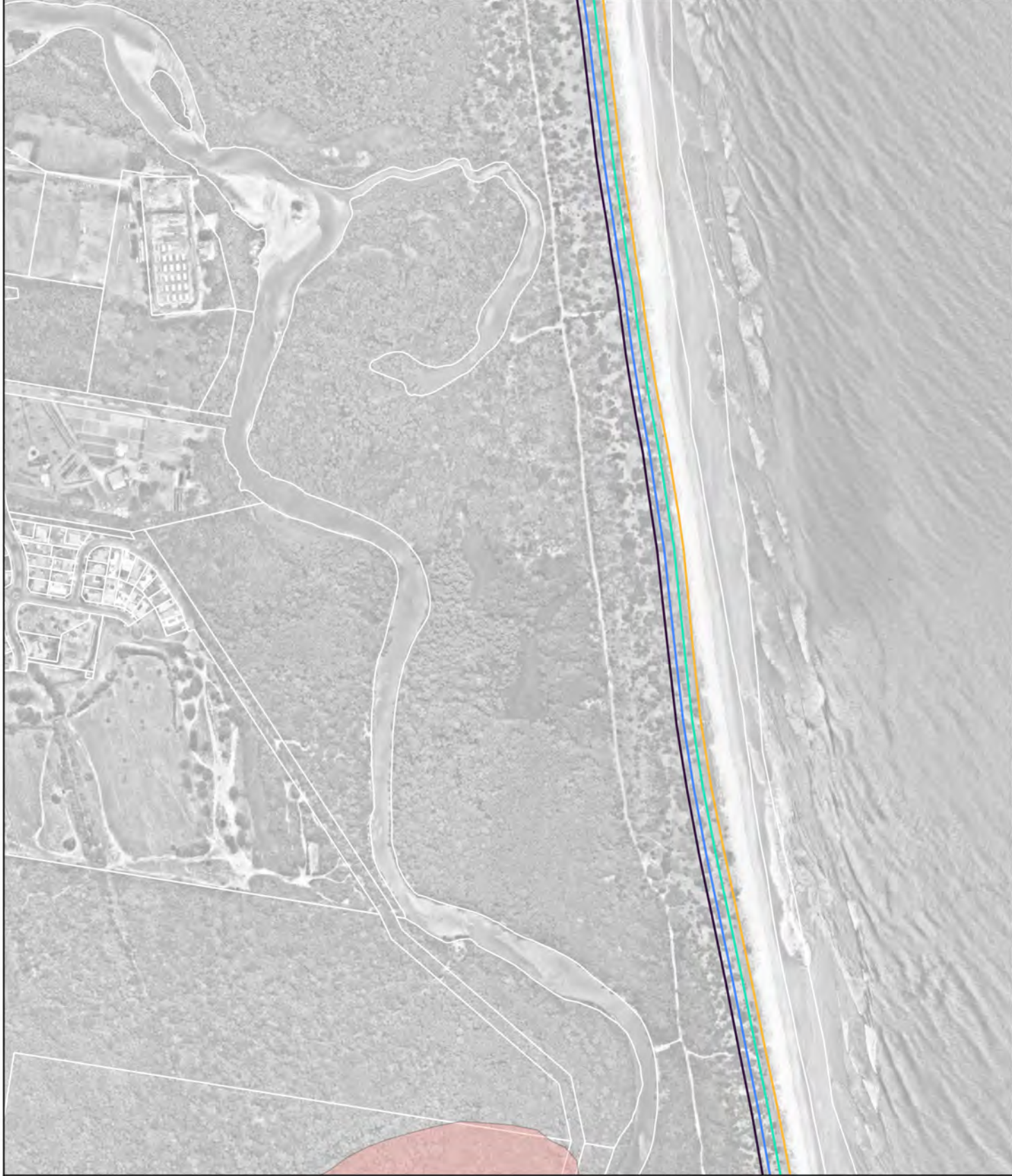
- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

### Disclaimer:

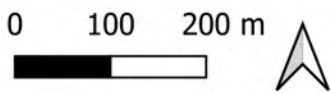
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### Tyagarah Beach (north) erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

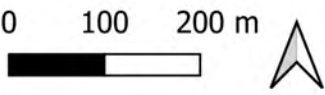
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### Brunswick erosion and recession hazard (2070, ZRFC)



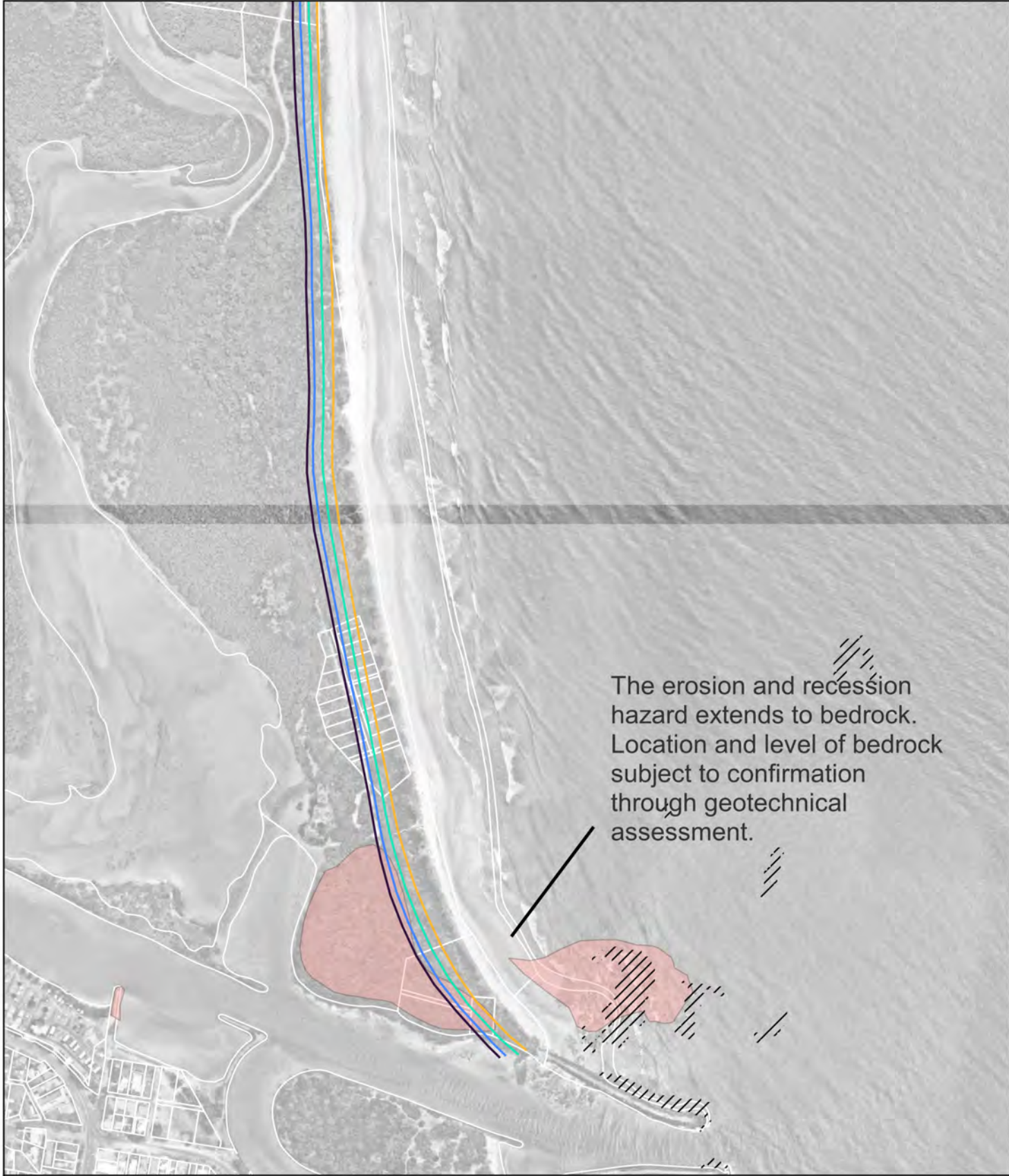
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Outcrop/ reef
- Sandstone unit^
- Cadastré (white lines)
- Seawall/ revetment
  - Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)

Disclaimer:  
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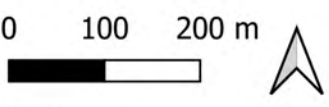






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### North Head erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (yellow line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- Outcrop/ reef (diagonal hatching)
- Sandstone unit^ (red shading)
- Cadastral (white lines)

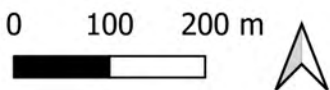
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### New Brighton erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

- Outcrop/ reef
- Sandstone unit^
- Cadastrate (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

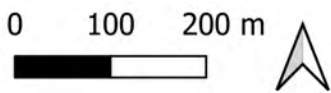
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## New Brighton to South Golden Beach erosion and recession hazard (2070, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

/// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

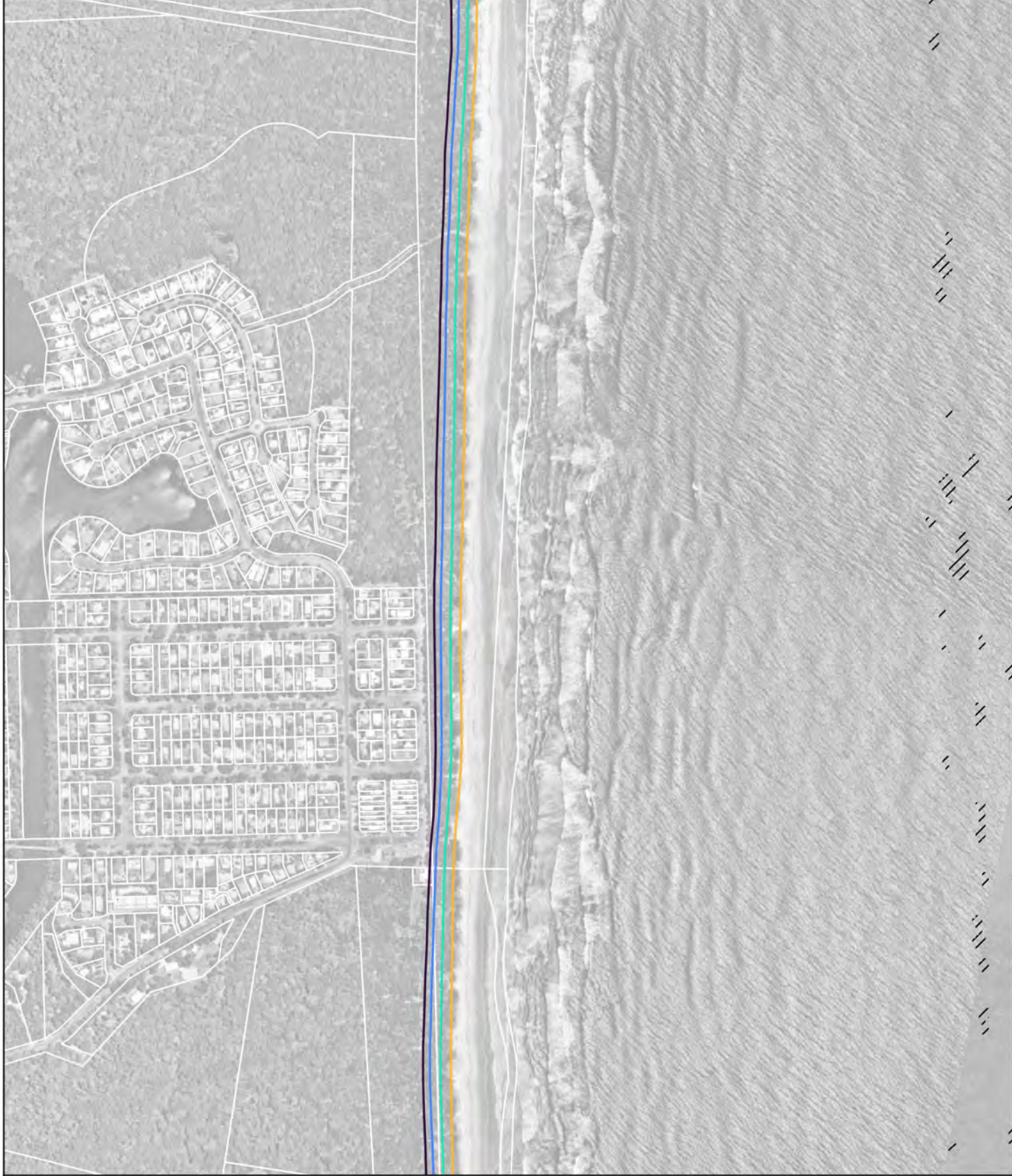
- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

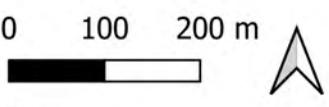
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### South Golden Beach erosion and recession hazard (2070, ZRFC)



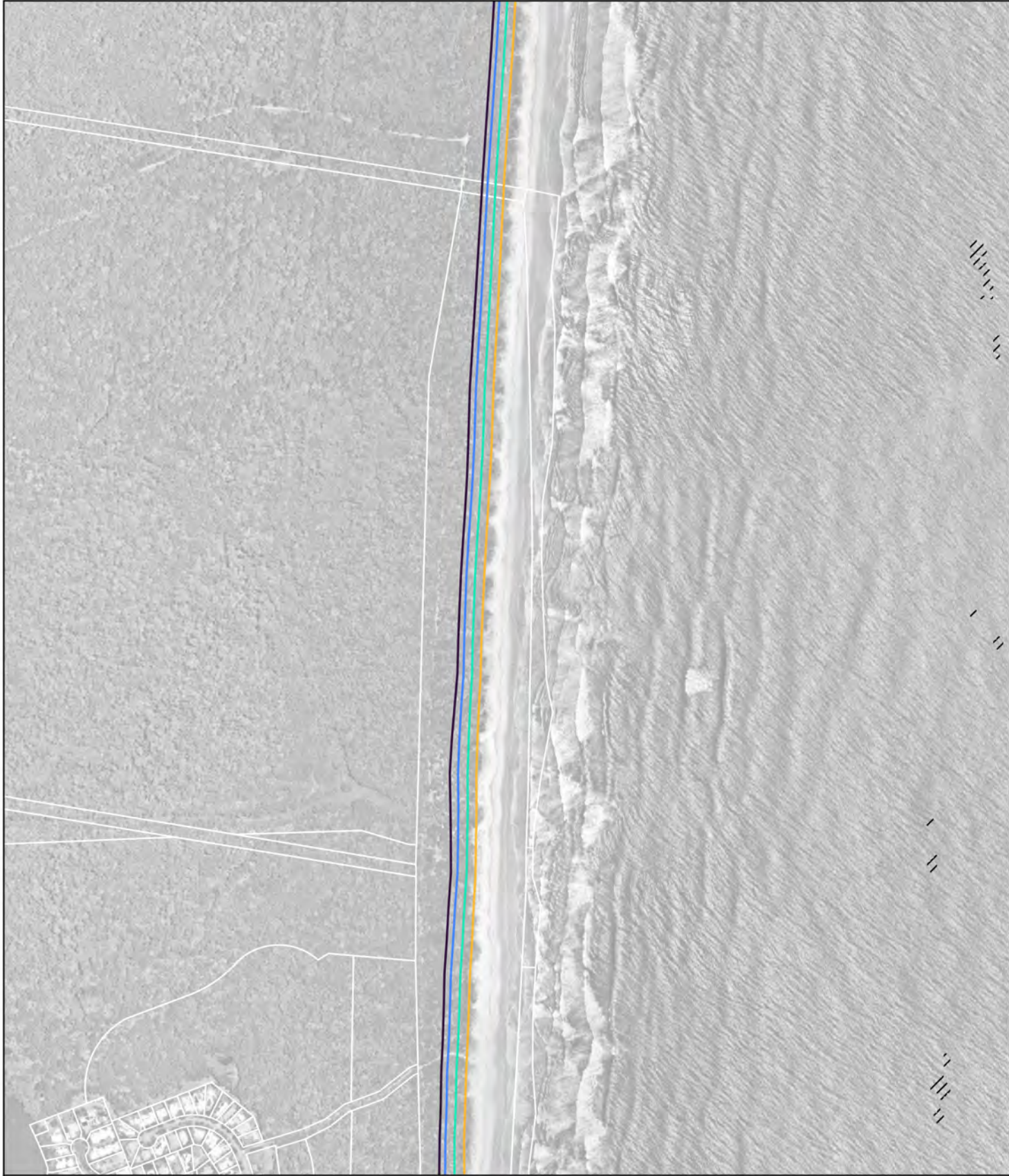
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

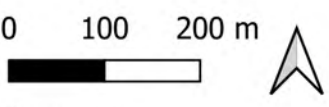
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### Wooyung erosion and recession hazard (2070, ZRFC)



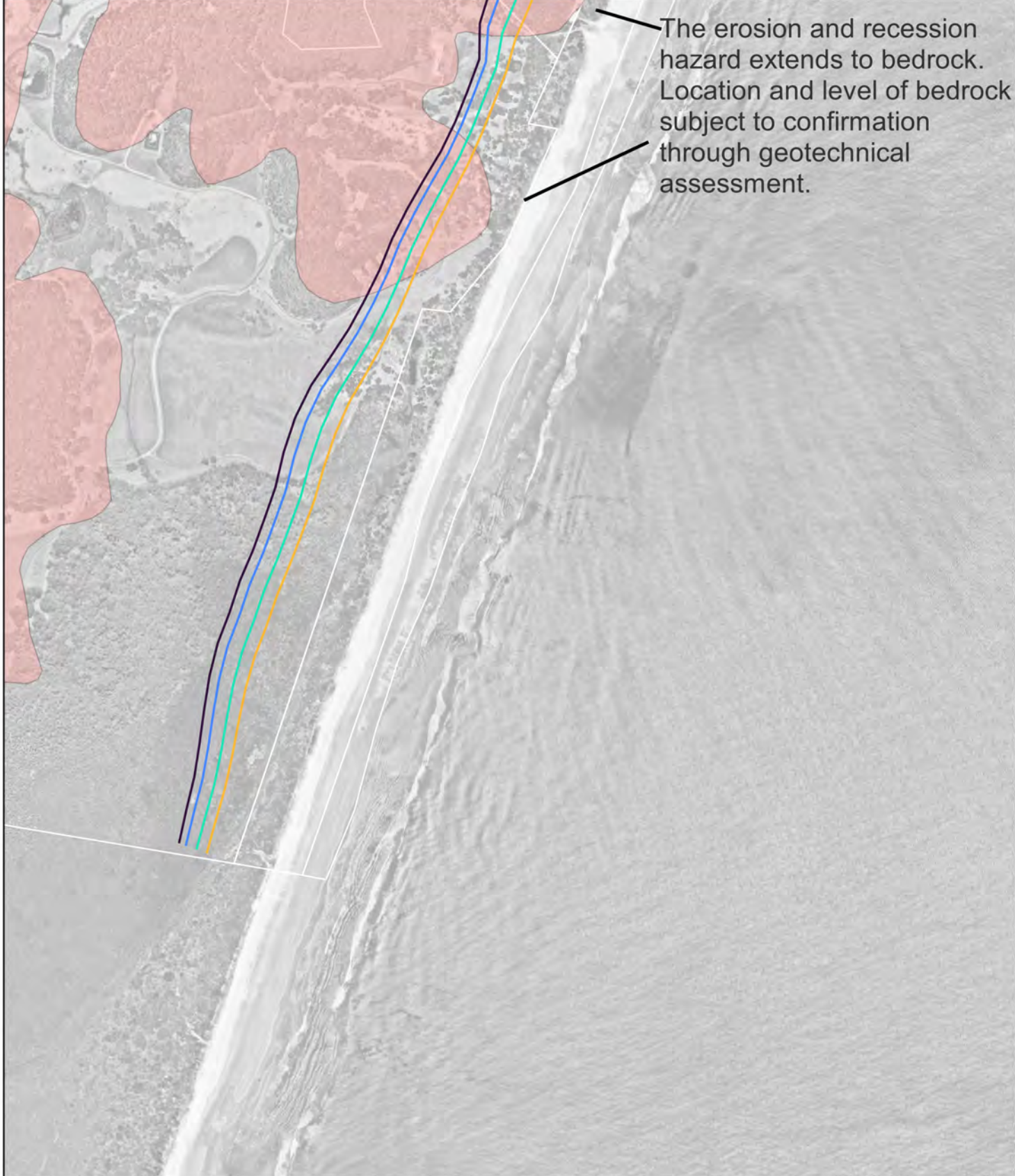
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (pink shaded area)
- Cadastrre (white lines)

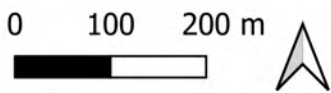
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## Seven Mile Beach (south) erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

Outcrop/ reef

Sandstone unit^  
 Cadastre (white lines)

Seawall/ revetment

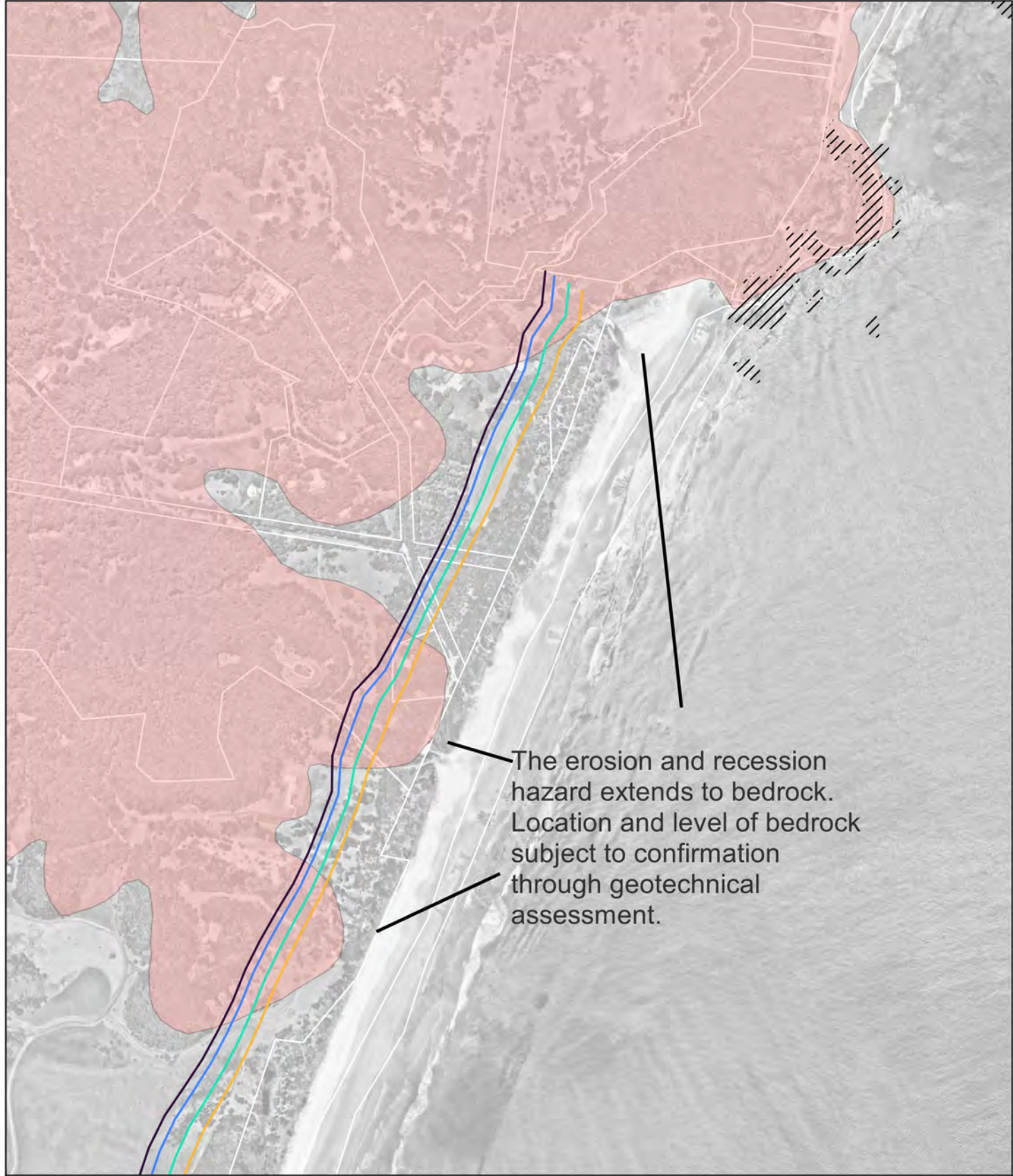
- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

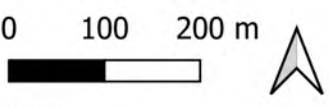
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**Seven Mile Beach (north) erosion and recession hazard (2120, ZRFC)**



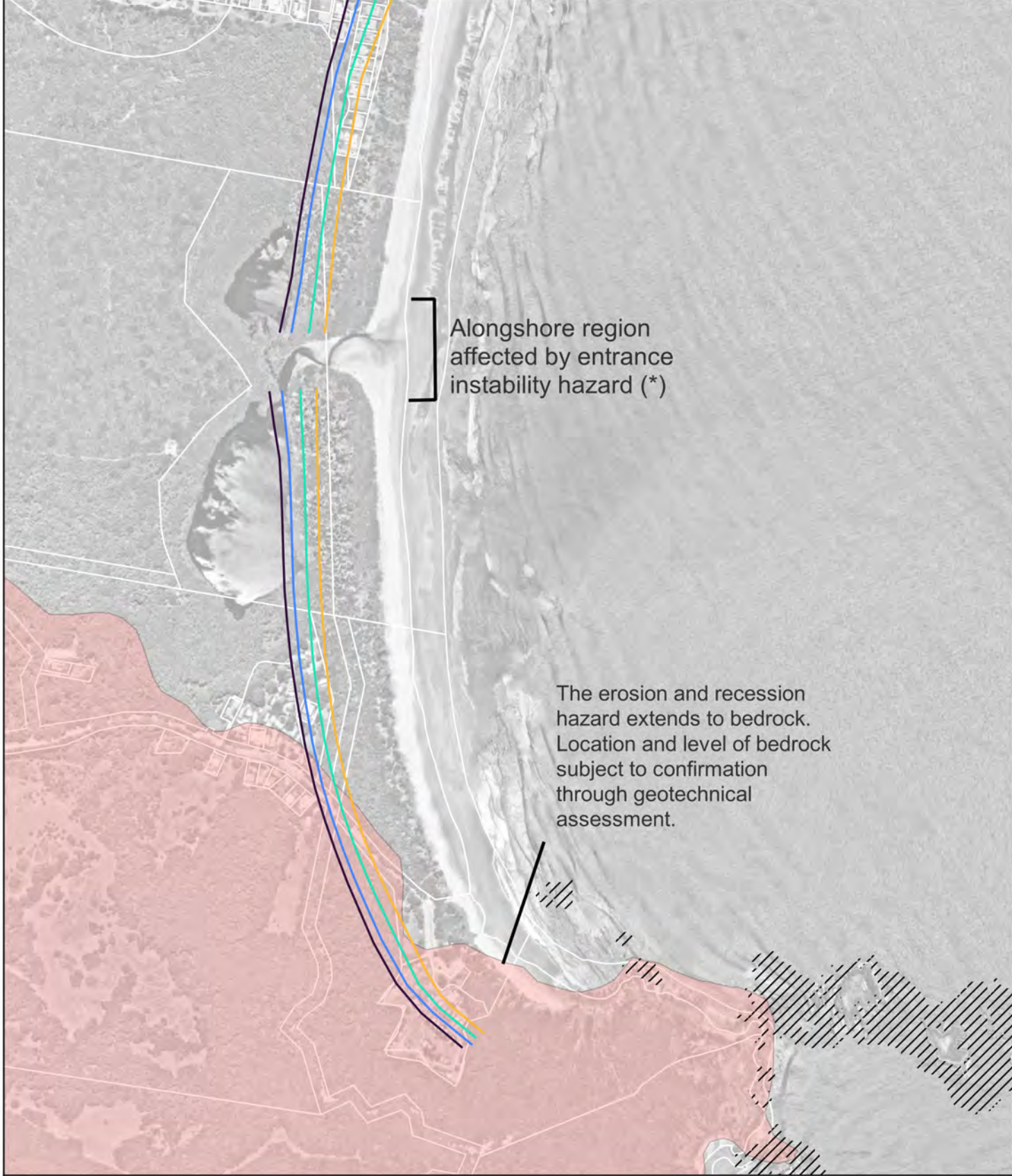
Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)
- //// Outcrop/ reef
  - Sandstone unit^
  - Cadastre (white lines)

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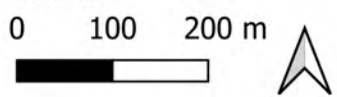


Alongshore region affected by entrance instability hazard (\*)

The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Broken Head erosion and recession hazard (2120, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

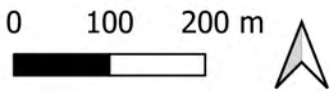
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### Suffolk Park erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

Disclaimer:

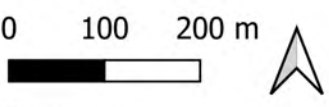
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Alongshore region affected by entrance instability hazard (\*)

### Suffolk Park to Tallow Beach erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)
- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)

Disclaimer:  
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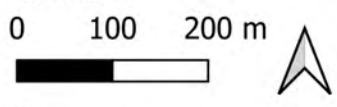






### Tallow Creek erosion and recession hazard (2120, ZRFC)

\*Refer to Section 8.2 in main report for further detail



Basemaps  
 Nearmap captured (16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1
  - 2
  - 5
  - 10
- Seawall/ revetment
- Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)
- //// Outcrop/ reef  
 Sandstone unit^  
 Cadastre (white lines)

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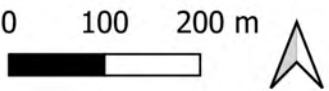






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### Tallow Beach (north) erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

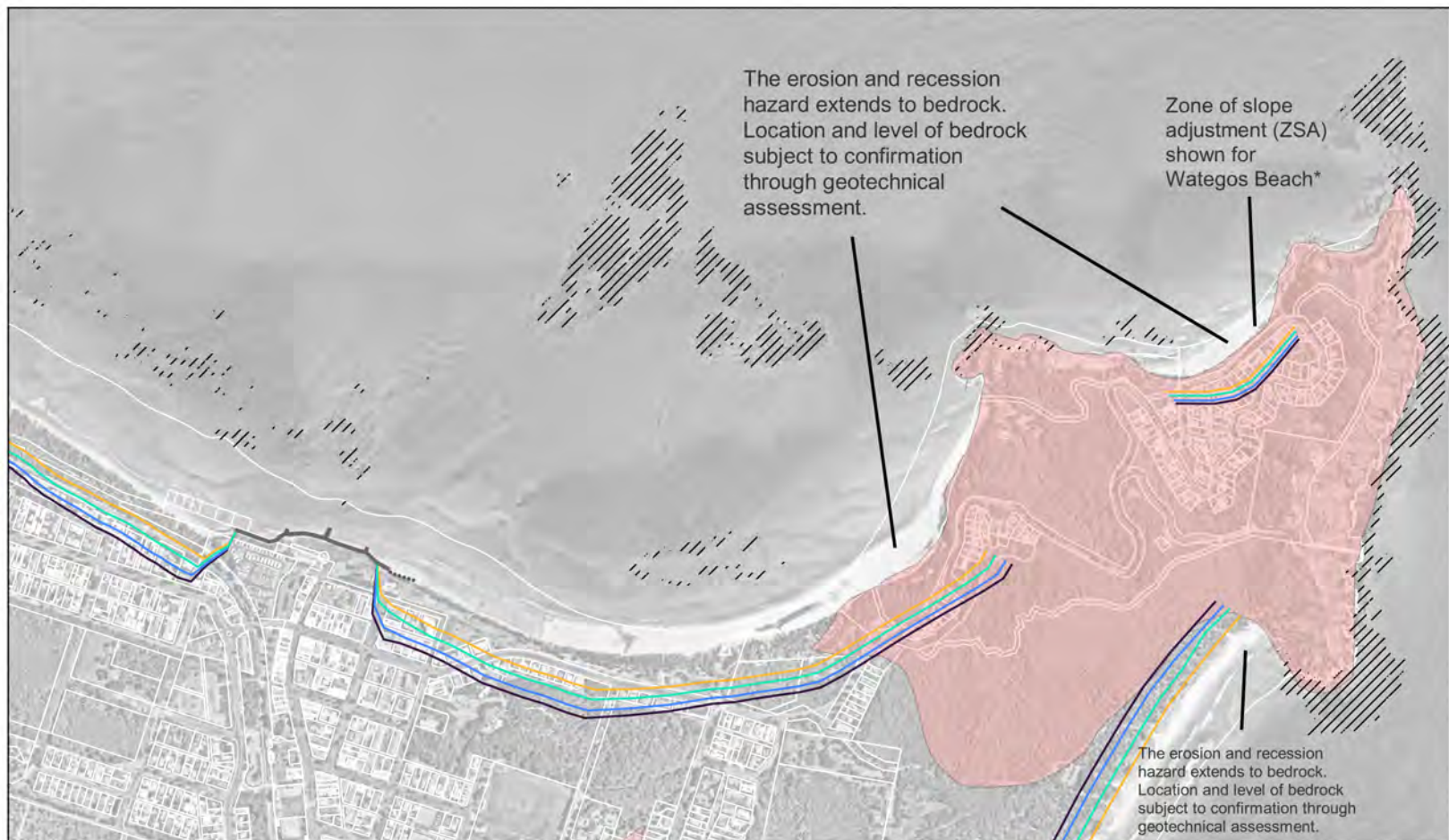
- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- //// Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

- Seawall/ revetment
  - Rock structure (non erodible)
  - - Rock structure (low design standard)
  - ..... Geobag (low design standard)

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### Byron embayment (east) erosion and recession hazard (2120, ZRFC)

Exceedance probability (%)

- 1
  - 2
  - 5
  - 10
- Cadastre (white lines)  
 — Seawall/ revetment  
 — Rock structure (non erodible)  
 - - Rock structure (low design standard)  
 ..... Geobag (low design standard)

- /// Outcrop/ reef
- Sandstone unit^

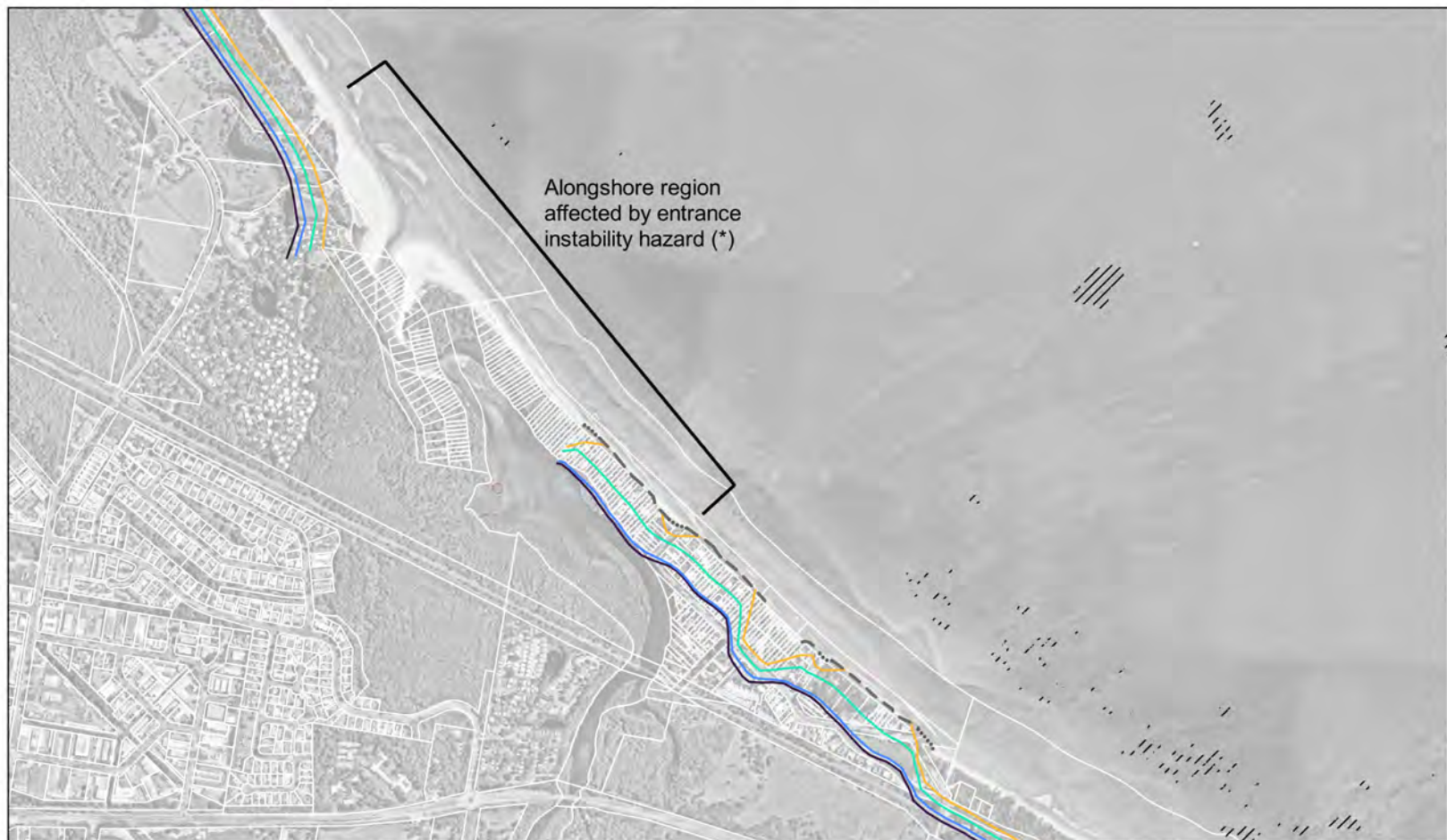
\*Refer to Section 5.4 in main report for further detail  
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Basemaps  
 Nearmap (captured 16-11-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

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Alongshore region  
affected by entrance  
instability hazard (\*)

**Byron embayment (west) erosion and recession hazard (2120, ZRFC)**

Exceedance probability (%)

- 1
- 2
- 5
- 10

- Cadastre (white lines)
- Seawall/ revetment
- Rock structure (non erodible)
- Rock structure (low design standard)
- ..... Geobag (low design standard)

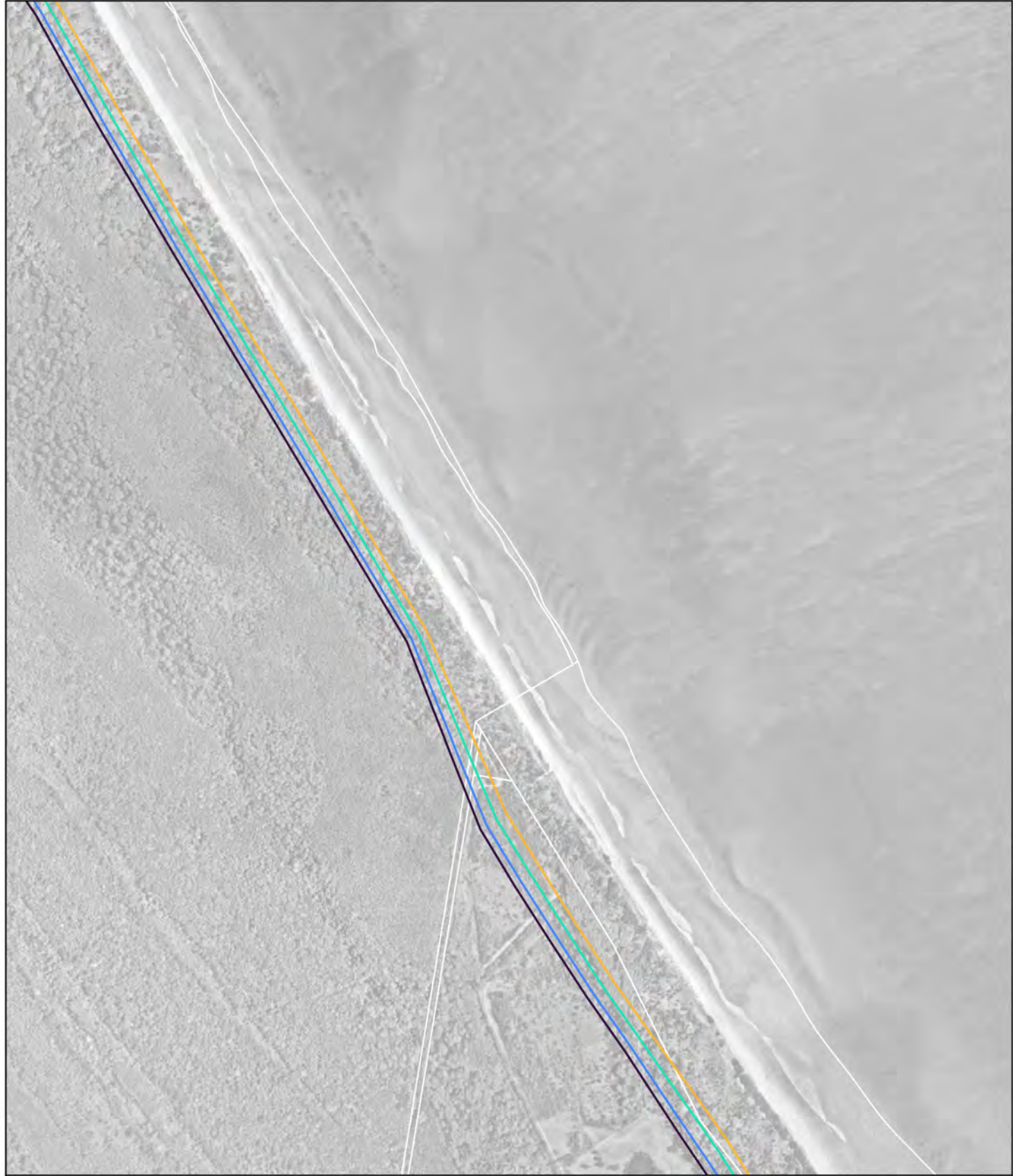
- /// Outcrop/ reef
- Sandstone unit^

\*Refer to Section 8.2 in main report for further detail  
Disclaimer:  
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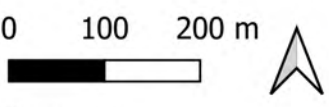
Basemaps  
Nearmap (captured 16-11-2022)  
Overview: ESRI Standard  
^NSW Seamless Geology Database







### Belongil Beach (north) erosion and recession hazard (2120, ZRFC)



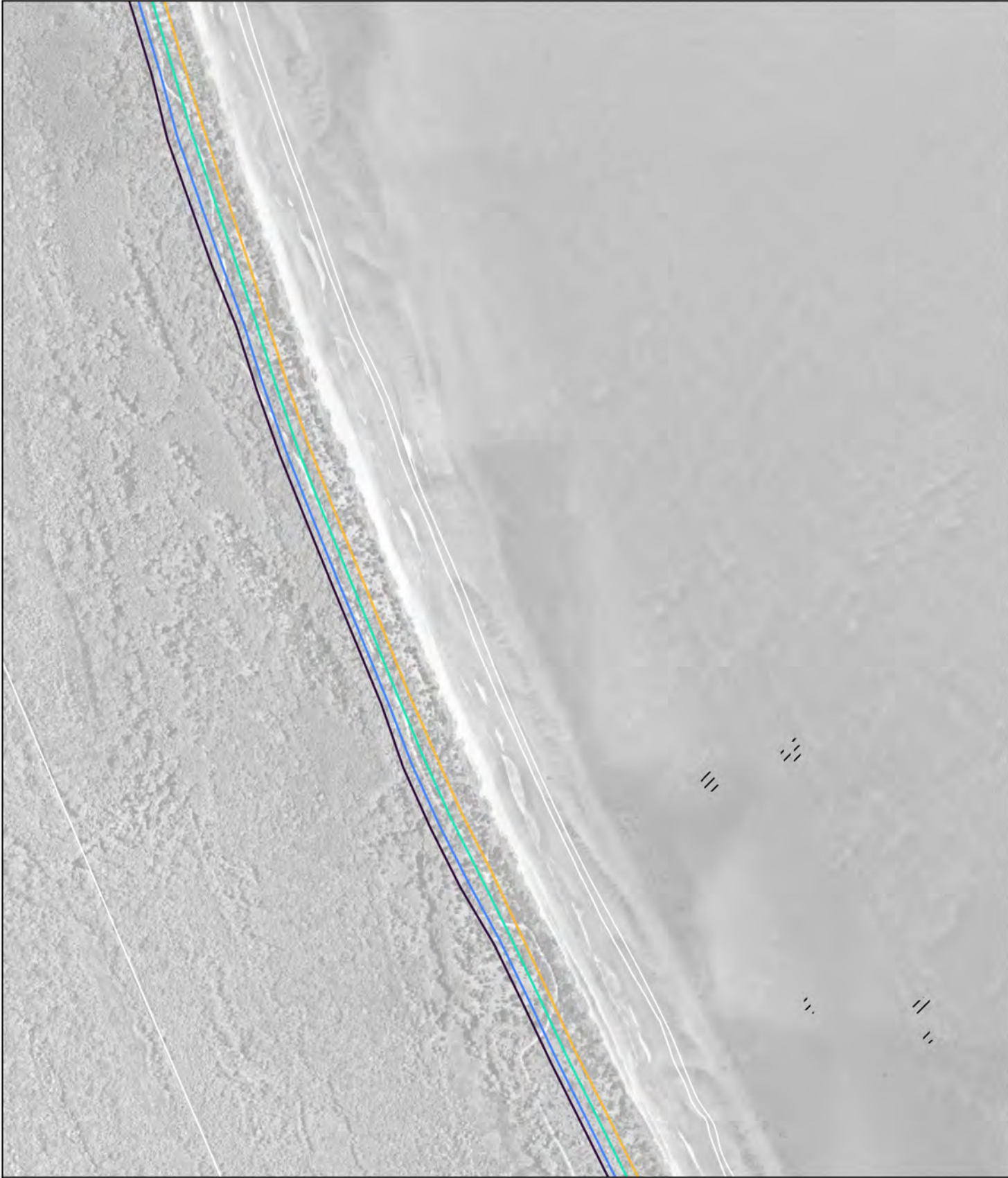
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark purple line)
  - 2 (blue line)
  - 5 (cyan line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (pink shaded area)
- Cadastrre (white lines)

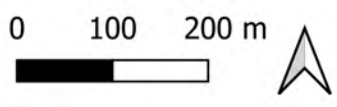
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### Tyagarah Beach (south) erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (purple line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid grey line)
  - Rock structure (low design standard) (dashed grey line)
  - Geobag (low design standard) (dotted grey line)
- Outcrop/ reef (diagonal hatching)
- Sandstone unit^ (pink fill)
- Cadastral (white lines)

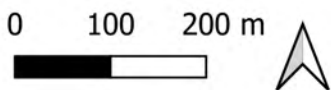
Disclaimer:  
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## Tyagarah Beach (central) erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

### Exceedance probability (%)

- 1
- 2
- 5
- 10

Outcrop/ reef

Sandstone unit^  
 Cadastre (white lines)

### Seawall/ revetment

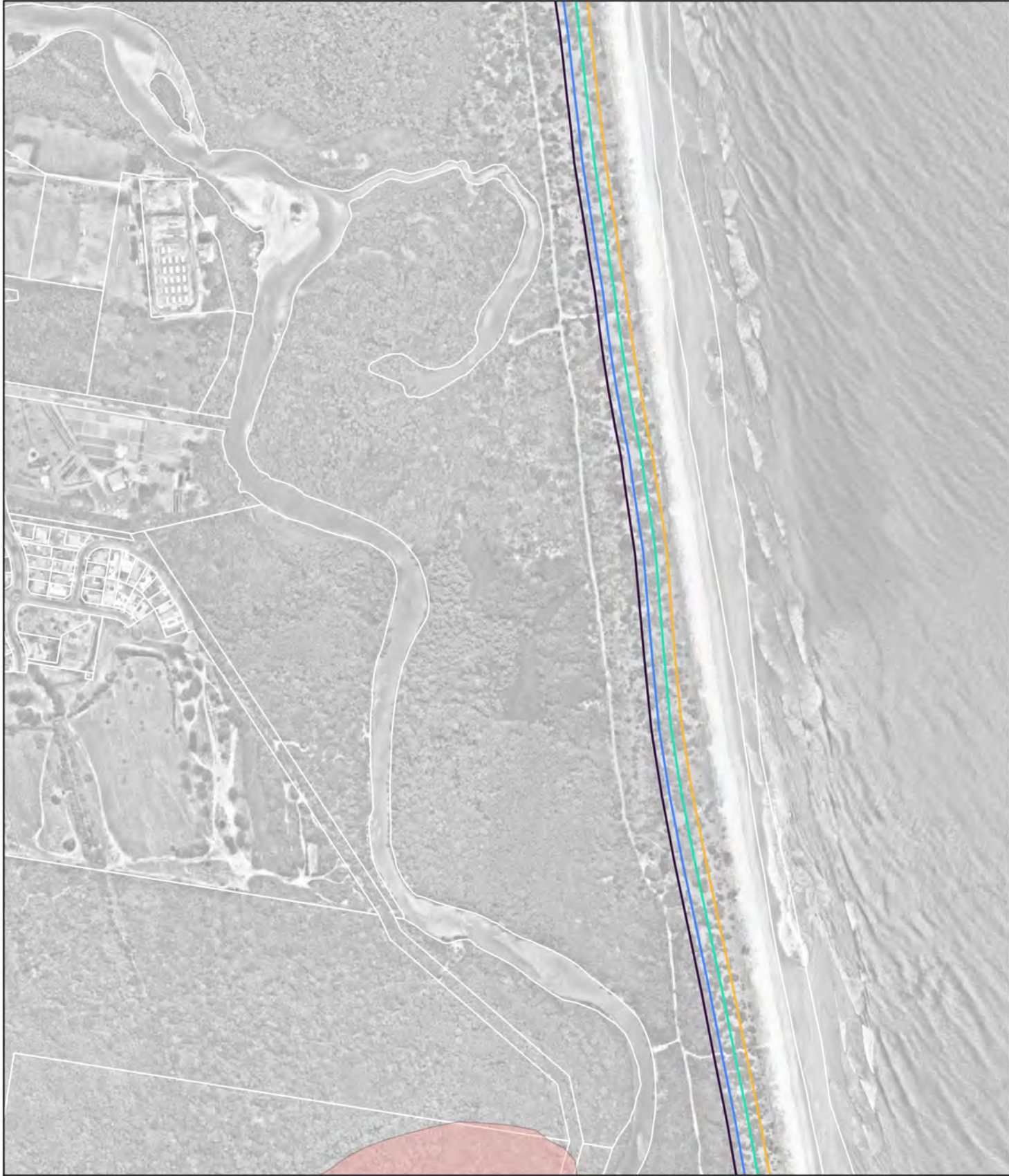
- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

### Disclaimer:

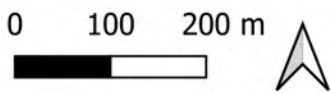
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## Tyagarah Beach (north) erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

### Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 Cadastre (white lines)

### Seawall/ revetment

- Rock structure (non erodible)
- - Rock structure (low design standard)
- ..... Geobag (low design standard)

### Disclaimer:

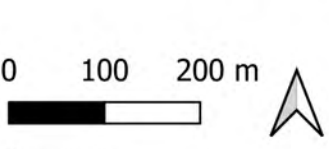
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### Brunswick erosion and recession hazard (2120, ZRFC)



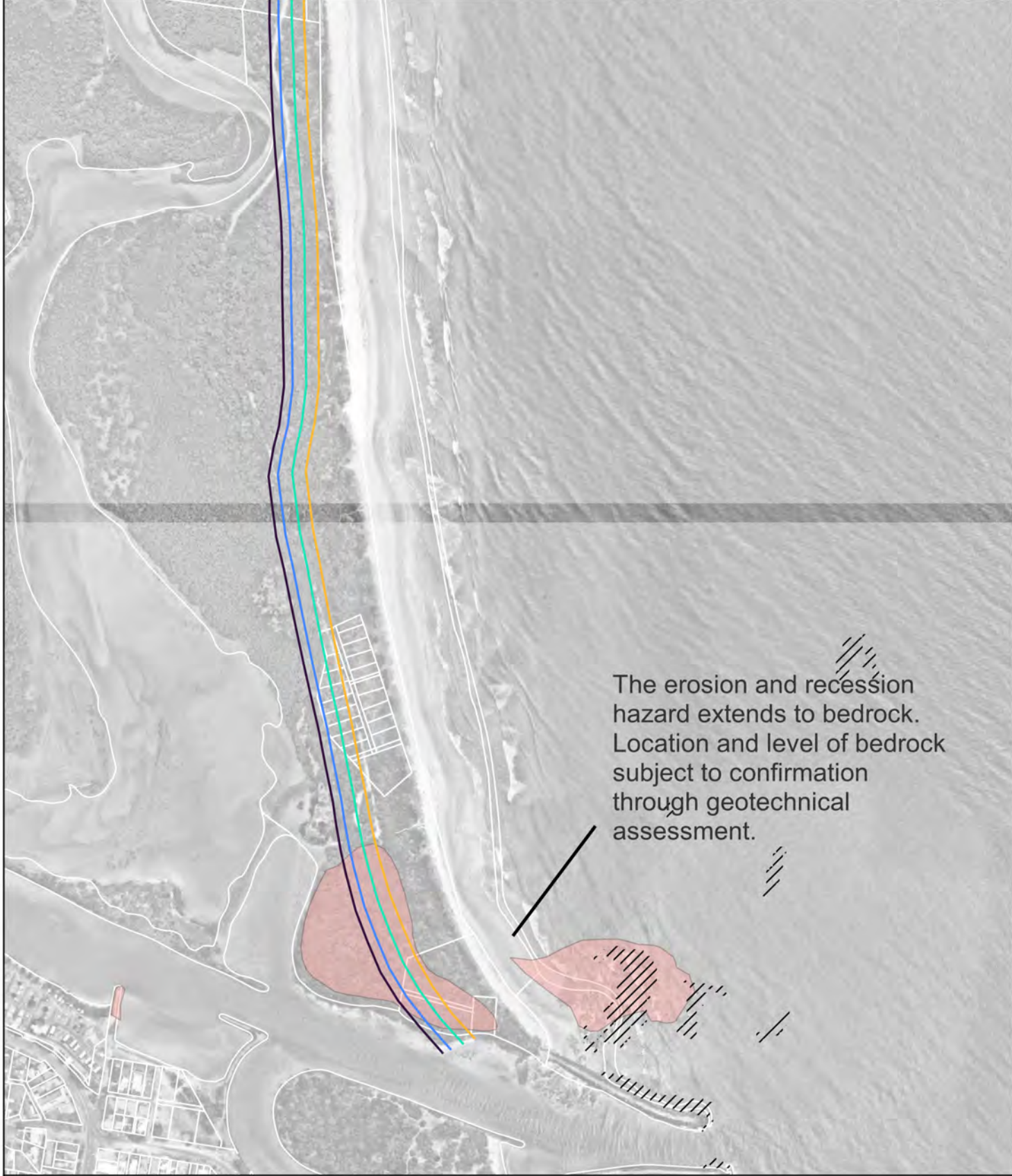
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (dark blue line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red hatched area)
- Cadastrate (white lines)

Disclaimer:  
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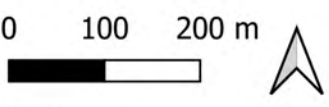






The erosion and recession hazard extends to bedrock. Location and level of bedrock subject to confirmation through geotechnical assessment.

### North Head erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1 (purple line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
  - Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- Outcrop/ reef (hatched pattern)
- Sandstone unit^ (red shaded area)
- Cadastral (white lines)

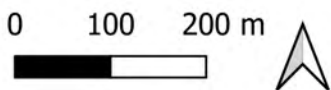
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## New Brighton erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

Outcrop/ reef

Sandstone unit^  
 Cadastre (white lines)

Seawall/ revetment

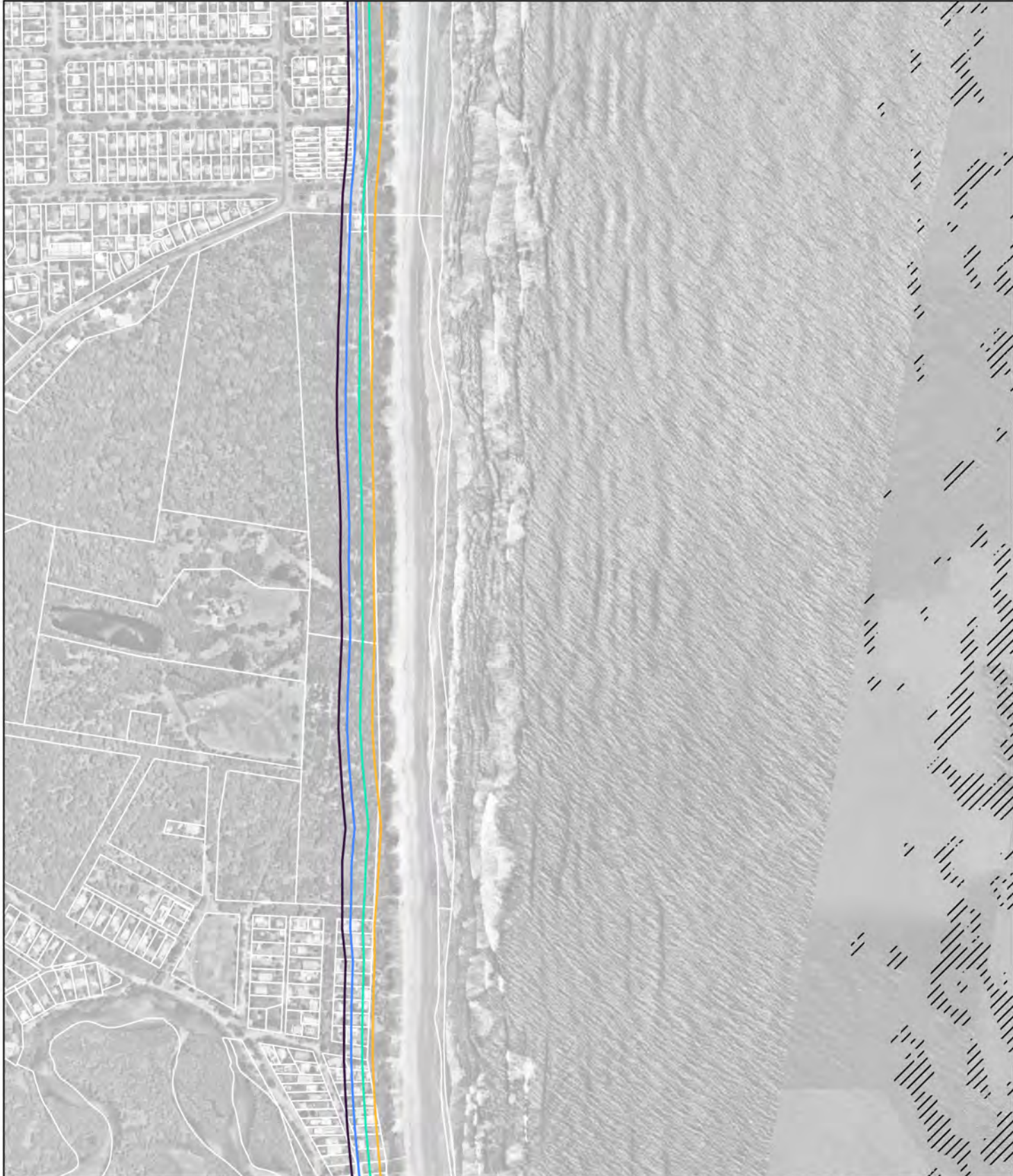
- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

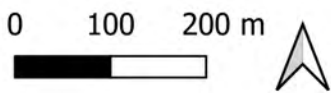
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## New Brighton to South Golden Beach erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

Exceedance probability (%)

- 1
- 2
- 5
- 10

//// Outcrop/ reef

■ Sandstone unit^  
 — Cadastre (white lines)

Seawall/ revetment

- Rock structure (non erodible)
- Rock structure (low design standard)
- Geobag (low design standard)

Disclaimer:

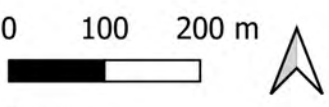
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### South Golden Beach erosion and recession hazard (2120, ZRFC)



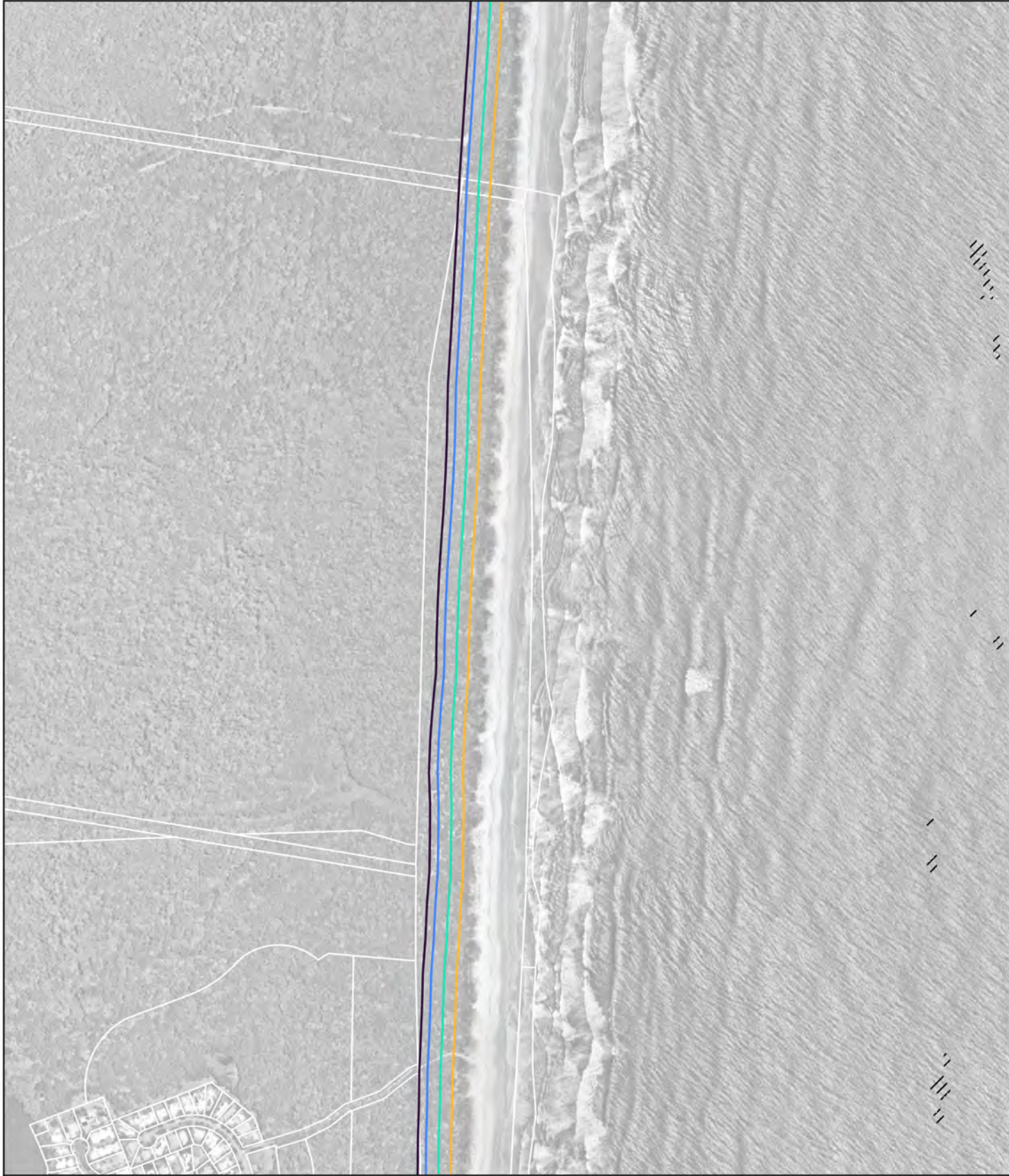
Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
- 1 (black line)
  - 2 (blue line)
  - 5 (green line)
  - 10 (orange line)
- Seawall/ revetment
- Rock structure (non erodible) (solid black line)
  - Rock structure (low design standard) (dashed black line)
  - Geobag (low design standard) (dotted black line)
- //// Outcrop/ reef
- Sandstone unit^ (pink shaded area)
- Cadastre (white lines)

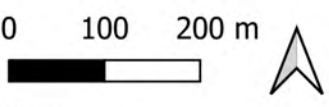
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### Wooyung erosion and recession hazard (2120, ZRFC)



Basemaps  
 Nearmap captured (06-12-2022)  
 Overview: ESRI Standard  
 ^NSW Seamless Geology Database

- Exceedance probability (%)
  - 1
  - 2
  - 5
  - 10
- Seawall/ revetment
  - Rock structure (non erodible)
  - Rock structure (low design standard)
  - Geobag (low design standard)
- Outcrop/ reef
- Sandstone unit^
- Cadastre (white lines)

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### Seven Mile Beach – coastal inundation hazard



0 100 200 m



#### Wave runup limit (Rmax)

- Immediate
- 2040
- 2070
- 2120
- - - Wave overwash (dot lines)

- Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Data sources:  
 Nearmap aerial (captured 16-11-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position.

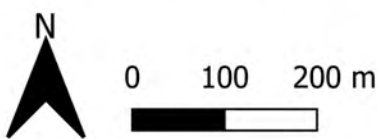
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### Broken Head Beach to Suffolk Park Beach – coastal inundation hazard



- Wave runup limit (Rmax)
  - Immediate
  - 2040
  - 2070
  - 2120
  - Wave overwash (dot lines)
- ▨ Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Data sources:  
 Nearmap aerial (captured 16-11-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

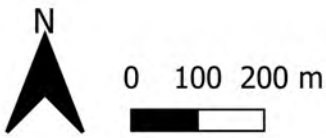
Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position.

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### Tallow Beach to Cosy Corner – coastal inundation hazard



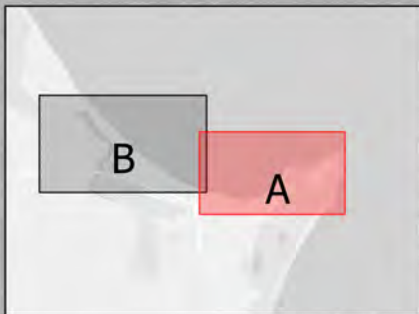
- Wave runup limit (Rmax)
  - Immediate
  - 2040
  - 2070
  - 2120
  - Wave overwash (dot lines)
- ▨ Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Data sources:  
 Nearmap aerial (captured 16-11-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position.

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### Byron embayment – coastal inundation hazard

Wave runup limit (Rmax)

- Immediate
- 2040
- 2070
- 2120
- - - Wave overwash (dot lines)

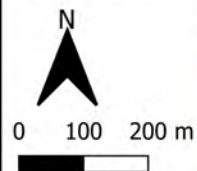
- Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position

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Data sources:  
Nearmap aerial (captured 16-11-2022)  
Topography/bathymetry 2018 LIDAR  
MHL Nearshore Wave Data  
Refer to main report for further details

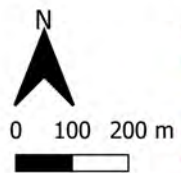
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### Byron embayment – coastal inundation hazard



- Wave runup limit (Rmax)
- Immediate
  - 2040
  - 2070
  - 2120
  - - - Wave overwash (dot lines)
- Outcrop/reef
  - Cadastre (white line)
  - Seawall/revetment

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position

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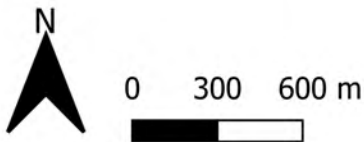
Data sources:  
 Nearmap aerial (captured 16-11-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details







### Tyagarah Beach – coastal inundation hazard



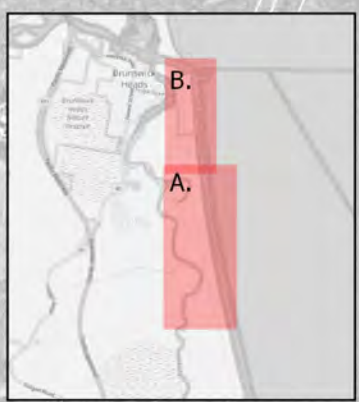
Data sources:  
 Nearmap aerial (captured 08-08-2018)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

- Wave runup limit (Rmax)
- Immediate
  - 2040
  - 2070
  - 2120
  - - - Wave overwash (dot lines)
  - Outcrop/reef
  - Cadastre (white line)
  - Seawall/revetment

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position.

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### North Tyagarah to Brunswick Heads – coastal inundation hazard



- Wave runup limit (Rmax)
  - Immediate
  - 2040
  - 2070
  - 2120
  - - - Wave overwash (dot lines)
- ▨ Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position.

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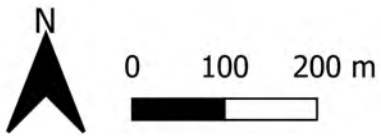
Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details







### North Head to New Brighton Beach – coastal inundation



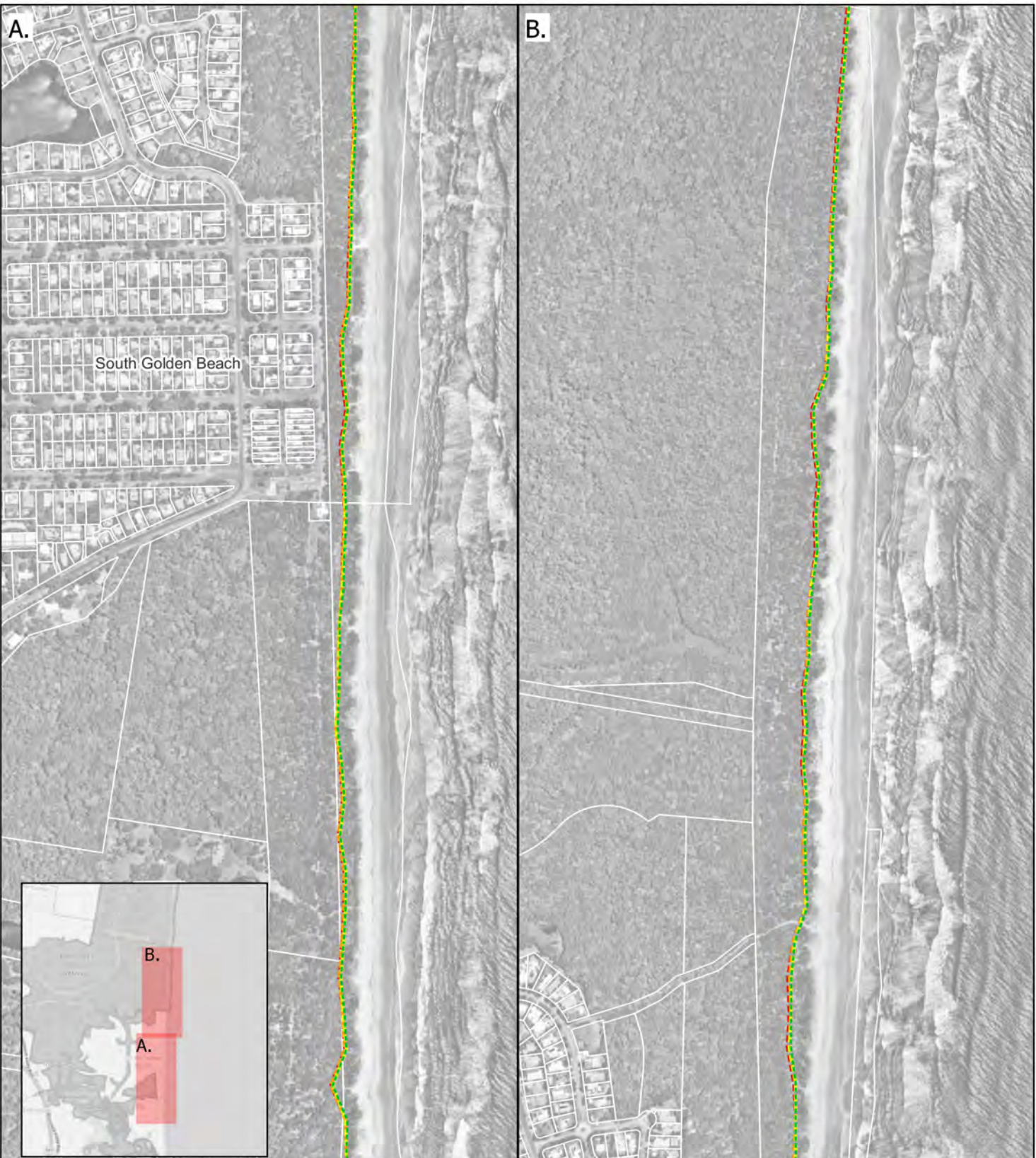
- Wave runup limit (Rmax)
  - Immediate
  - 2040
  - 2070
  - 2120
  - - - Wave overwash (dot lines)
- ▨ Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for future details

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position.

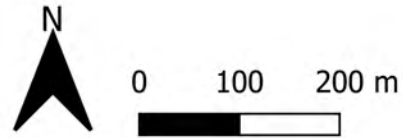
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**South Golden Beach – coastal inundation hazard**

- Wave runup limit (Rmax)
- Immediate
  - 2040
  - 2070
  - 2120
  - - - Wave overrun (dot lines)
- Outcrop/reef  
 — Cadastre (white line)  
 — Seawall/revetment



Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

Inundation extents based on 29-year hindcast using empirical wave runup (R2%, max) and bore propagation (overwash) formulate. Allowance for sea level rise included. No allowance for possible future changes to dune height/position.  
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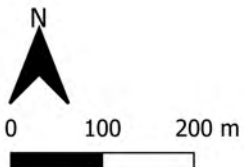


## Belongil Beach – 100-year ARI coastal inundation hazard Immediate

Maximum water depth (m)

- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2.5

- Outcrop/reef
- Cadastrate (white line)
- Seawall/revetment



Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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Data sources:  
Nearmap aerial (captured 16-11-2022)  
Topography/bathymetry 2018 LIDAR  
MHL Nearshore Wave Data  
Refer to main report for further details

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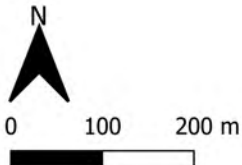


**Belongil Beach – 100-year ARI coastal inundation hazard  
2050 (SLR +0.23m)**

Maximum water depth (m)

- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2.5

- ▨ Outcrop/reef
- Cadastre (white line)
- Seawall/revetment



Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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Data sources:  
Nearmap aerial (captured 16-11-2022)  
Topography/bathymetry 2018 LIDAR  
MHL Nearshore Wave Data  
Refer to main report for further details

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**Belongil Beach – 100-year ARI coastal inundation hazard  
2120 (SLR +0.93m)**

Maximum water depth (m)

- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2.5

- Outcrop/reef
- Cadastrate (white line)
- Seawall/revetment

Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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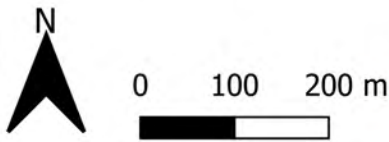
Data sources:  
Nearmap aerial (captured 16-11-2022)  
Topography/bathymetry 2018 LIDAR  
MHL Nearshore Wave Data  
Refer to main report for further details

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### New Brighton Beach – 100-year ARI coastal inundation hazard Immediate



Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

- Maximum water depth (m)
- 0.05 - 0.1
  - 0.1 - 0.25
  - 0.25 - 0.5
  - 0.5 - 0.75
  - 0.75 - 1
  - 1 - 1.5
  - 1.5 - 2.5
- ▨ Outcrop/reef
  - Cadastre (white line)
  - Seawall/revetment

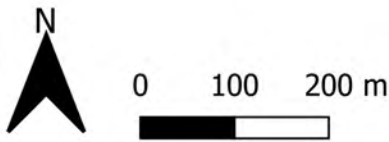
Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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**New Brighton Beach – 100-year ARI coastal inundation hazard  
2050 (SLR +0.23m)**



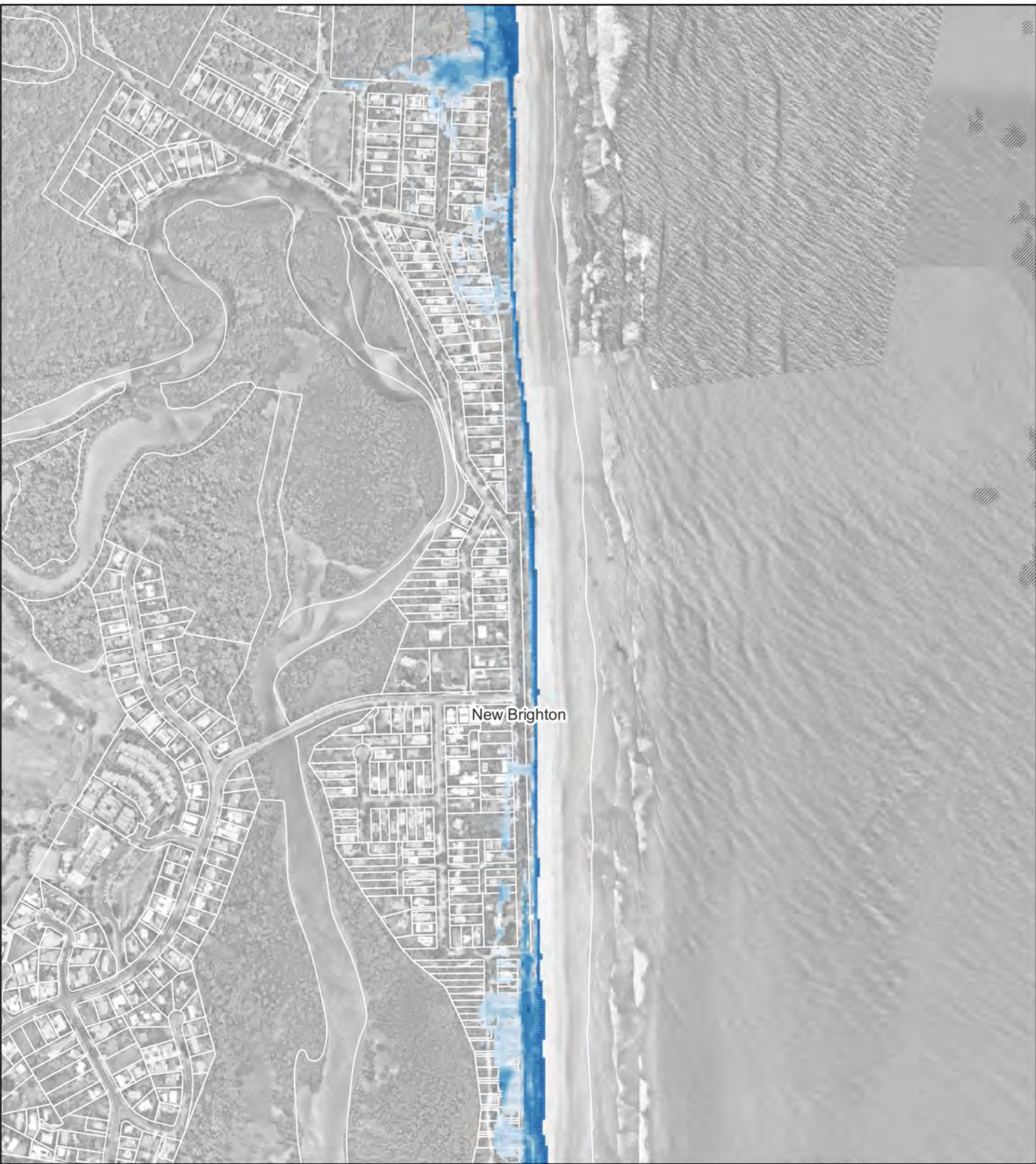
Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

- Maximum water depth (m)
- 0.05 - 0.1
  - 0.1 - 0.25
  - 0.25 - 0.5
  - 0.5 - 0.75
  - 0.75 - 1
  - 1 - 1.5
  - 1.5 - 2.5
- ▨ Outcrop/reef
  - Cadastre (white line)
  - Seawall/revetment

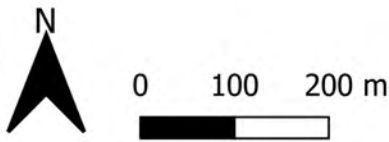
Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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**New Brighton Beach – 100-year ARI coastal inundation hazard  
2120 (SLR +0.93m)**



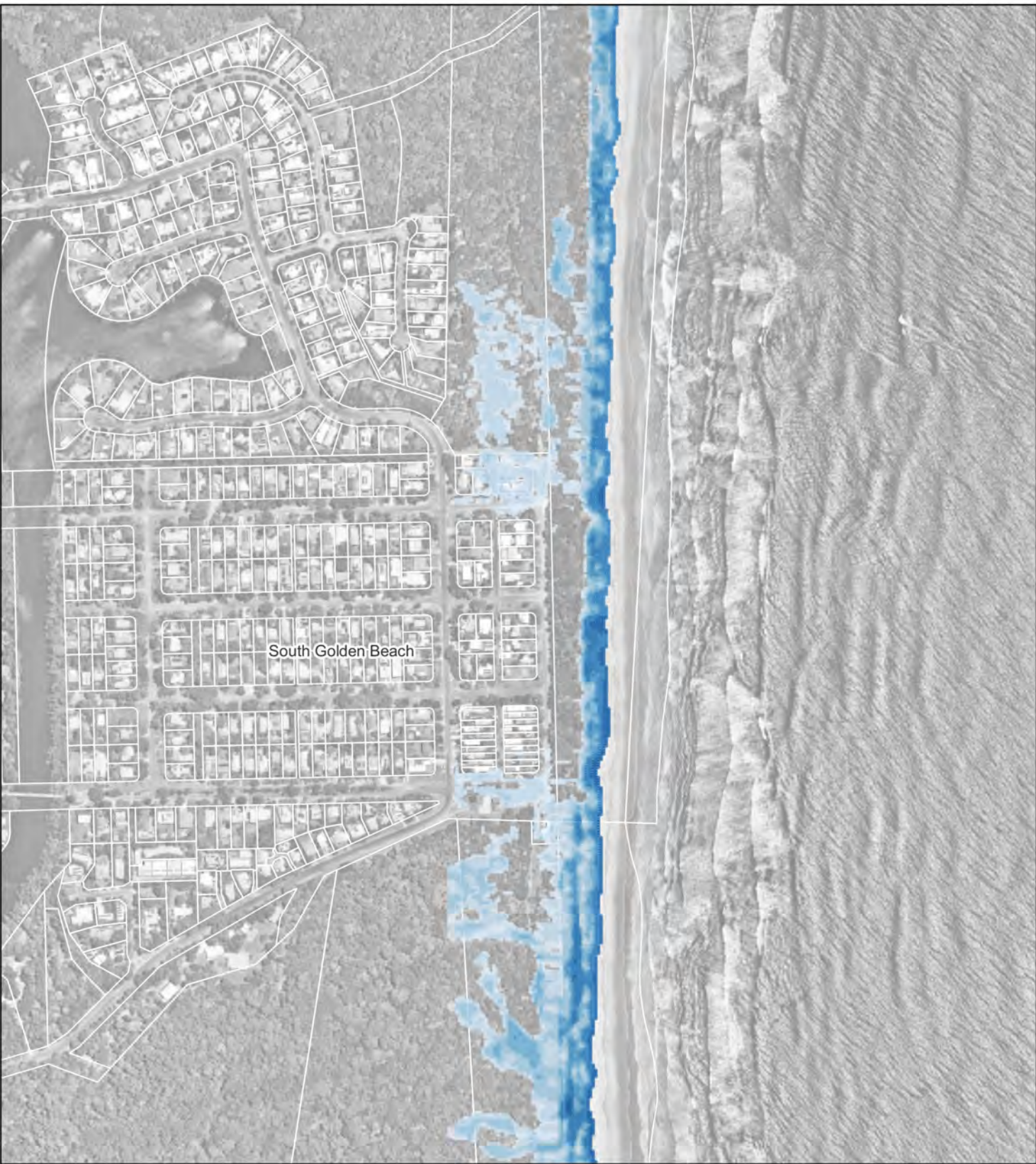
Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

- Maximum water depth (m)
- 0.05 - 0.1
  - 0.1 - 0.25
  - 0.25 - 0.5
  - 0.5 - 0.75
  - 0.75 - 1
  - 1 - 1.5
  - 1.5 - 2.5
- ▨ Outcrop/reef
  - Cadastre (white line)
  - Seawall/revetment

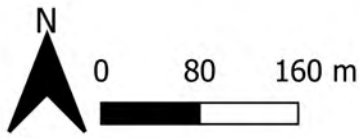
Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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## South Golden Beach – 100-year ARI coastal inundation hazard Immediate



Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

Maximum water depth (m)

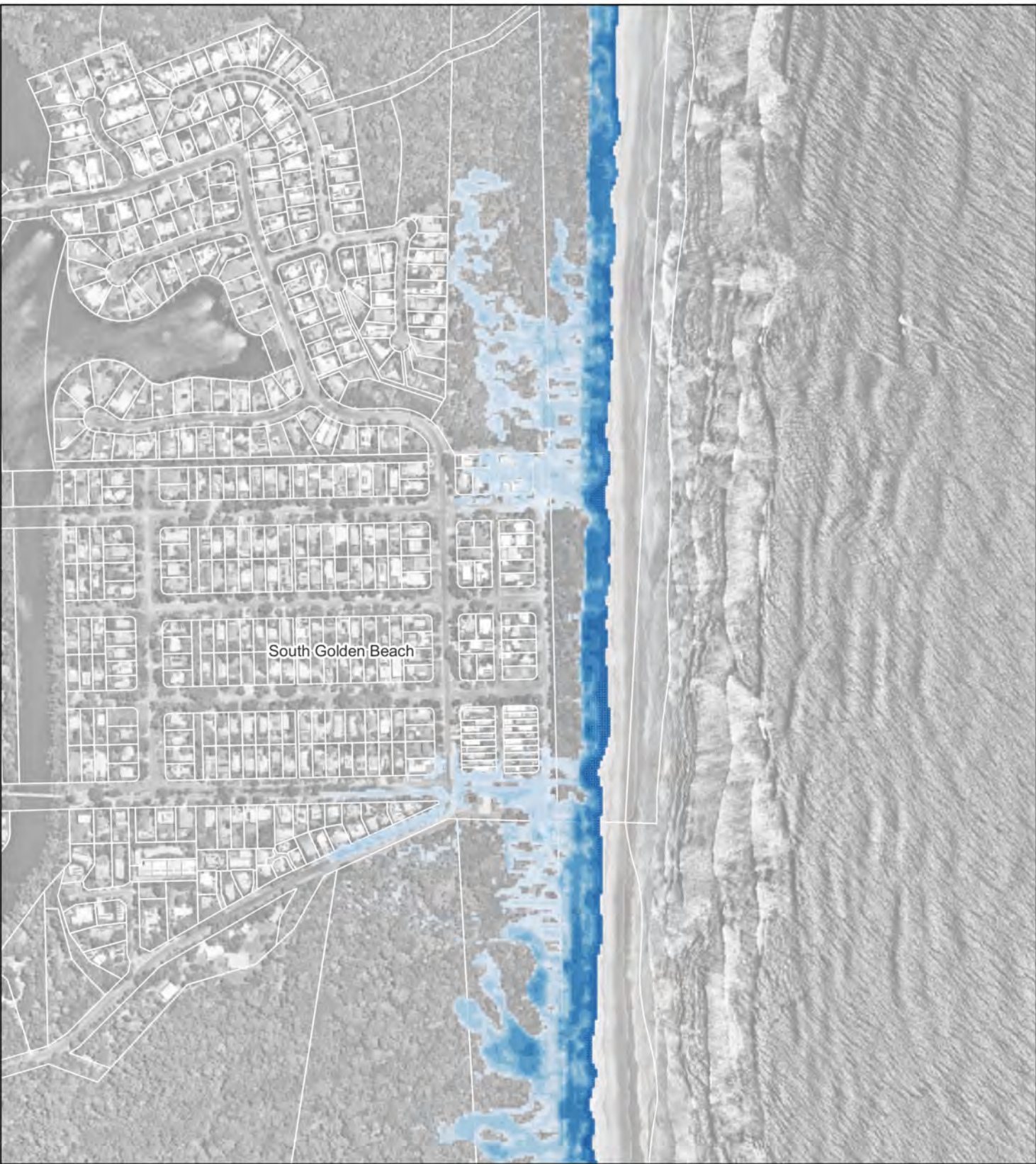
- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2.5

- Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

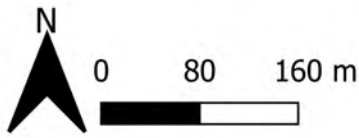
Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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### South Golden Beach – 100-year ARI coastal inundation hazard 2050 (SLR +0.23m)



Maximum water depth (m)

- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2.5

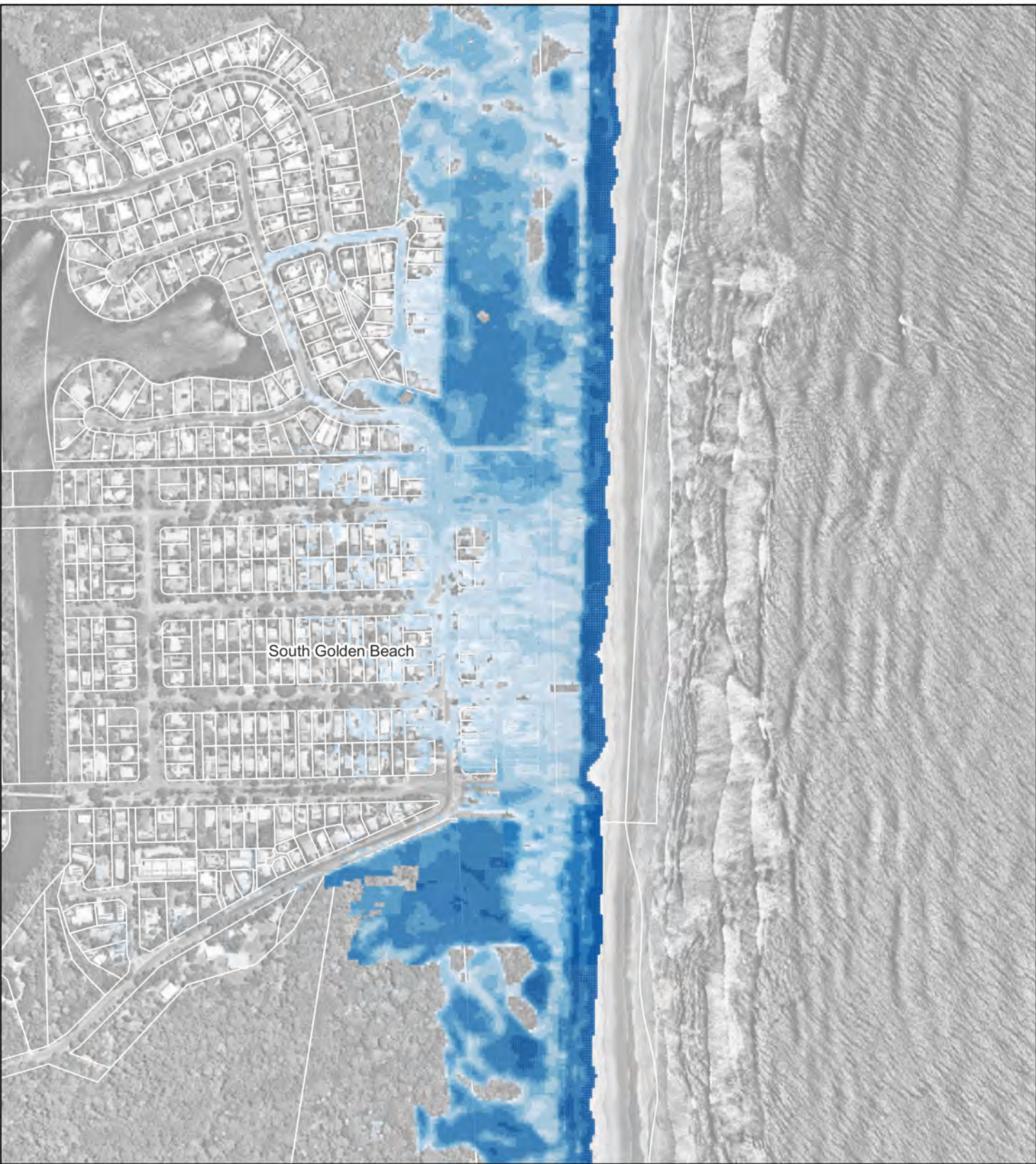
- ▨ Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

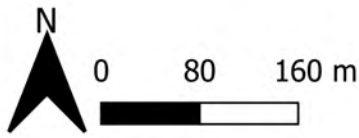
Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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**South Golden Beach – 100-year ARI coastal inundation hazard  
2120 (SLR +0.93m)**



Maximum water depth (m)

- 0.05 - 0.1
- 0.1 - 0.25
- 0.25 - 0.5
- 0.5 - 0.75
- 0.75 - 1
- 1 - 1.5
- 1.5 - 2.5

- Outcrop/reef
- Cadastre (white line)
- Seawall/revetment

Data sources:  
 Nearmap aerial (captured 06-12-2022)  
 Topography/bathymetry 2018 LIDAR  
 MHL Nearshore Wave Data  
 Refer to main report for further details

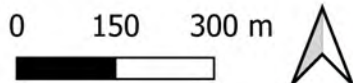
Inundation extents based on detailed coastal inundation assessment using XBeach model. No allowance for possible future changes to dune height/position.

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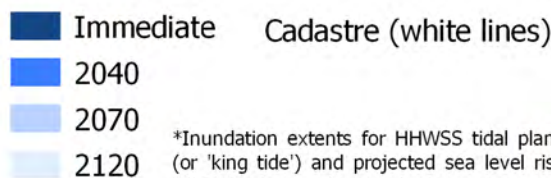


## Tidal inundation extent - Tallow Creek



Basemap: ESRI Standard

### Planning periods

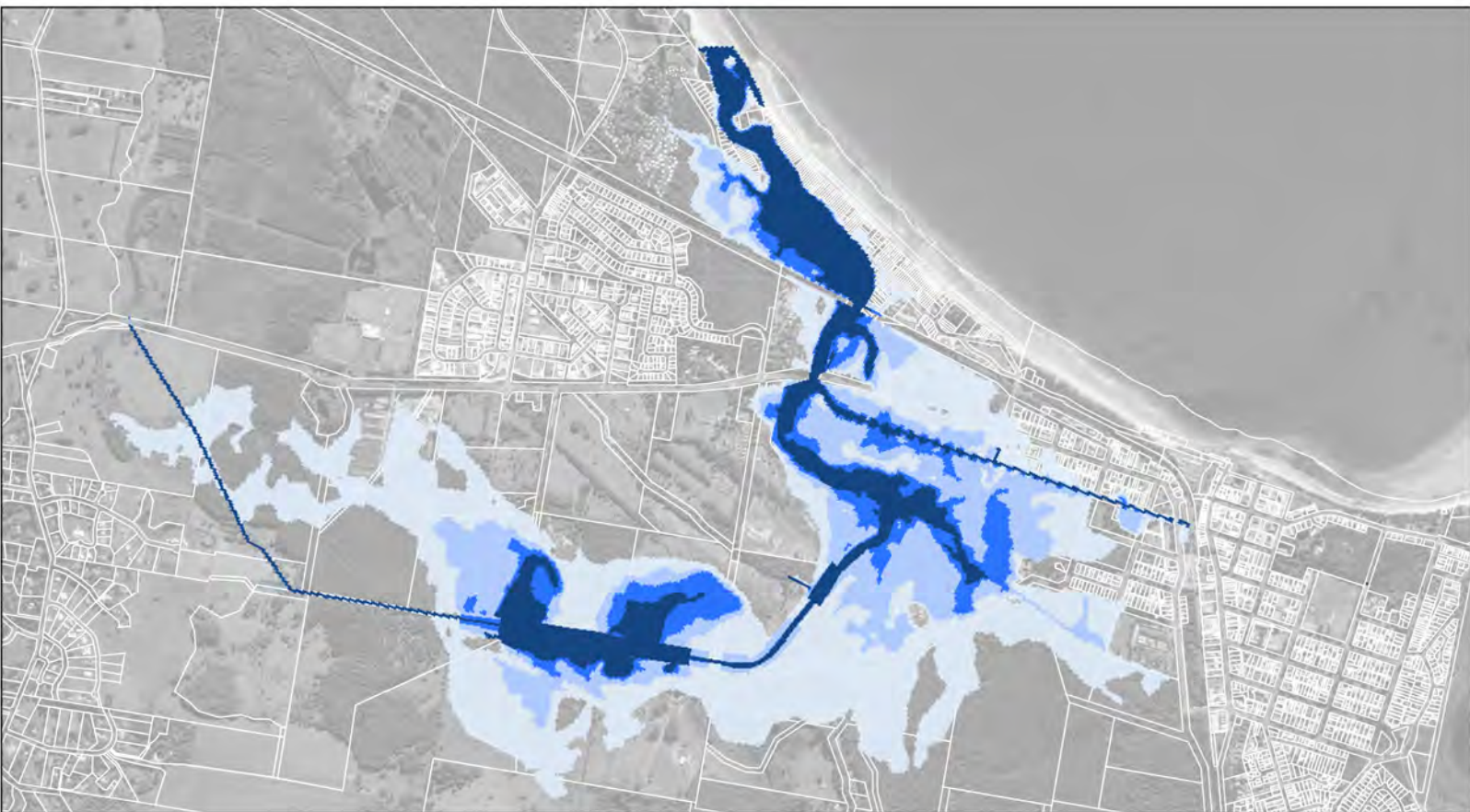


\*Inundation extents for HHWSS tidal plane (or 'king tide') and projected sea level rise (SLR) for future planning horizons.

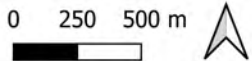
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### Tidal inundation extent - Belongil Creek



Basemap: ESRI Standard

#### Planning periods

- Immediate
- 2040
- 2070
- 2120

Cadastral (white lines)

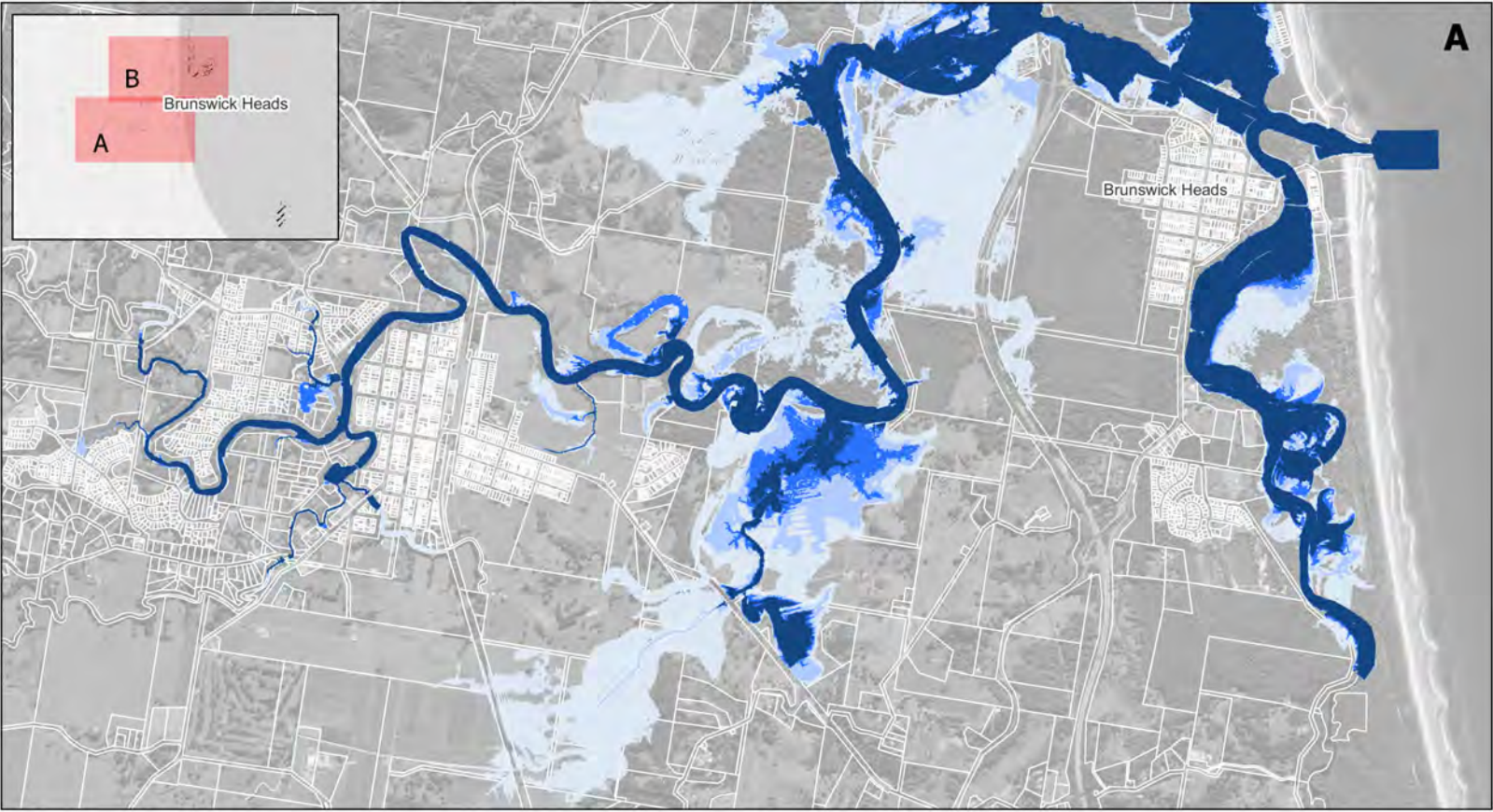
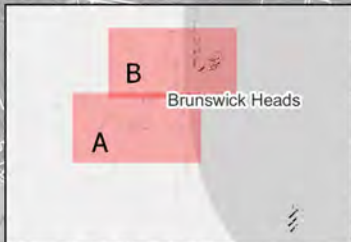
\*Inundation extents for HHWS tidal plane (or 'king tide') and projected sea level rise (SLR) for future planning horizons.

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A



0 300 600 m



Basemap: ESRI Standard

### Tidal inundation extent- Brunswick River (south)

Planning periods

- Immediate
- 2040
- 2070
- 2120

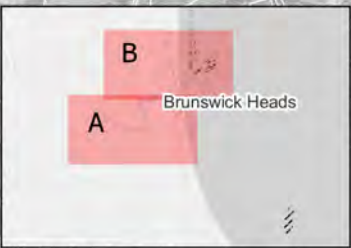
Cadastre (white lines)

\*Inundation extents for HHWS tidal plane (or 'king tide') and projected sea level rise (SLR) for future planning horizons.

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**Tidal inundation extent- Brunswick River (north)**

0 300 600 m



Basemap: ESRI Standard

**Planning periods**

-  Immediate
-  2040
-  2070
-  2120

Cadastre (white lines)

\*Inundation extents for HHWS tidal plane (or 'king tide') and projected sea level rise (SLR) for future planning horizons.

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