

# Outer Dowsing Offshore Wind

## Noise Bund Hydraulic Modelling Report,

### Appendix C Figures (Part 4 of 4)

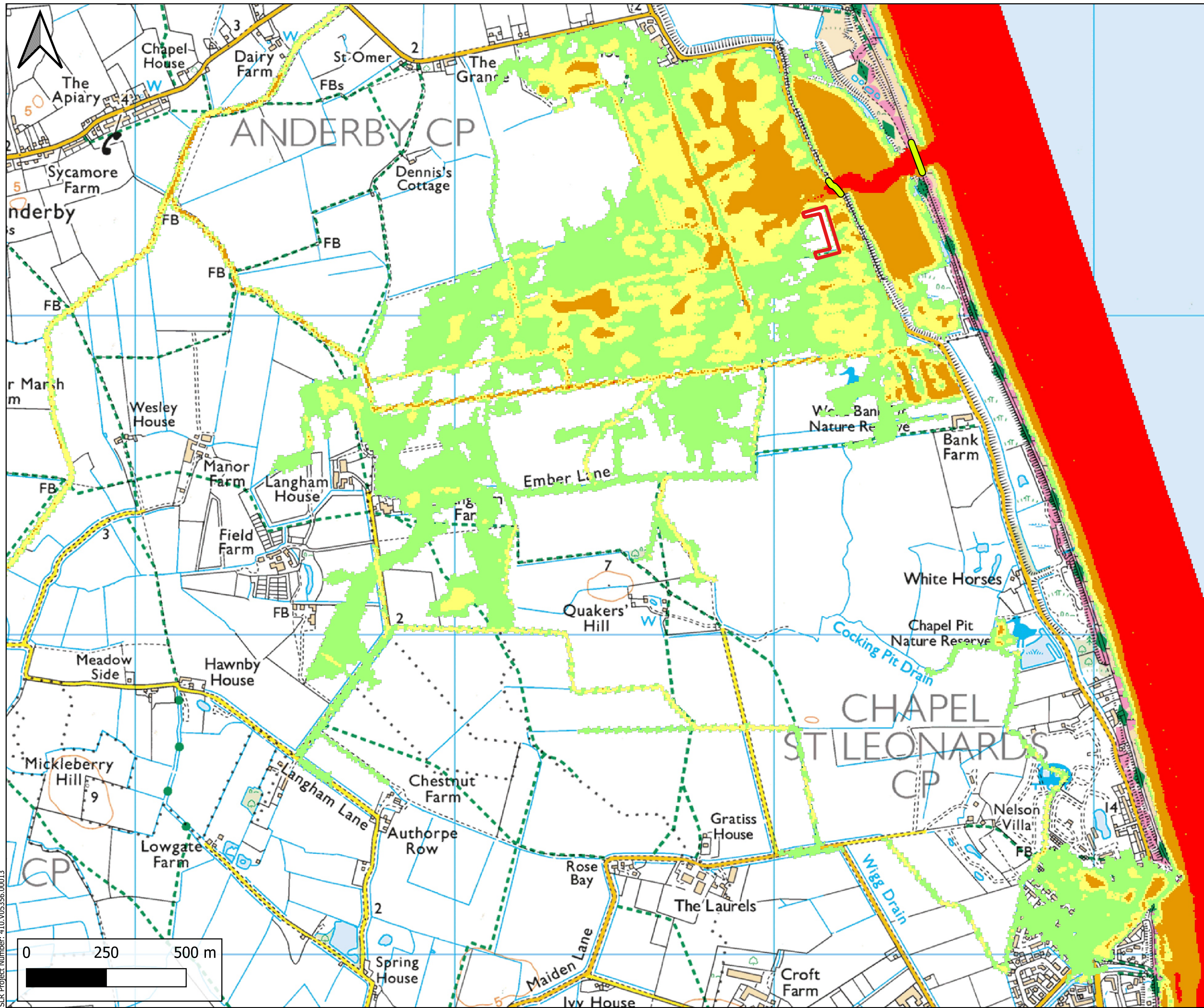
Procedural Deadline 19 September

Date: September 2024

Document Reference: 15.7A

Rev: 1.0

Company:		<b>Outer Dowsing Offshore Wind</b>		Asset:		<b>Whole Asset</b>	
Project:		<b>Whole Wind Farm</b>		Sub Project/Package:		Whole Asset	
Document Title or Description:		Noise Bund Hydraulic Modelling Report Appendix C Figures (Part 4 of 4)					
Internal Document Number:		PP1-ODOW-DEV-CS-REP-0223-04		3 <sup>rd</sup> Party Doc No (If applicable):		N/A	
Rev No.	Date	Status / Reason for Issue	Author	Checked by	Reviewed by	Approved by	
1.0	September 2024	Procedural Deadline 19 September	SLR	Outer Dowsing	Shepherd & Wedderburn	Outer Dowsing	



**LEGEND**

- Temporary Noise Bund
- Breach Location

**Flood Hazard Rating**

- <= 0.75
- 0.75 - 1.25
- 1.25 - 2.00
- > 2.00

Ordnance Survey(OS) 1:25000  
Raster Basemap



**Figure No. 37**

Project  
Outer Dowsing Offshore Wind -  
Noise Bund Breach Modelling

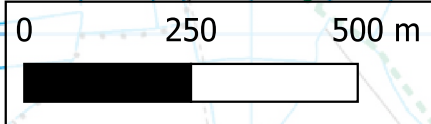
Client  
Outer Dowsing Offshore Wind



**Maximum Flood Hazard  
1:1000yr Breach 2  
Proposed Scenario**

Scale A3	Version 1.0	Date July 2024
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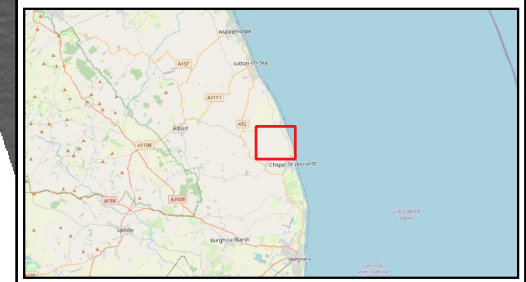
SLR Project Number: 410.V05356.00013





**LEGEND**

- Temporary Noise Bund
- Breach Location
- Difference in Depth (m)
- <= -0.01
- 0.01 - 0.01
- 0.01 - 0.03
- 0.03 - 0.05
- 0.05 - 0.15
- Change in Conditions
- Was wet now dry
- Was dry now wet
- Google Satellite gray



**Figure No. 38**

Project  
**Outer Dowsing Offshore Wind -  
 Noise Bund Breach Modelling**

Client  
**Outer Dowsing Offshore Wind**

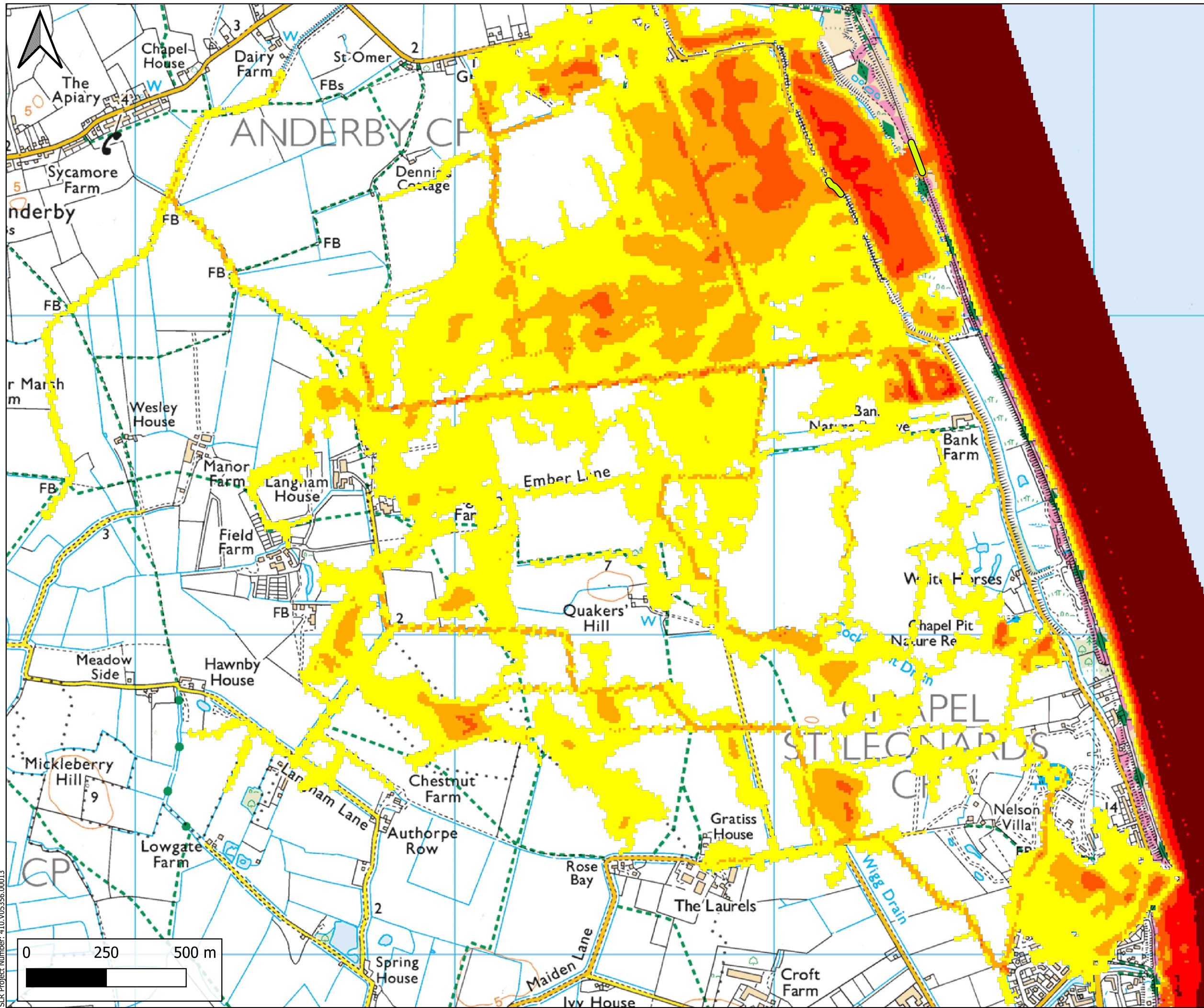


**Flood Depth Difference  
 1:1000yr Breach 2  
 Proposed Scenario**

Scale A3	Version 1.0	Date July 2024
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SLR Project Number: 410.V05356.00013





**LEGEND**

- Breach Location
- Maximum Flood Depth (m)
  - 0.00 - 0.25
  - 0.25 - 0.50
  - 0.50 - 1.00
  - 1.00 - 2.00
  - > 2.00

Ordnance Survey(OS) 1:25000  
Raster Basemap



**Figure No. 39**

Project  
Outer Dowsing Offshore Wind -  
Noise Bund Breach Modelling

Client  
Outer Dowsing Offshore Wind

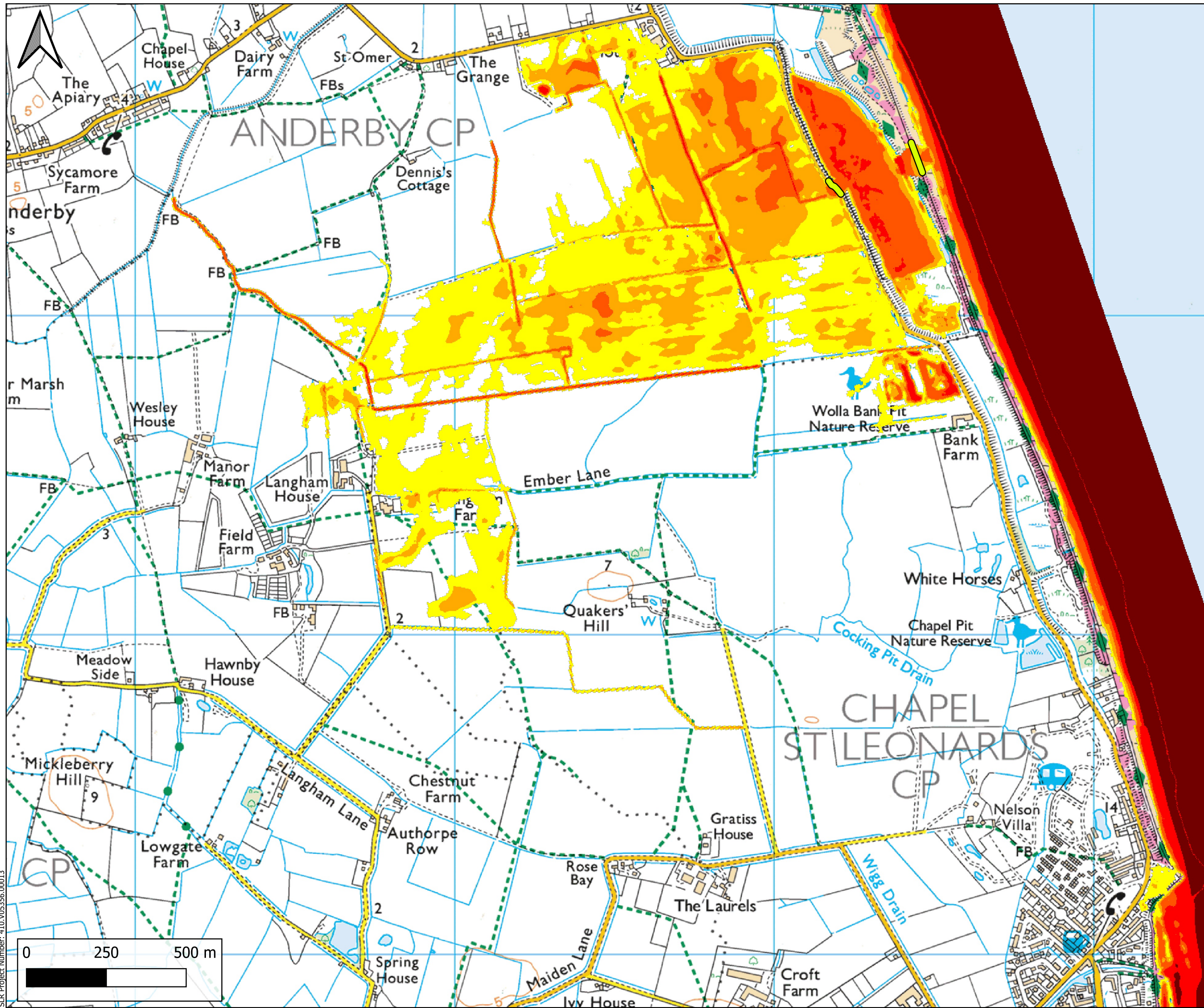


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**Sensitivity Analysis Grid Size  
15m Maximum Flood Depths  
1:1000yr+CC Breach 2  
Baseline Scenario**

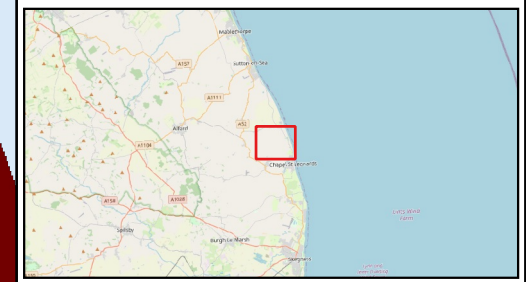
Scale A3	Version 1.0	Date July 2024
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SLR Project Number: 410.V05356.00013



**LEGEND**

- Breach Location
- Maximum Flood Depth (m)
  - 0.00 - 0.25
  - 0.25 - 0.50
  - 0.50 - 1.00
  - 1.00 - 2.00
  - > 2.00
- Ordnance Survey(OS) 1:25000 Raster Basemap



**Figure No. 40**

Project  
Outer Dowsing Offshore Wind - Noise Bund Breach Modelling

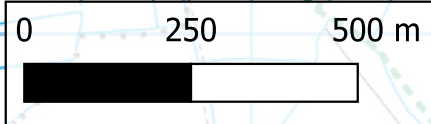
Client  
Outer Dowsing Offshore Wind

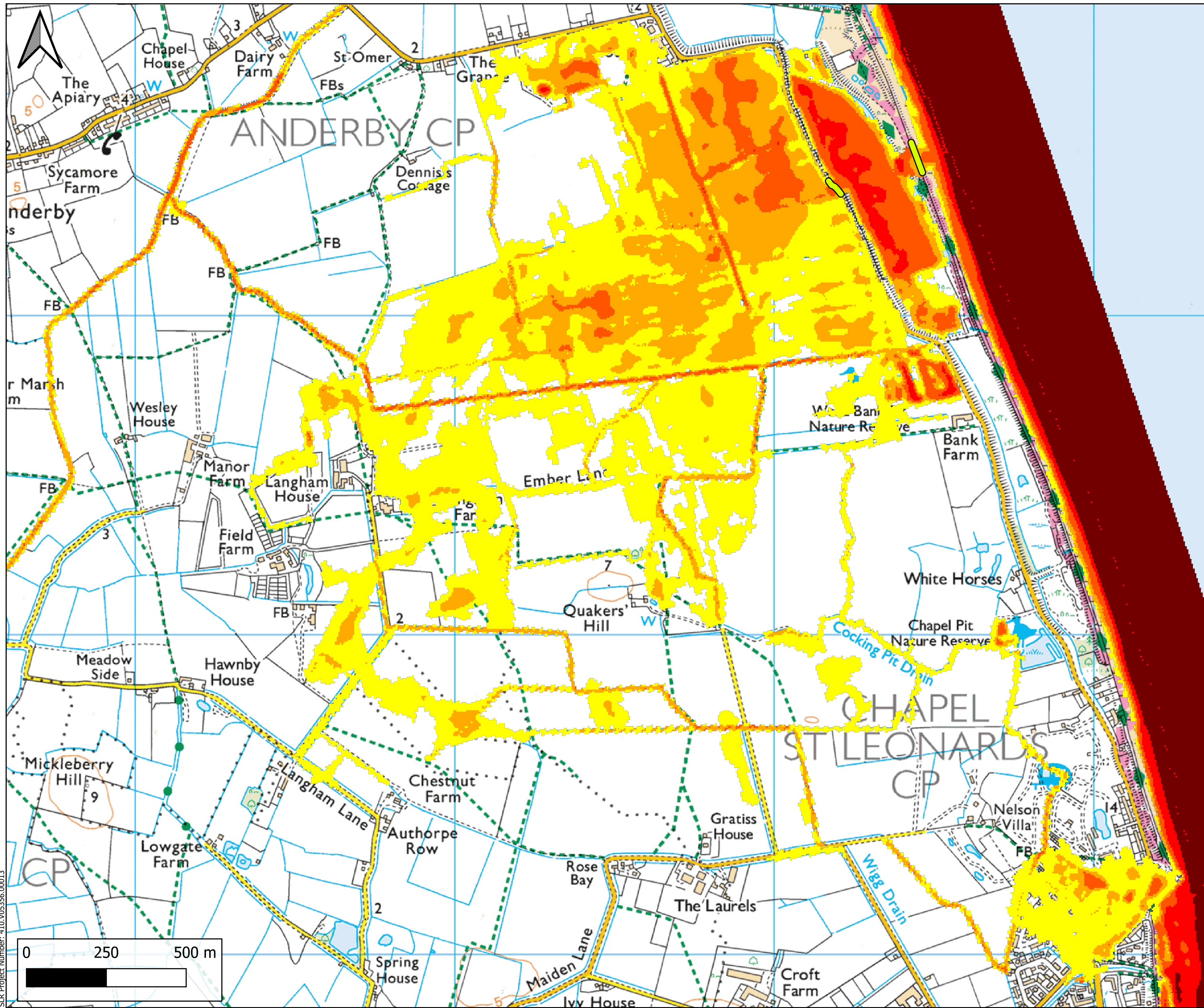
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**Sensitivity Analysis Grid Size  
5m Maximum Flood Depths  
1:1000yr+CC Breach 2  
Baseline Scenario**

Scale A3	Version 1.0	Date July 2024
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**LEGEND**

- Breach Location
- Maximum Flood Depth (m)
  - 0.00 - 0.25
  - 0.25 - 0.50
  - 0.50 - 1.00
  - 1.00 - 2.00
  - > 2.00
- Ordnance Survey(OS) 1:25000 Raster Basemap



**Figure No. 41**

Project  
Outer Dowsing Offshore Wind - Noise Bund Breach Modelling

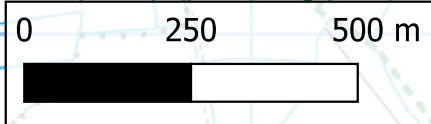
Client  
Outer Dowsing Offshore Wind

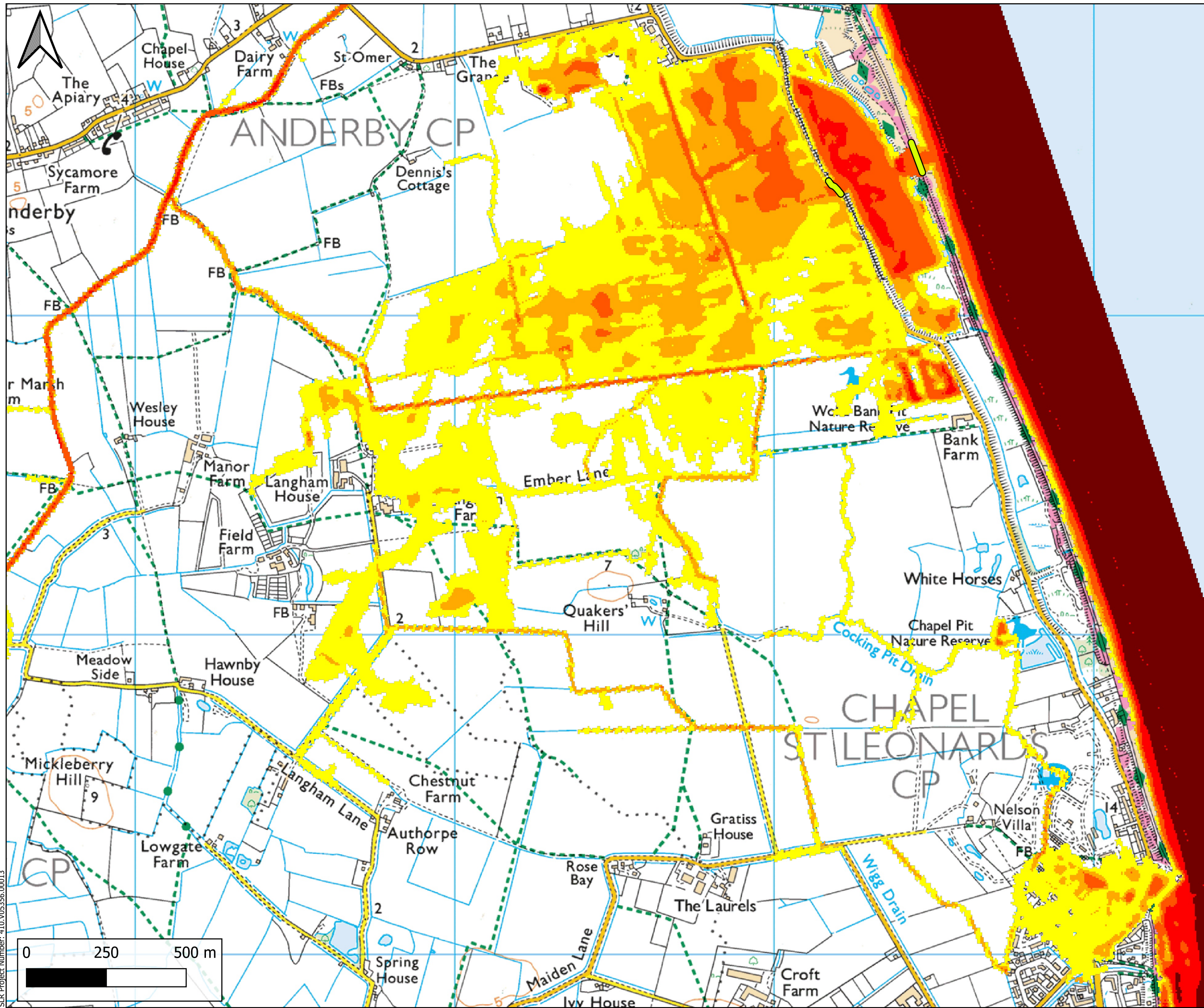
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**Sensitivity Analysis**  
**Manning's Roughness -20%**  
**Maximum Flood Depths**  
**1:1000yr+CC Breach 2**  
**Baseline Scenario**

Scale A3	Version 1.0	Date July 2024
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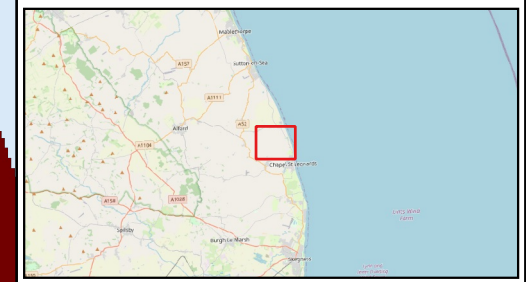
SLR Project Number: 410.V05356.00013





**LEGEND**

- Breach Location
- Maximum Flood Depth (m)
  - 0.00 - 0.25
  - 0.25 - 0.50
  - 0.50 - 1.00
  - 1.00 - 2.00
  - > 2.00
- Ordnance Survey(OS) 1:25000 Raster Basemap



**Figure No. 42**

Project  
Outer Dowsing Offshore Wind - Noise Bund Breach Modelling

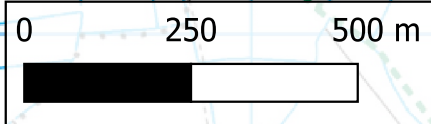
Client  
Outer Dowsing Offshore Wind

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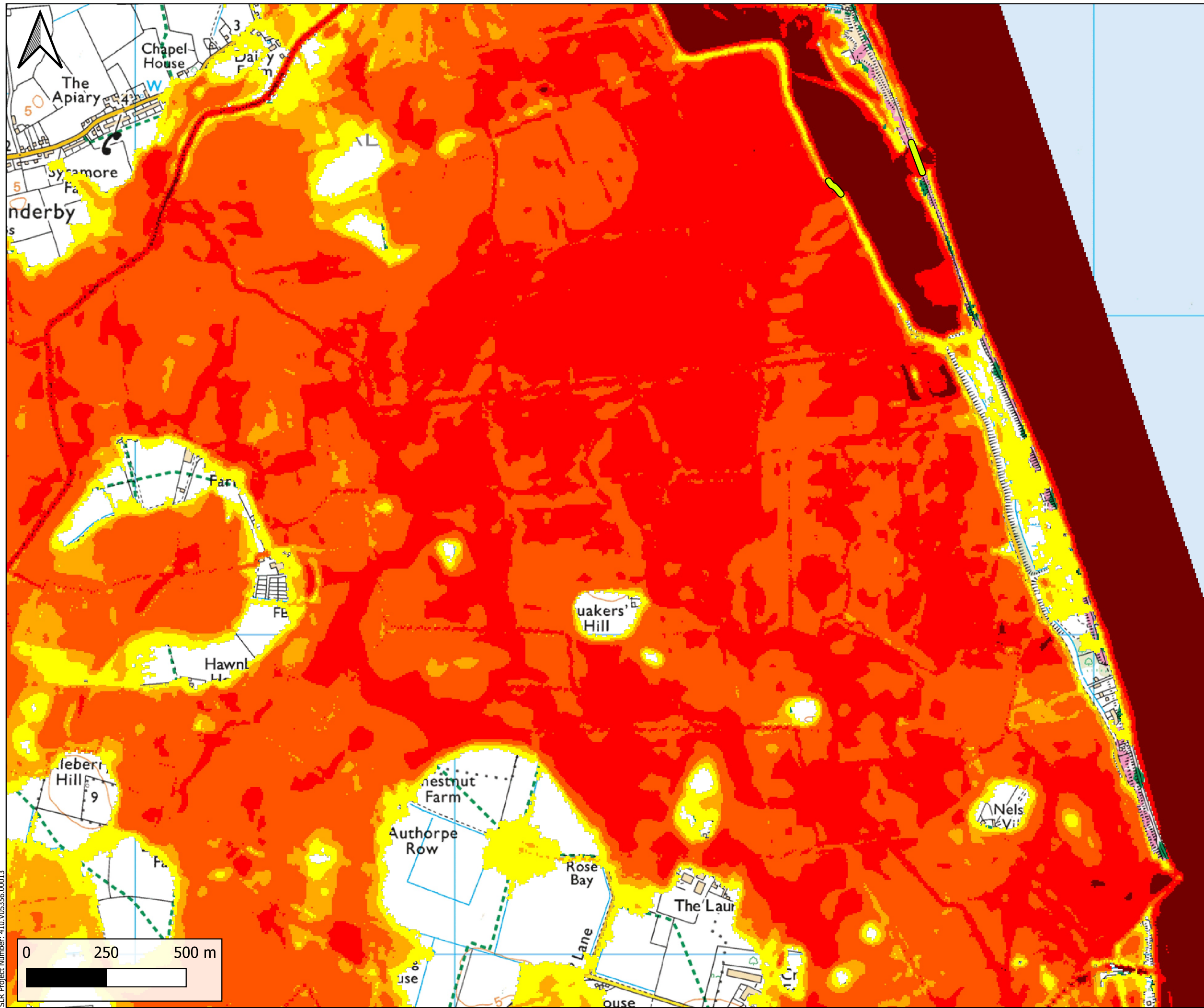
**Sensitivity Analysis**  
**Manning's Roughness +20%**  
**Maximum Flood Depths**  
**1:1000yr+CC Breach 2**  
**Baseline Scenario**

Scale A3	Version 1.0	Date July 2024
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SLR Project Number: 410.V05356.00013







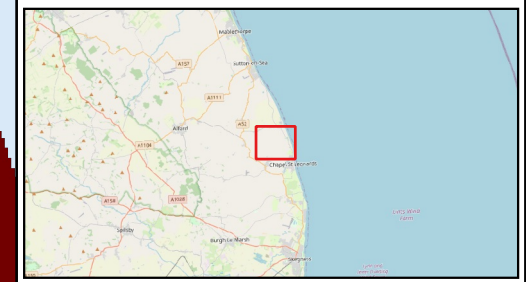
**LEGEND**

Breach Location

Maximum Flood Depth (m)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- > 2.00

Ordnance Survey(OS) 1:25000  
Raster Basemap



**Figure No. 43**

Project  
Outer Dowsing Offshore Wind -  
Noise Bund Breach Modelling

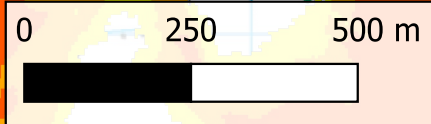
Client  
Outer Dowsing Offshore Wind

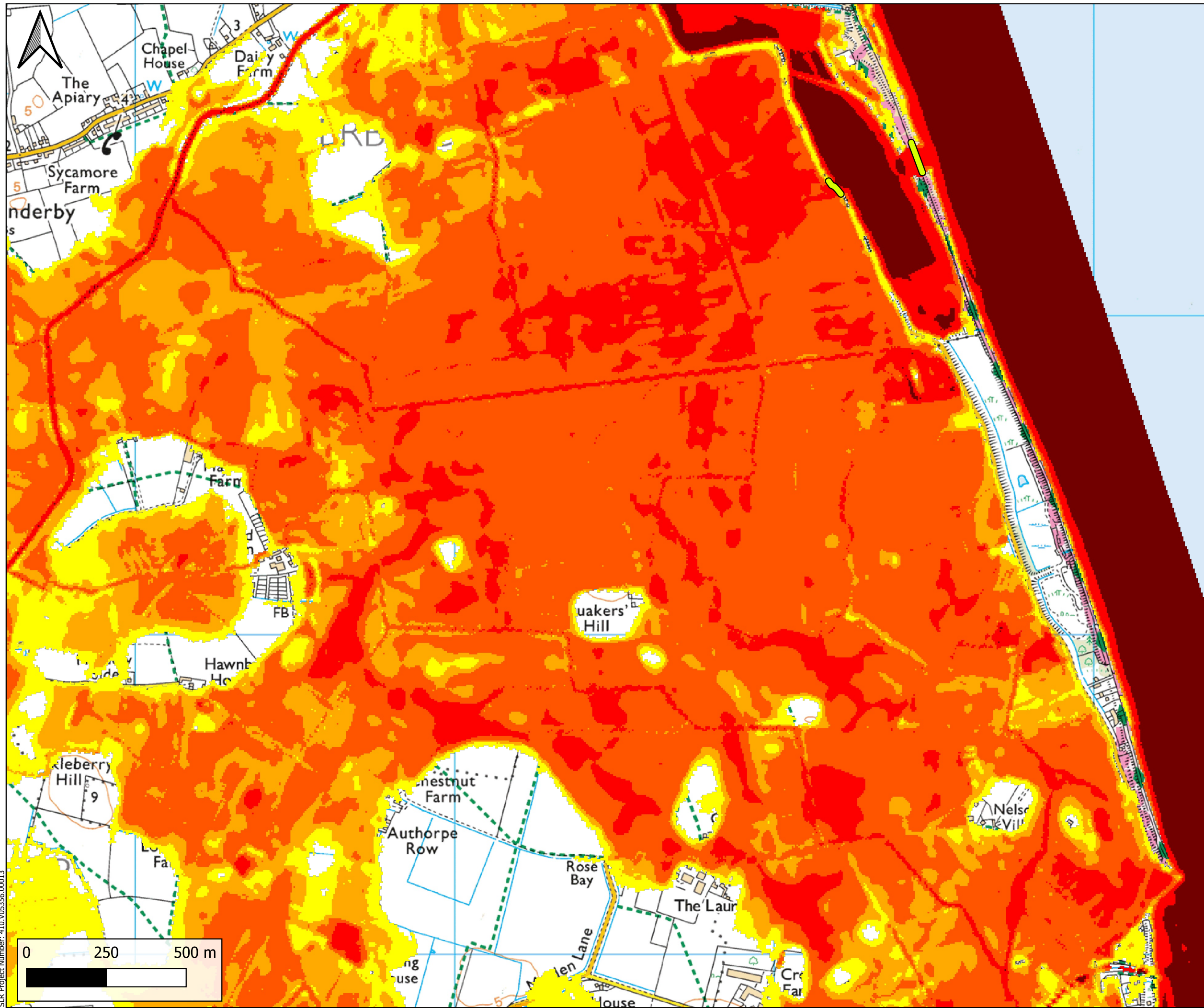


**Sensitivity Analysis H++  
Climate Change Allowances  
Maximum Flood Depths  
1:1000yr Breach 2  
Baseline Scenario**

Scale A3	Version 1.0	Date July 2024
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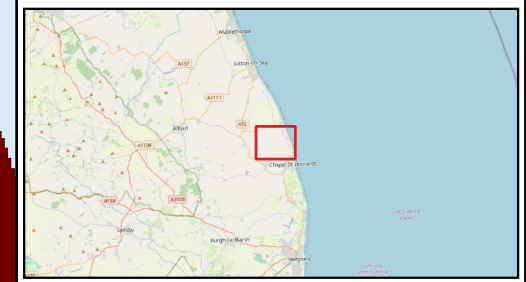
**LEGEND**

- Breach Location

Maximum Flood Depth (m)

- 0.00 - 0.25
- 0.25 - 0.50
- 0.50 - 1.00
- 1.00 - 2.00
- > 2.00

Ordnance Survey(OS) 1:25000  
Raster Basemap



**Figure No. 44**

Project  
Outer Dowsing Offshore Wind -  
Noise Bund Breach Modelling

Client  
Outer Dowsing Offshore Wind



**Sensitivity Analysis H++  
Climate Change Allowances  
Maximum Flood Depths  
1:200yr Breach 2  
Baseline Scenario**

Scale A3	Version 1.0	Date July 2024
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SLR Project Number: 410.V05356.00013

