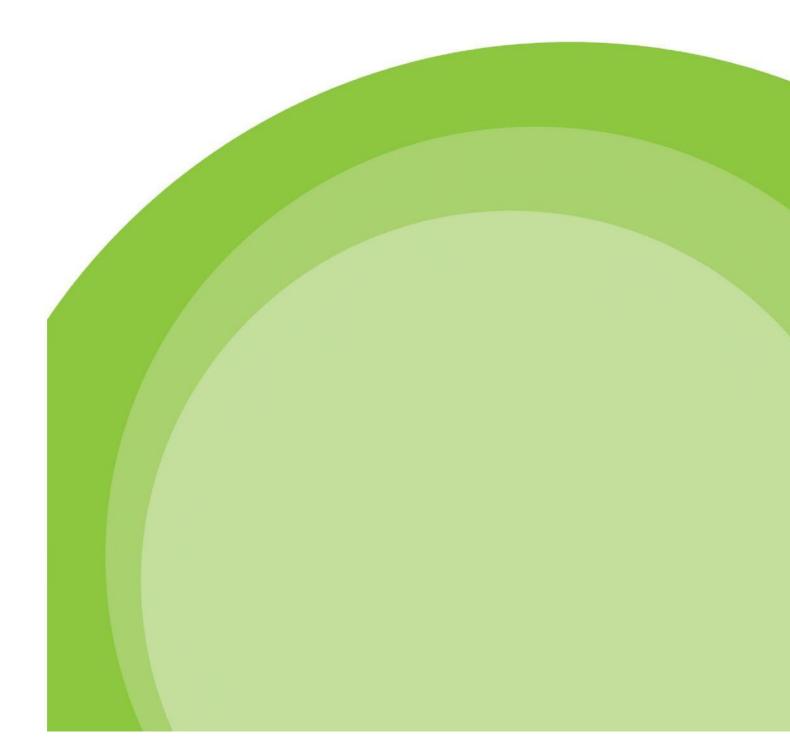
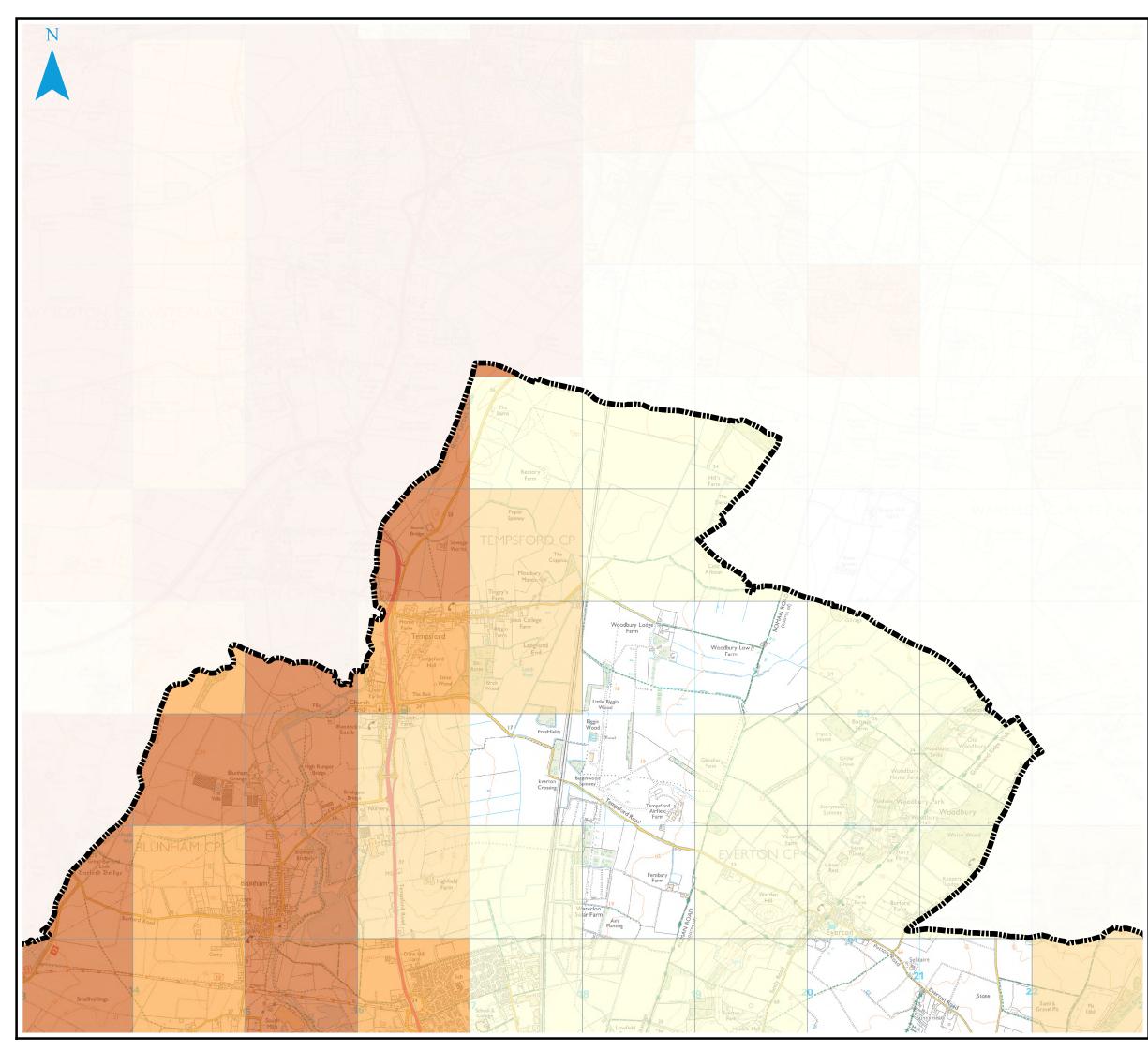
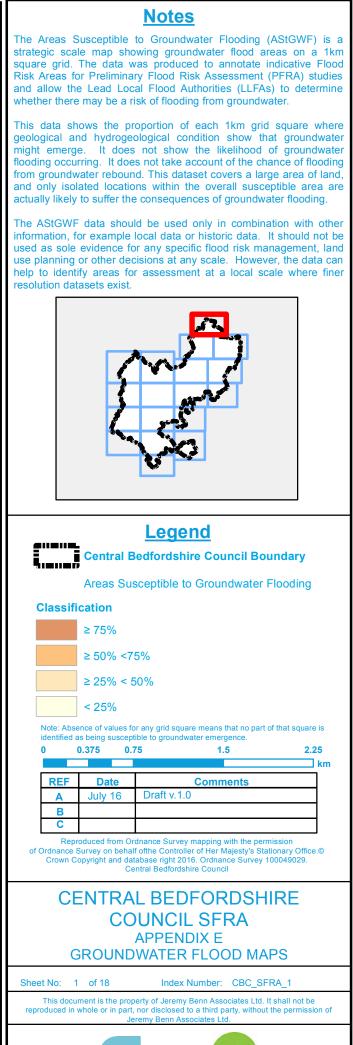
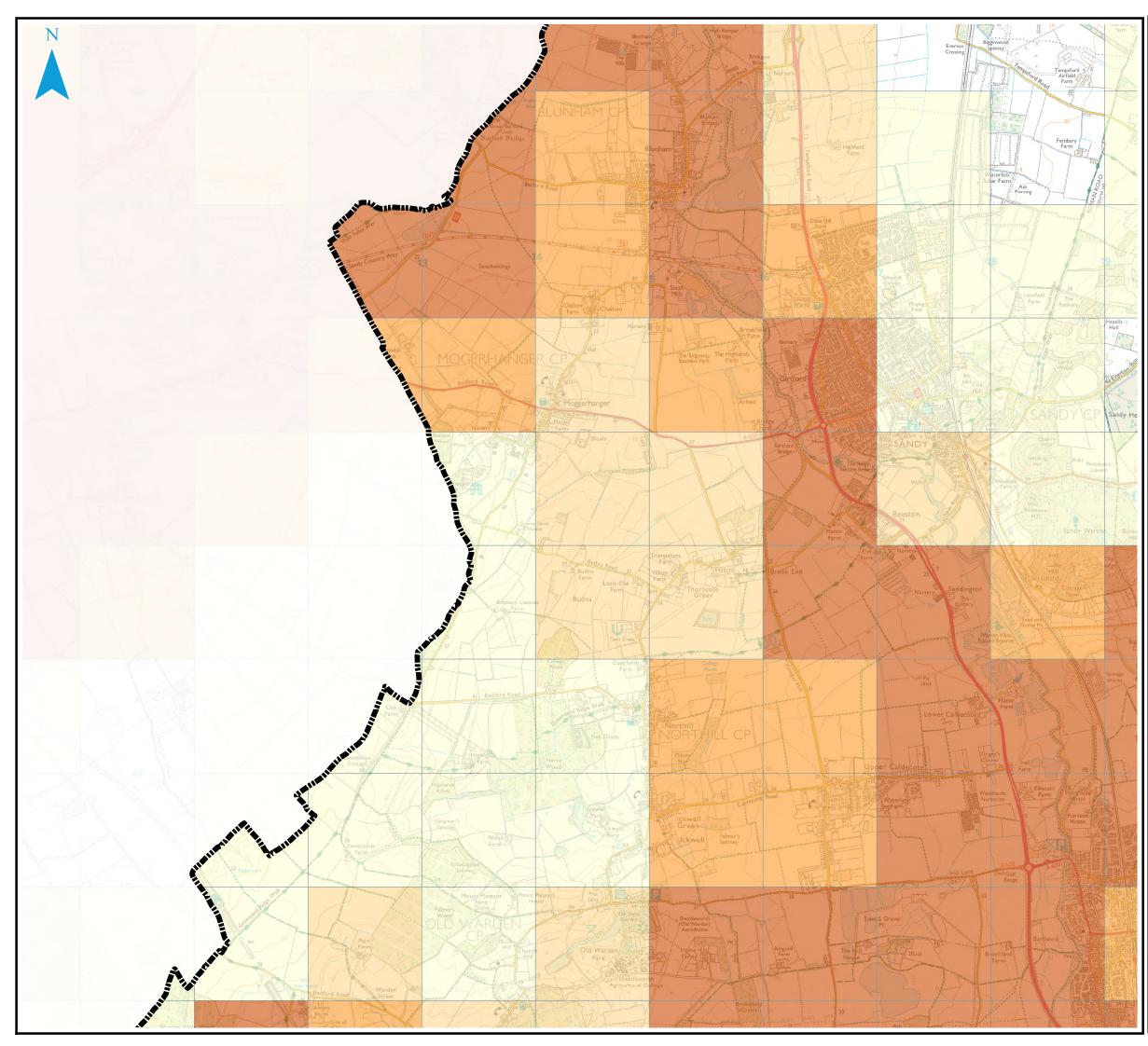


# **Appendix E: Groundwater Flooding**





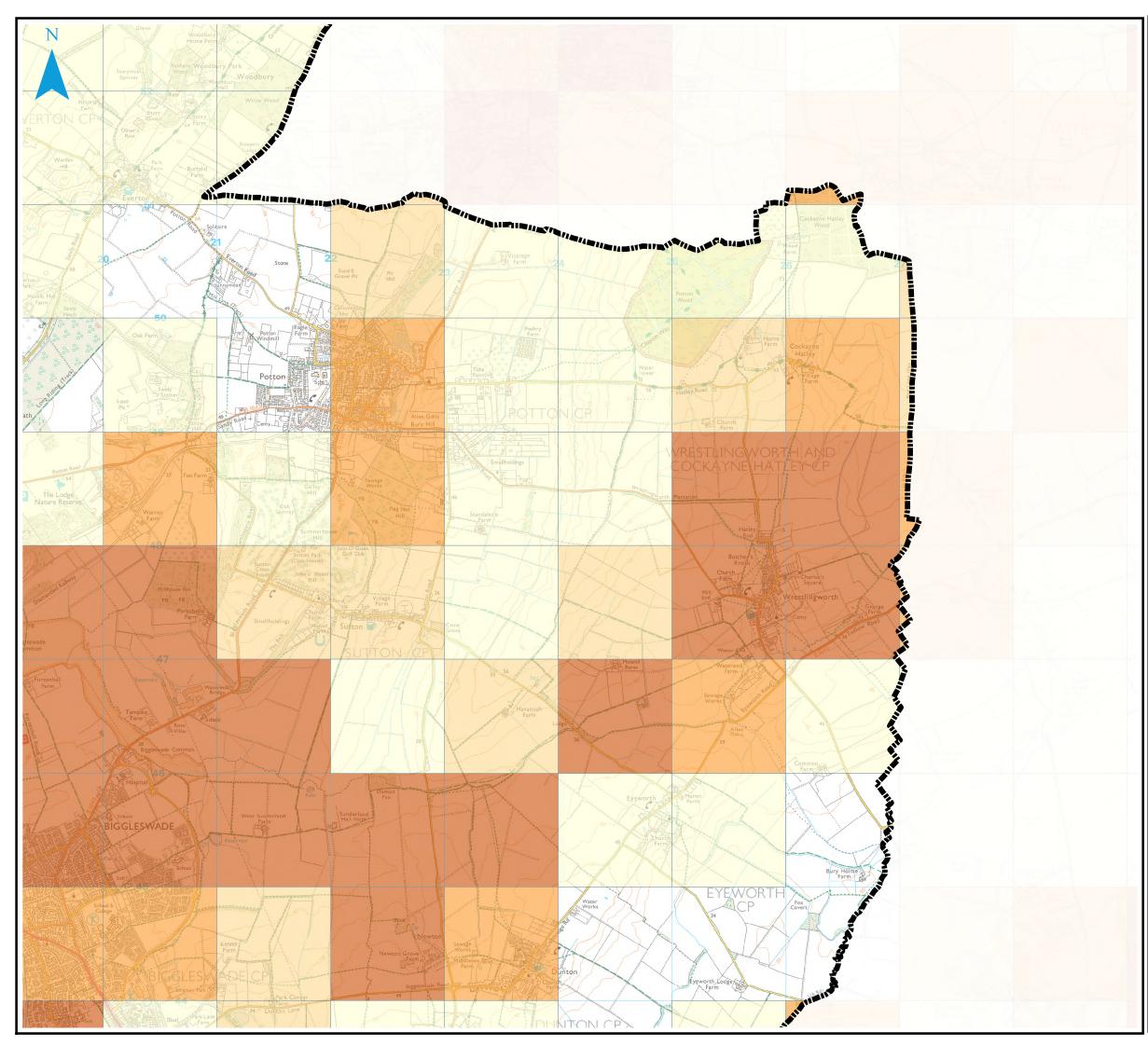




#### <u>Notes</u> The Areas Susceptible to Groundwater Flooding (AStGWF) is a strategic scale map showing groundwater flood areas on a 1km square grid. The data was produced to annotate indicative Flood Risk Areas for Preliminary Flood Risk Assessment (PFRA) studies and allow the Lead Local Flood Authorities (LLFAs) to determine whether there may be a risk of flooding from groundwater. This data shows the proportion of each 1km grid square where geological and hydrogeological condition show that groundwater might emerge. It does not show the likelihood of groundwater flooding occurring. It does not take account of the chance of flooding from groundwater rebound. This dataset covers a large area of land, and only isolated locations within the overall susceptible area are actually likely to suffer the consequences of groundwater flooding. The AStGWF data should be used only in combination with other information, for example local data or historic data. It should not be used as sole evidence for any specific flood risk management, land use planning or other decisions at any scale. However, the data can help to identify areas for assessment at a local scale where finer resolution datasets exist. Legend Central Bedfordshire Council Boundary Areas Susceptible to Groundwater Flooding Classification ≥ 75% ≥ 50% <75% ≥ 25% < 50% < 25% Note: Absence of values for any grid square means that no part of that square is identified as being susceptible to 0 0.35 0.7 1.4 2.1 🗌 km Date REF Comment July 16 Draft v.1.0 Α В С Reproduced from Ordnance Survey mapping with the permission of Ordnance Survey on behalf ofthe Controller of Her Majesty's Stationary Office.© Crown Copyright and database right 2016. Ordnance Survey 100049029. Central Bedfordshire Council **CENTRAL BEDFORDSHIRE COUNCIL SFRA** APPENDIX E **GROUNDWATER FLOOD MAPS** Sheet No: 2 of 18 Index Number: CBC\_SFRA\_2 This document is the property of Jeremy Benn Associates Ltd. It shall not be reproduced in whole or in part, nor disclosed to a third party, without the permission of my Benn Associates Ltd.





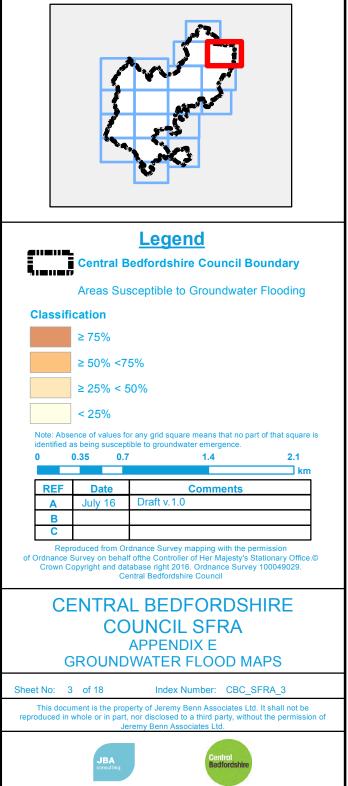


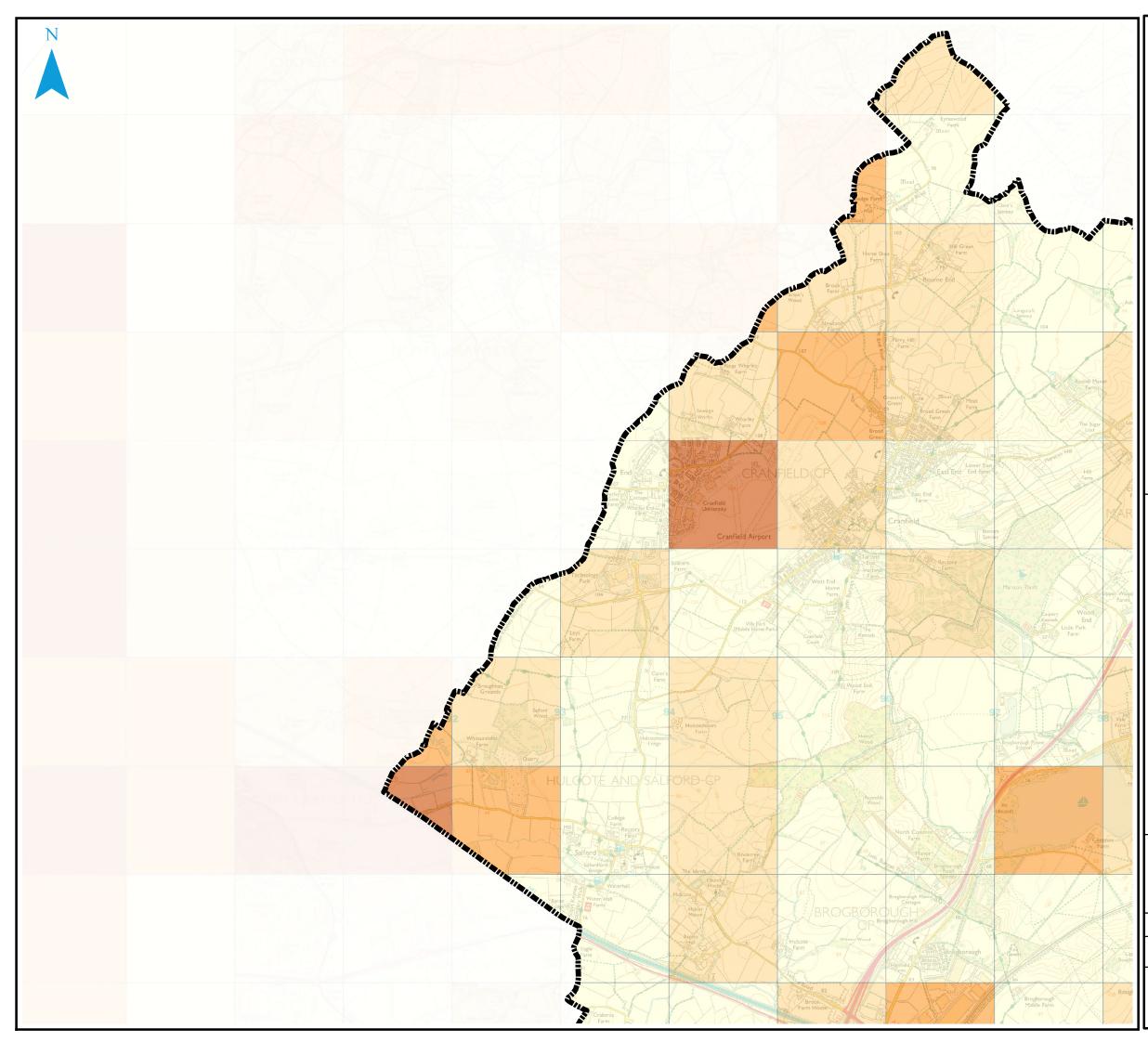
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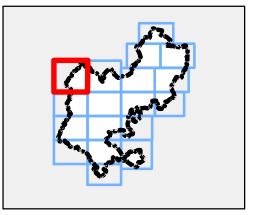


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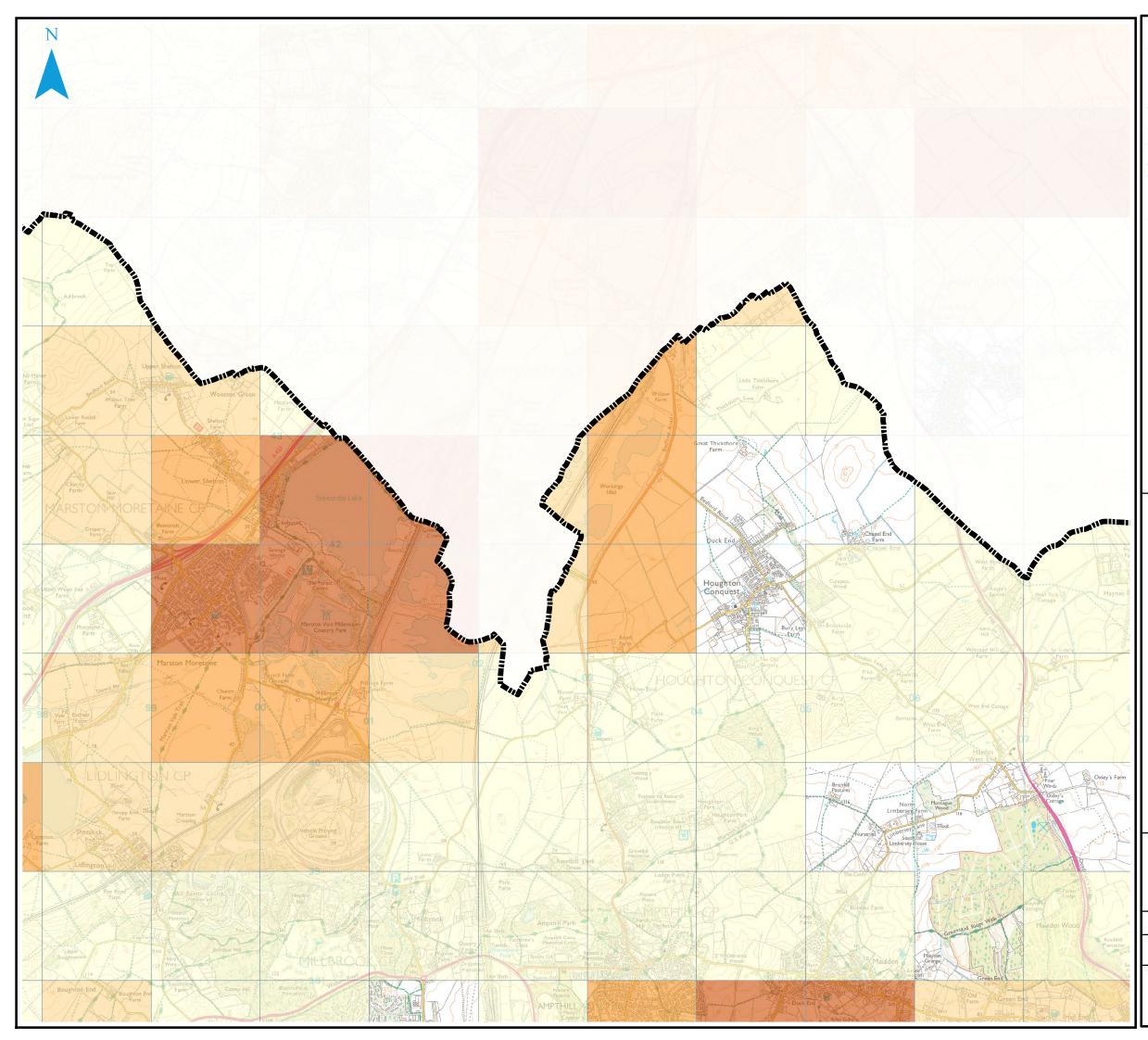
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### **Legend**

## Central Bedfordshire Council Boundary

Areas Susceptible to Groundwater Flooding	
Classification	
≥ 75%	
≥ 50% <75%	
≥ 25% < 50%	
< 25%	
Note: Absence of values for any grid square means that no part of that square is identified as being susceptible to groundwater emergence.	
0 0.375 0.75 1.5 2.25	
REF Date Comments	
A July 16 Draft v.1.0	
B	
C	
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CENTRAL BEDFORDSHIRE	
COUNCIL SFRA	
APPENDIX E	
GROUNDWATER FLOOD MAPS	
Sheet No: 4 of 18 Index Number: CBC_SFRA_4	
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JBA consulting	

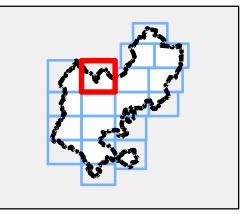


# Notes

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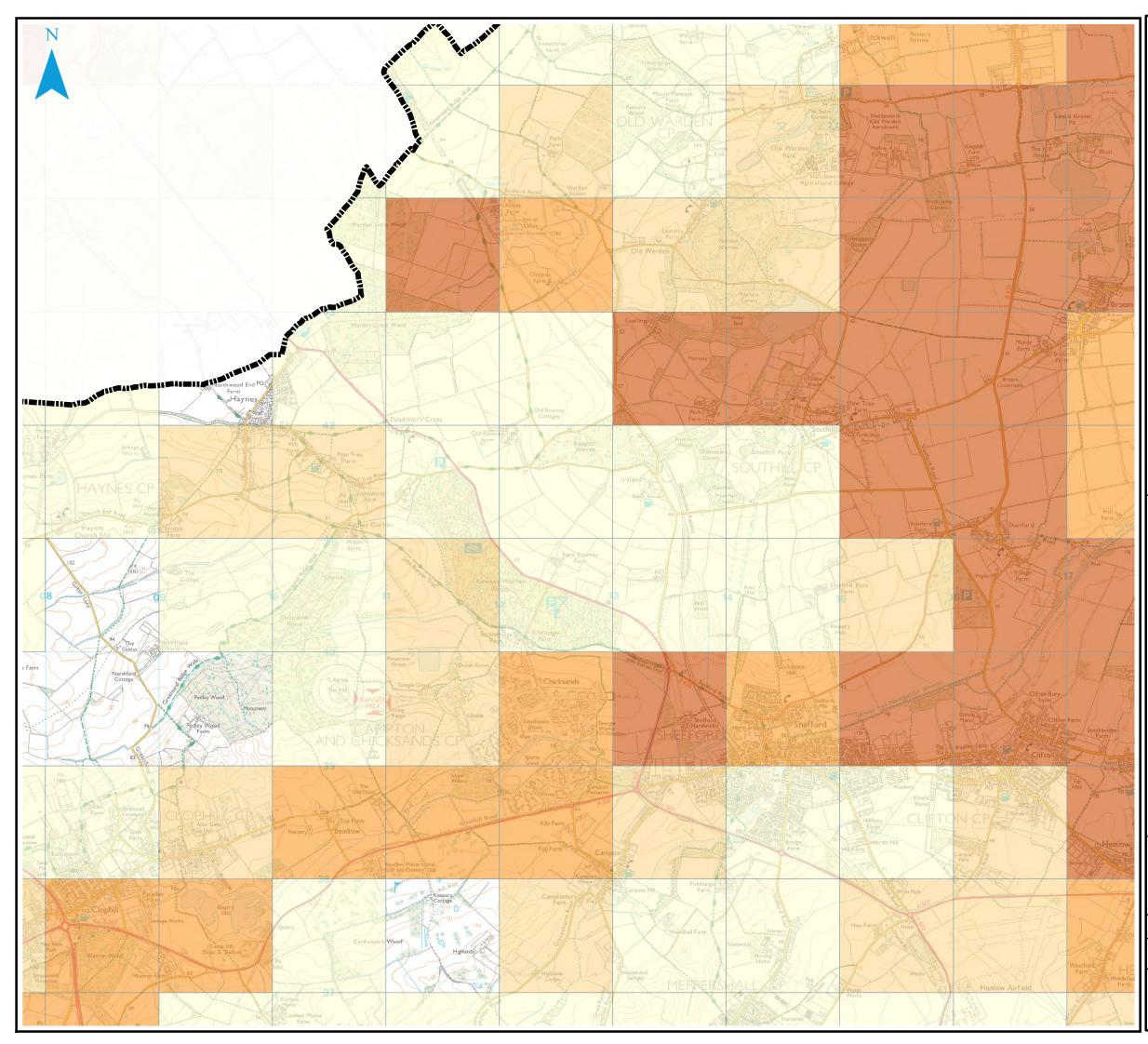




## Central Bedfordshire Council Boundary

Areas Susceptible to Groundwater Flooding

Classifi	ication	
	≥ 75%	
	≥ 50% <7	5%
	≥ 25% < 5	50%
	< 25%	
		or any grid square means that no part of that square is tible to groundwater emergence.
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	JBA consulting	Central Bedfordshire



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### **Legend**

### Central Bedfordshire Council Boundary

	7				-
	Areas Sus	sceptible t	o Groundw	ater Floodi	ng
Classif	ication				
	≥ 75%				
	≥ 50% <7	5%			
	≥ 25% < 5	50%			
	< 25%				
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