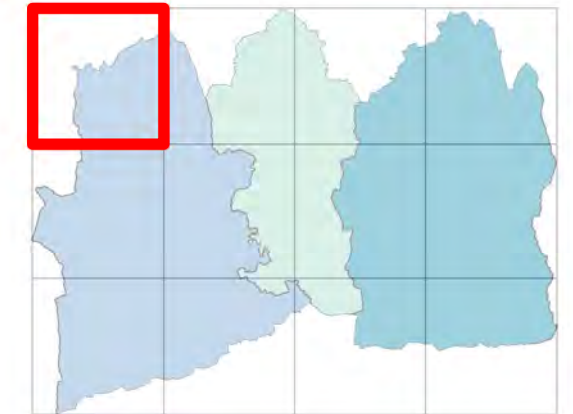
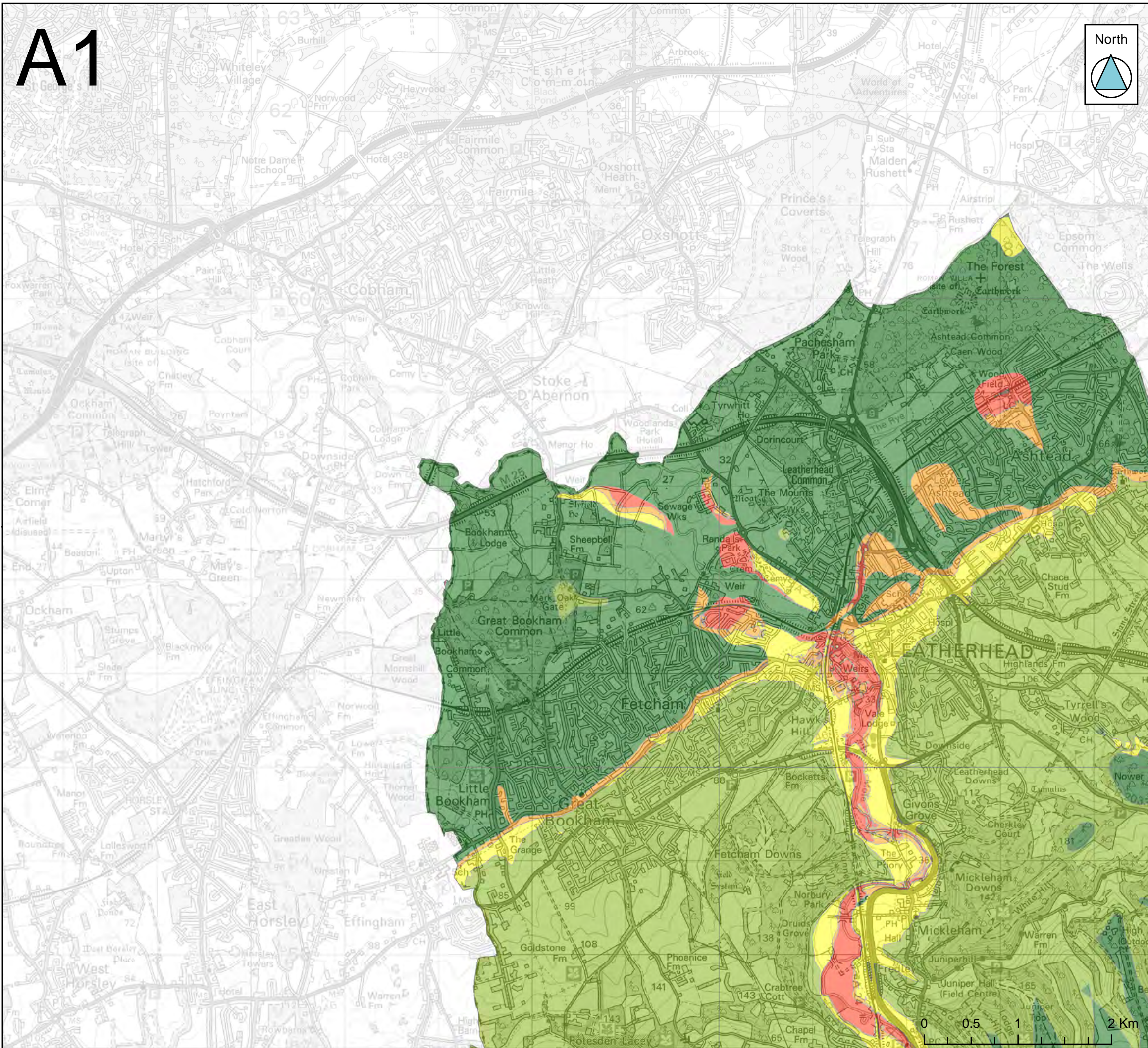


# A1



Key Plan

- This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.
- Flooding from groundwater is not likely.
- There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.
- Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.
- Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.

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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding



Mole Valley  
District Council



Reigate & Banstead  
BOROUGH COUNCIL  
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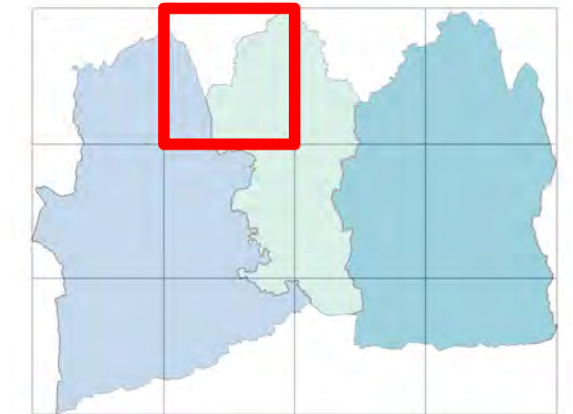
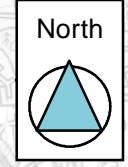
JBA  
consulting



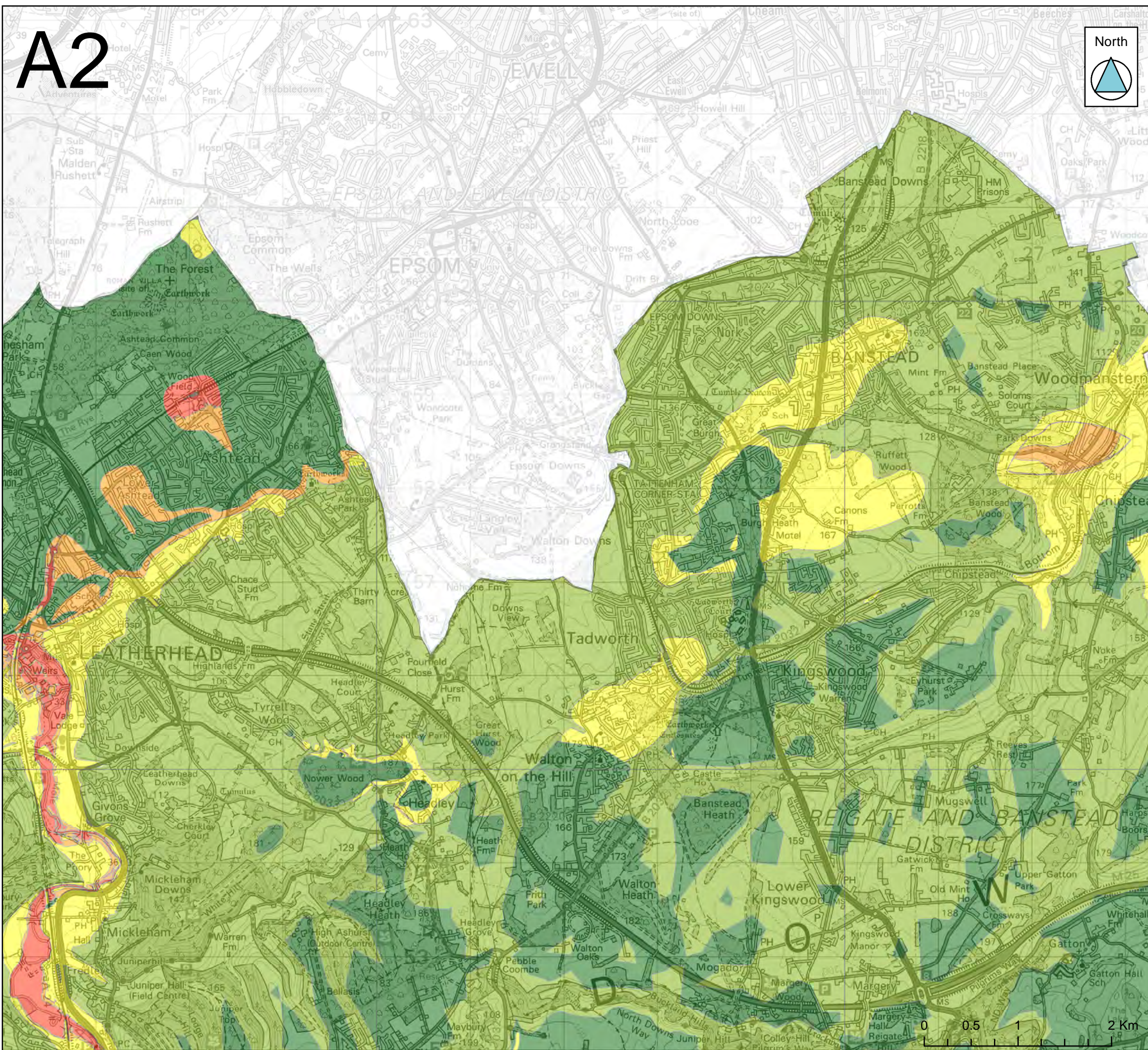
Tandridge  
District Council



# A2



Key Plan



- This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.
- Flooding from groundwater is not likely.
- There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.
- Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.
- Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.

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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding

Mole Valley  
District Council

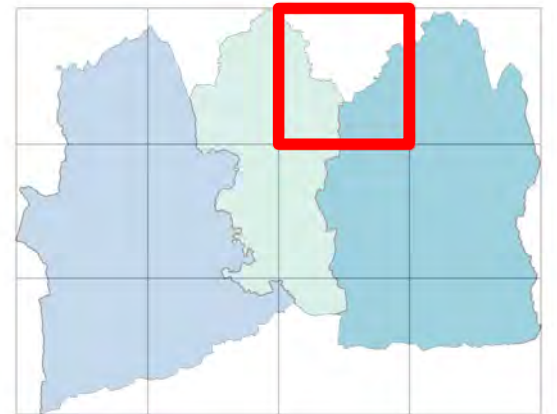
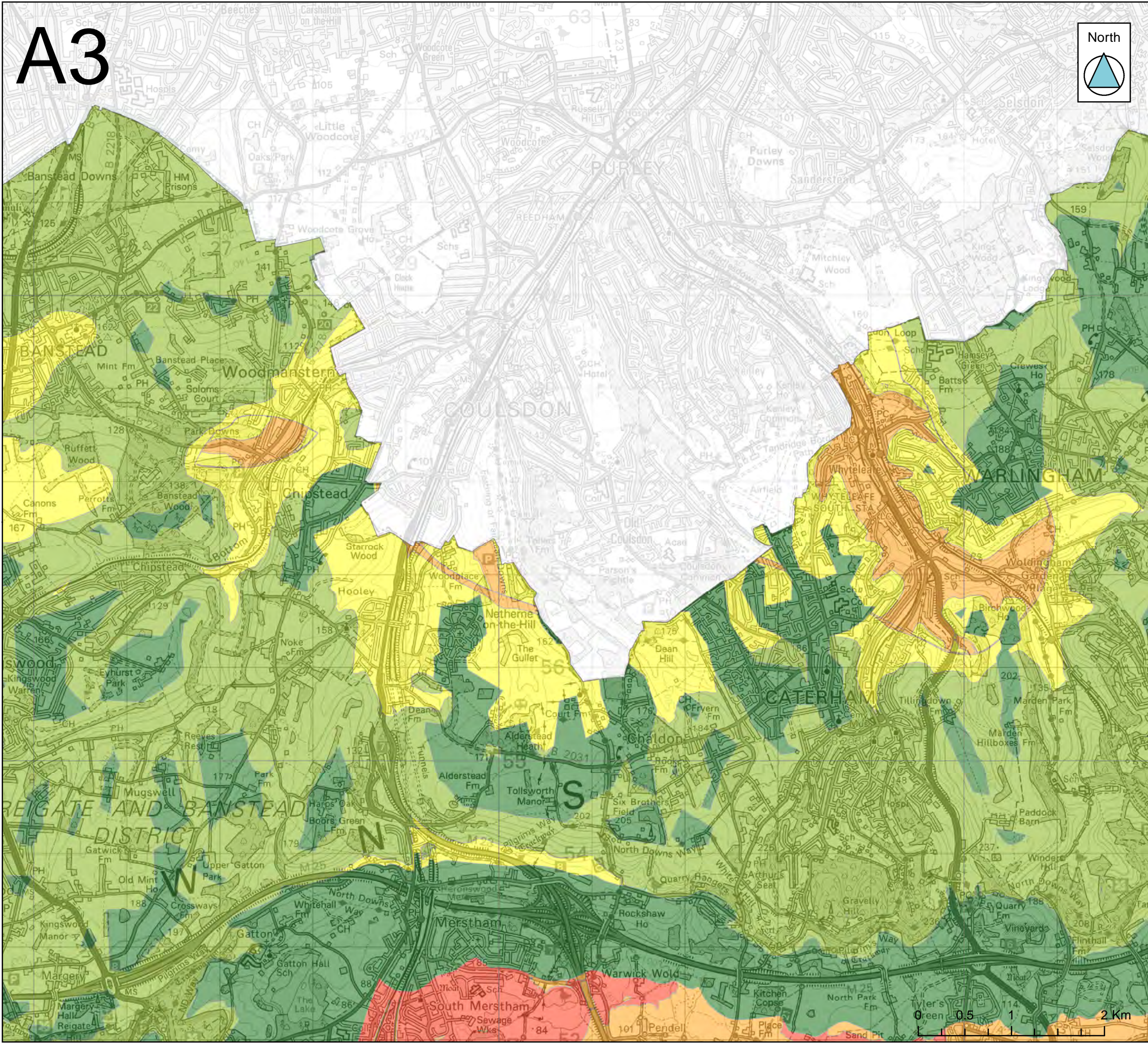
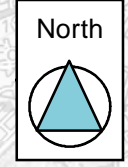
Reigate & Banstead  
BOROUGH COUNCIL  
Banstead | Horley | Redhill | Reigate

JBA  
consulting

Tandridge  
District Council



# A3



Key Plan

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #2e8b57; margin-right: 5px;"></span> This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #90ee90; margin-right: 5px;"></span> Flooding from groundwater is not likely.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ffff00; margin-right: 5px;"></span> There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ffa500; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ff4500; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.</li> </ul> |
|---|--|

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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding

Mole Valley  
District Council

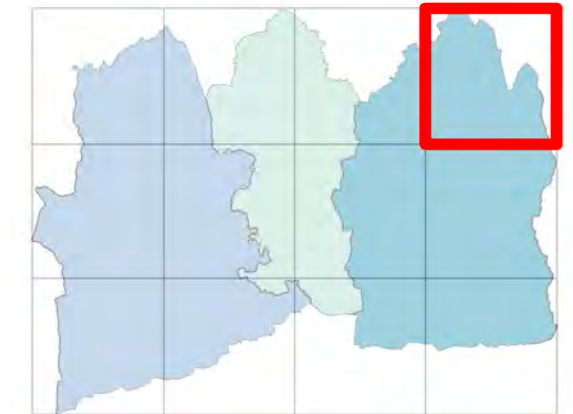
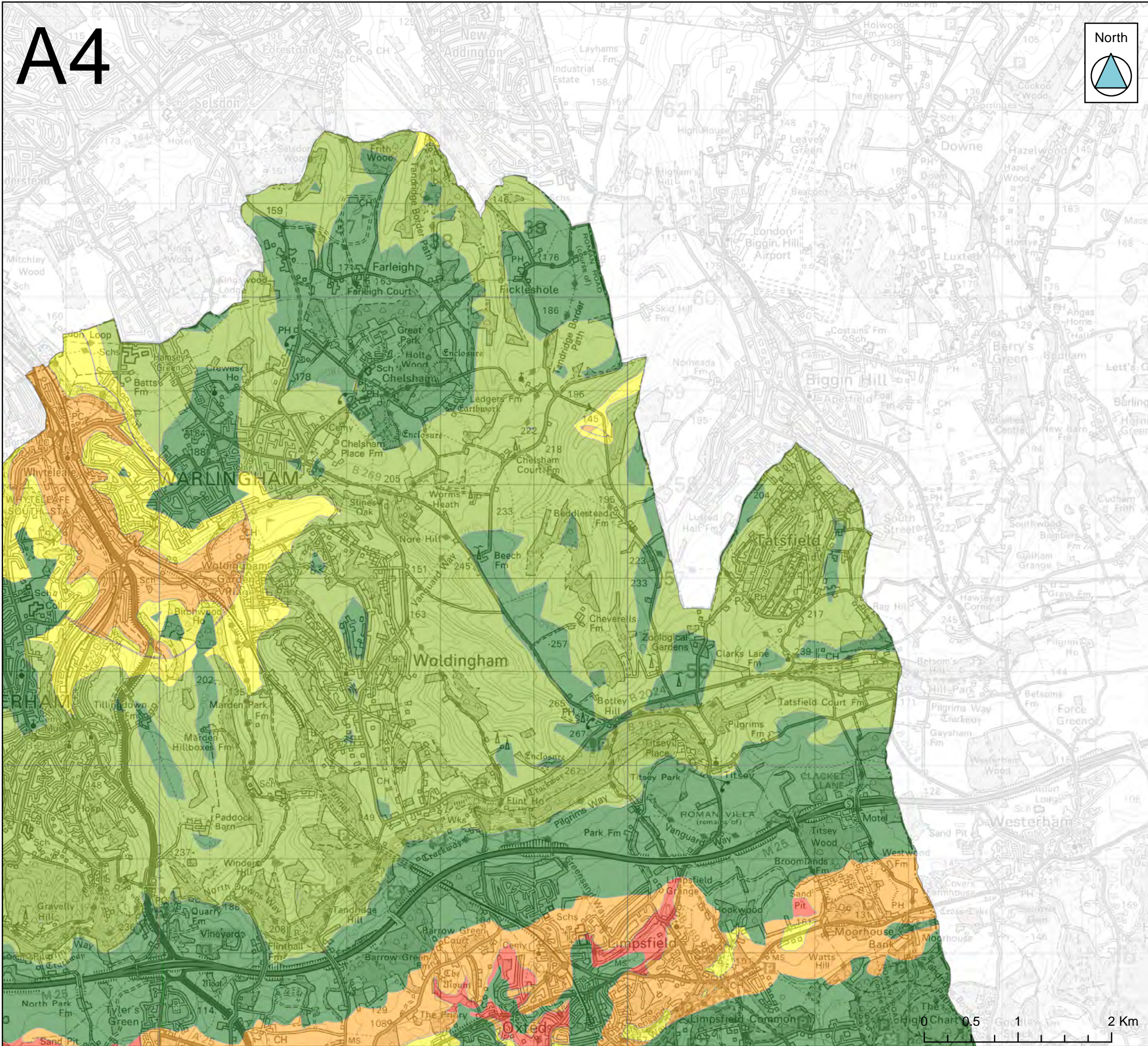
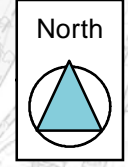
Reigate & Banstead  
BOROUGH COUNCIL  
Banstead | Horley | Redhill | Reigate

JBA  
consulting

Tandridge  
District Council



# A4



Key Plan

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #2e7d32; margin-right: 5px;"></span> This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #9ccc65; margin-right: 5px;"></span> Flooding from groundwater is not likely.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #fff9c4; margin-right: 5px;"></span> There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ffcdd2; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #e57373; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.</li> </ul> |
|---|--|

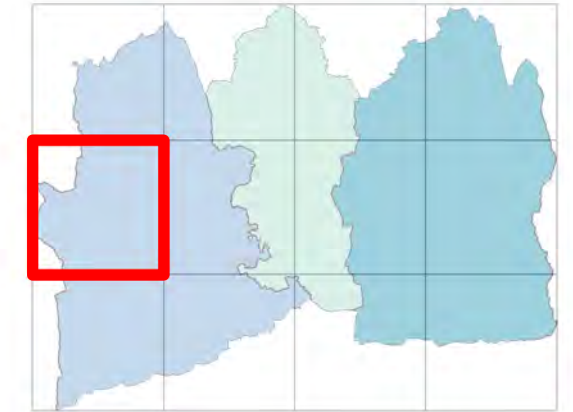
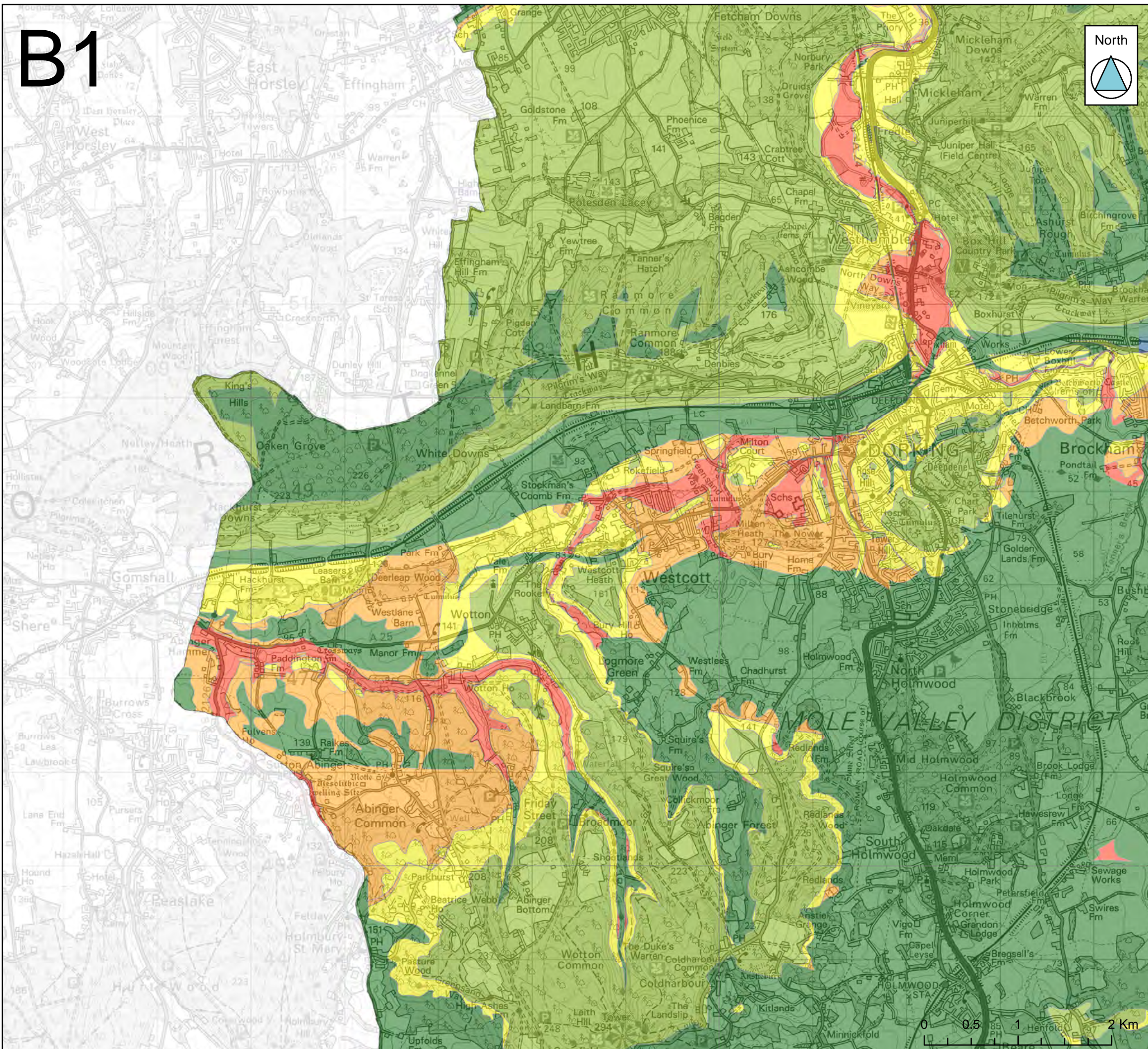
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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding



# B1



Key Plan

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #4CAF50; margin-right: 5px;"></span> This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #90EE90; margin-right: 5px;"></span> Flooding from groundwater is not likely.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFFF00; margin-right: 5px;"></span> There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFD700; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FF4500; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.</li> </ul> |
|---|--|

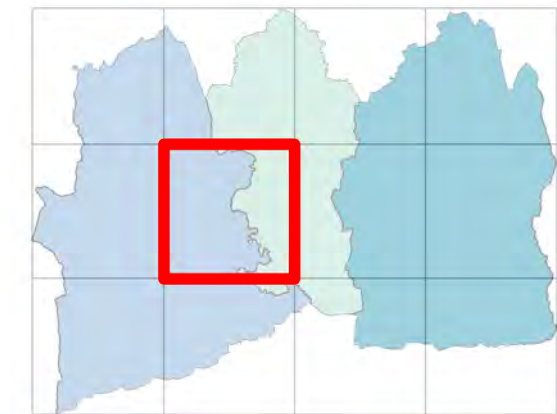
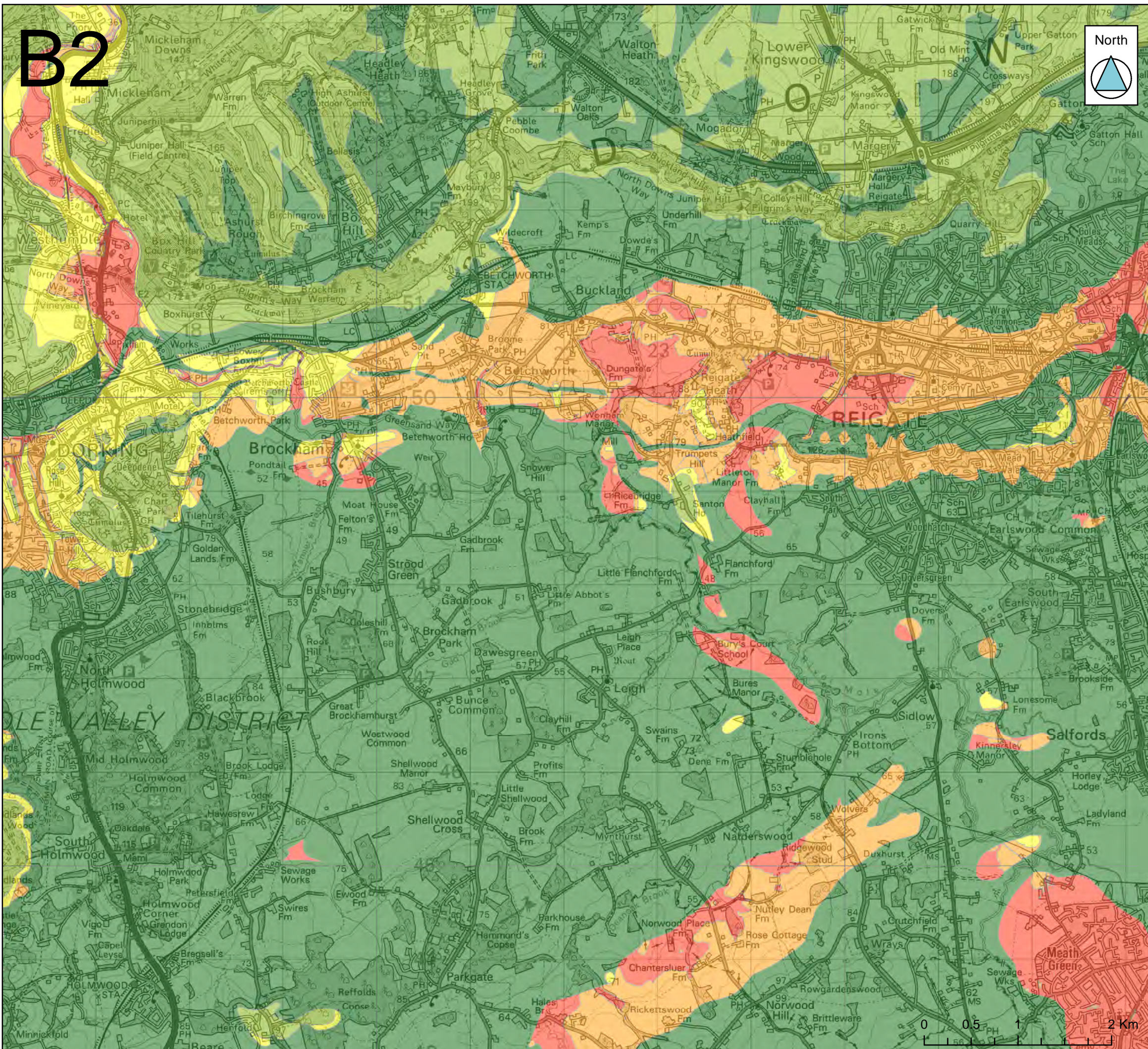
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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding




B2



Key Plan

- This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.
- Flooding from groundwater is not likely.
- There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.
- Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.
- Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.

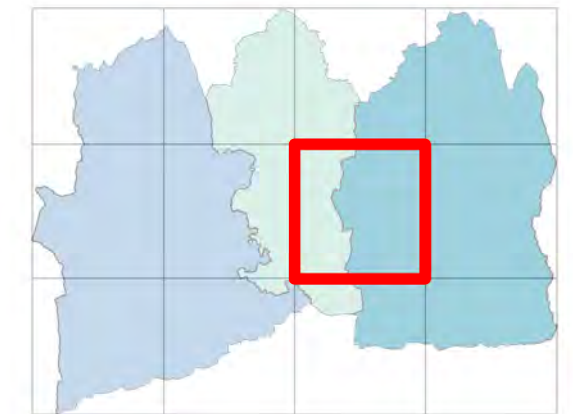
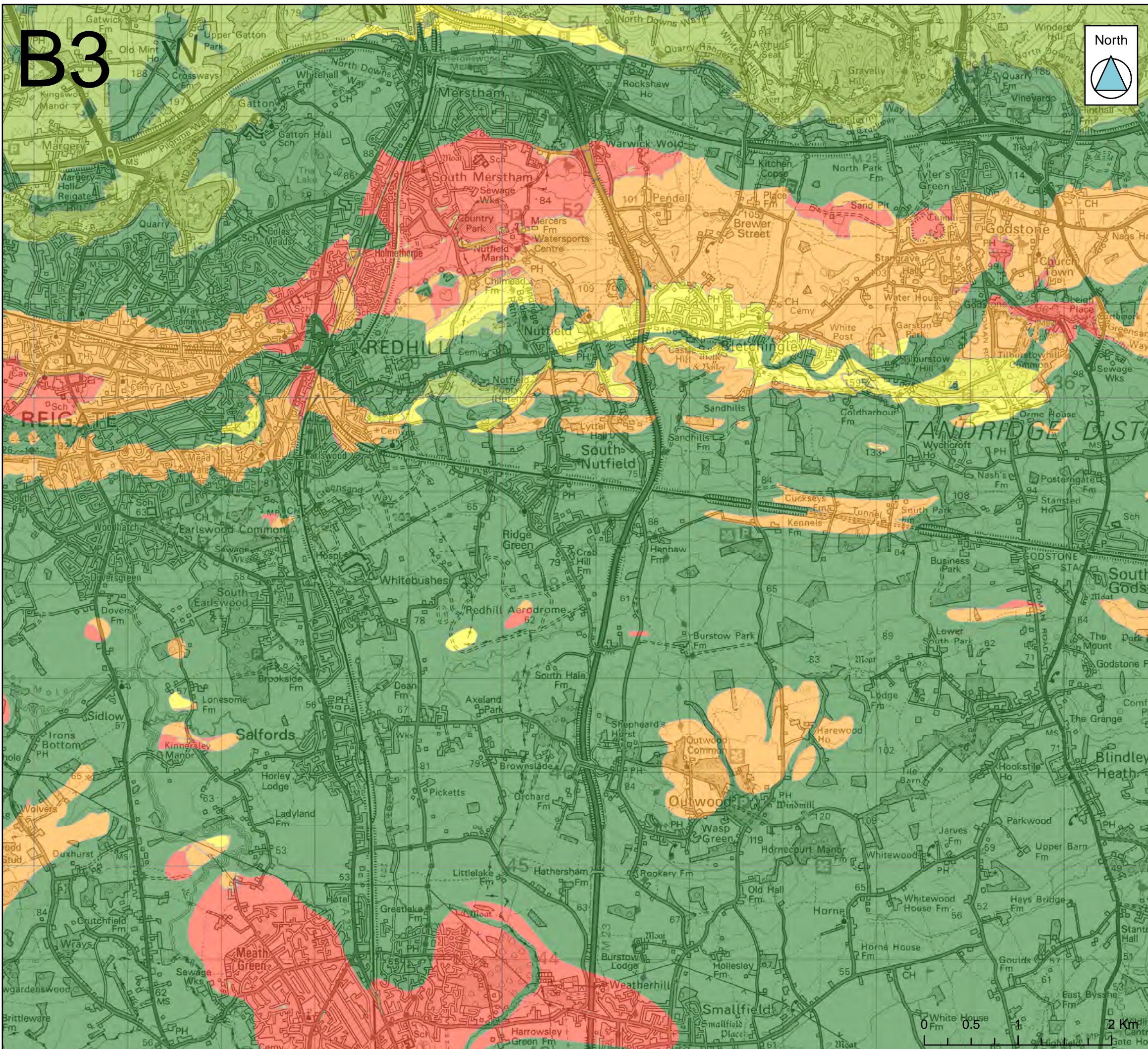
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Strategic Flood Risk Assessment - Level 1  
Appendix F - Areas at Risk of Ground Water Flooding



# B3



Key Plan

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #4CAF50; margin-right: 5px;"></span> This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #90EE90; margin-right: 5px;"></span> Flooding from groundwater is not likely.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFFF00; margin-right: 5px;"></span> There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FFD700; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #FF4500; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.</li> </ul> |
|---|--|

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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding



Mole Valley  
District Council



Reigate & Banstead  
BOROUGH COUNCIL  
Banstead | Horley | Redhill | Reigate



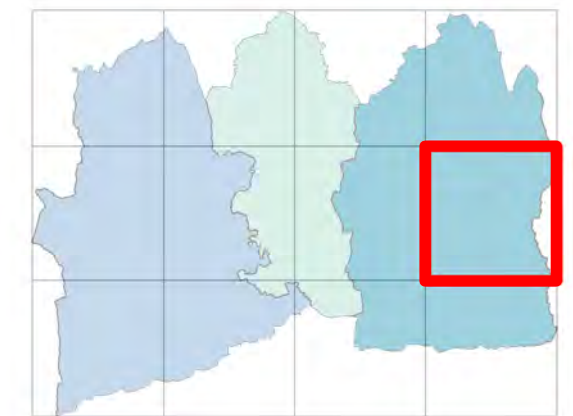
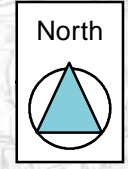
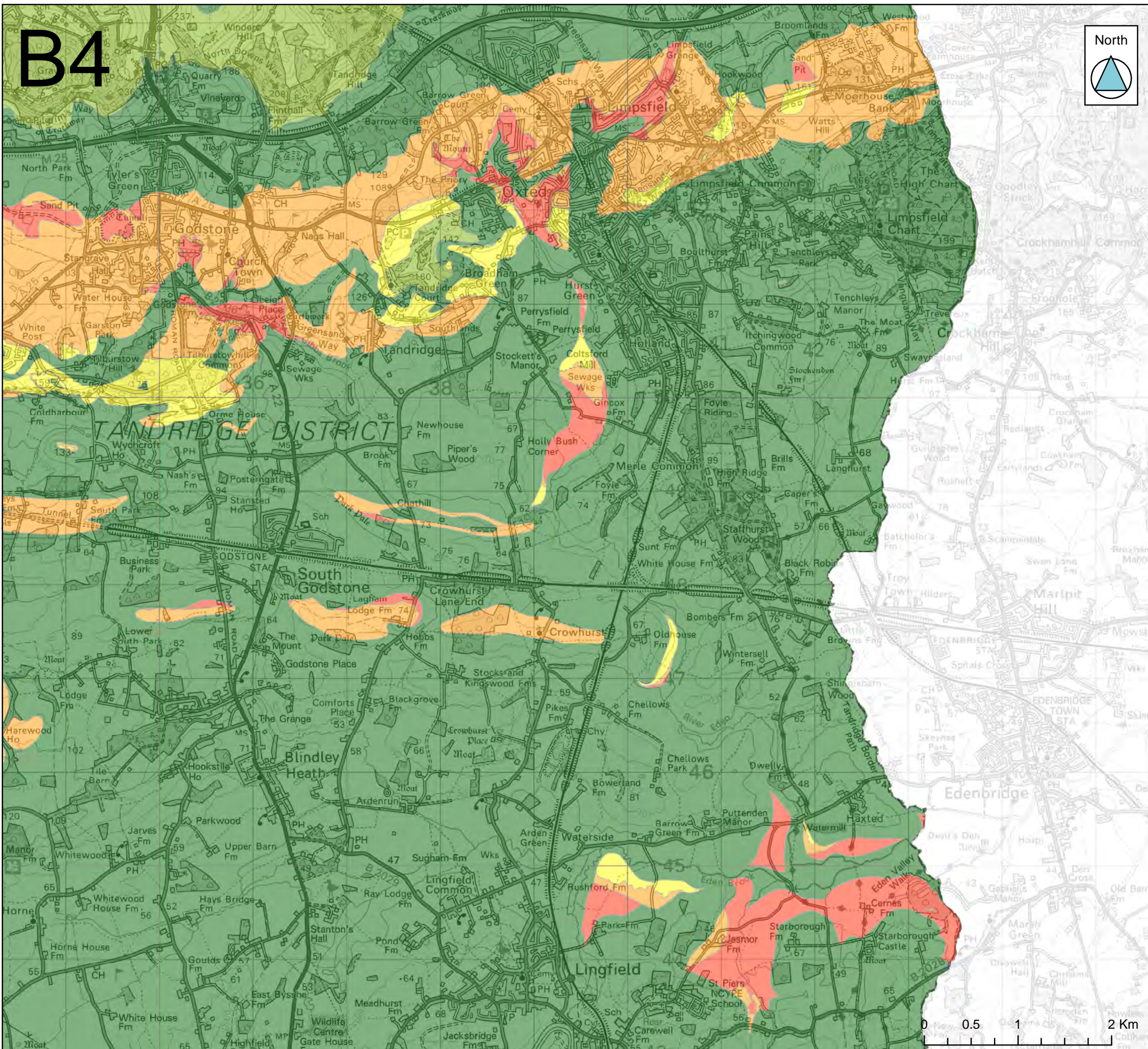
JBA  
consulting



Tandridge  
District Council



# B4



Key Plan

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #2e7d32; margin-right: 5px;"></span> This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #9ccc65; margin-right: 5px;"></span> Flooding from groundwater is not likely.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #fff9c4; margin-right: 5px;"></span> There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ffcdd2; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #e57373; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.</li> </ul> |
|---|--|

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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding



Mole Valley  
District Council



Reigate & Banstead  
BOROUGH COUNCIL  
Banstead | Horley | Redhill | Reigate



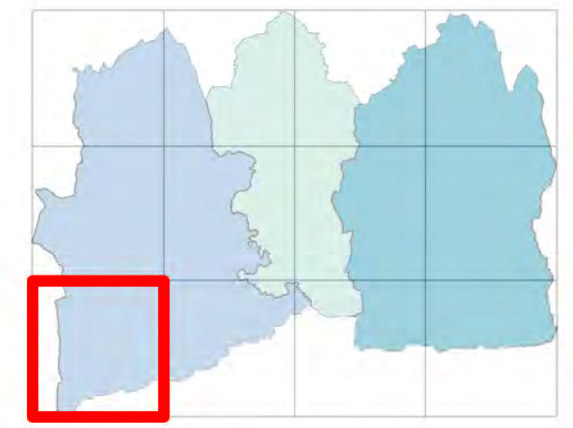
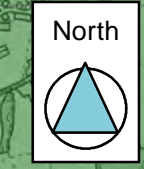
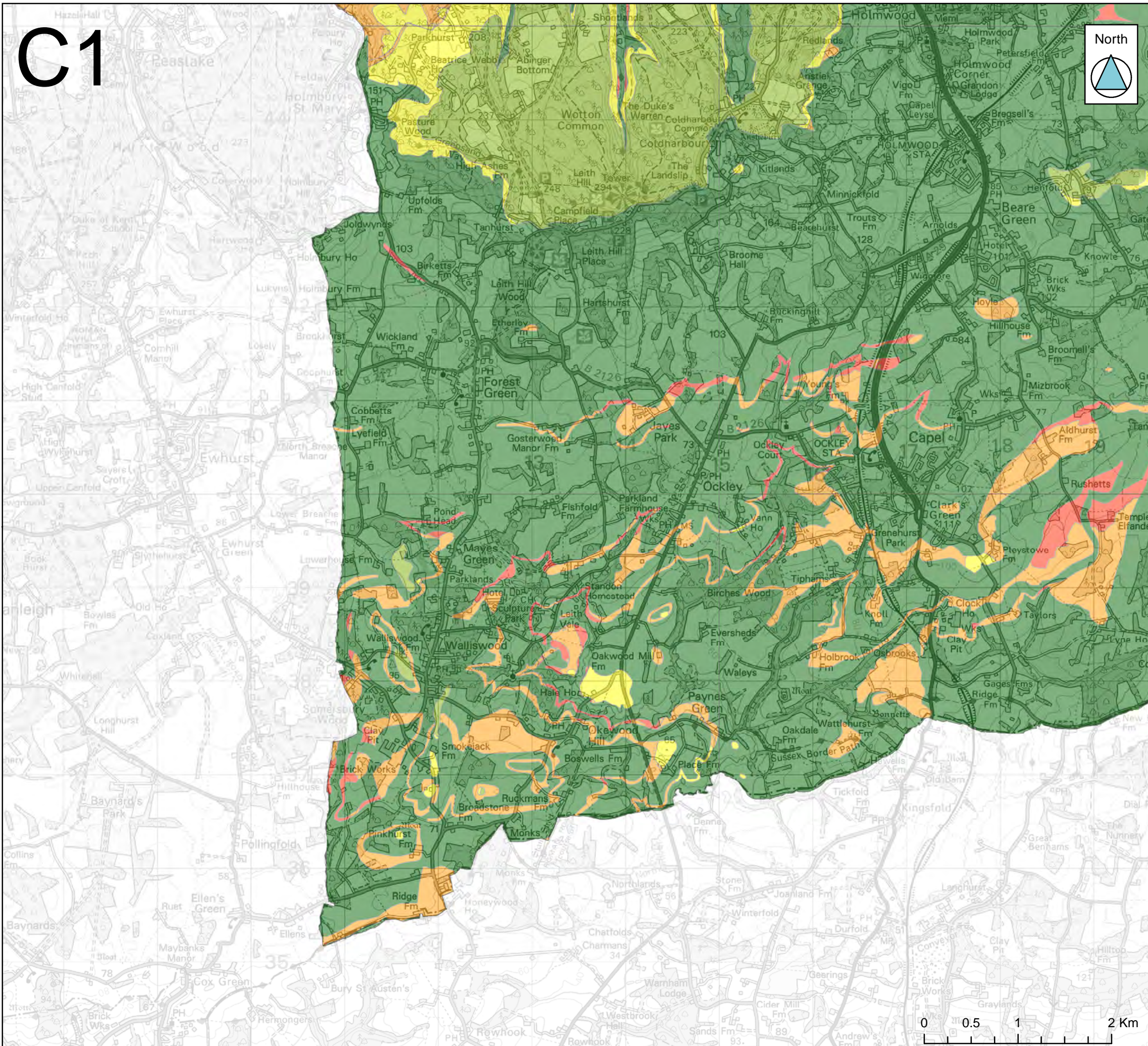
JBA  
consulting



Tandridge  
District Council



# C1



Key Plan

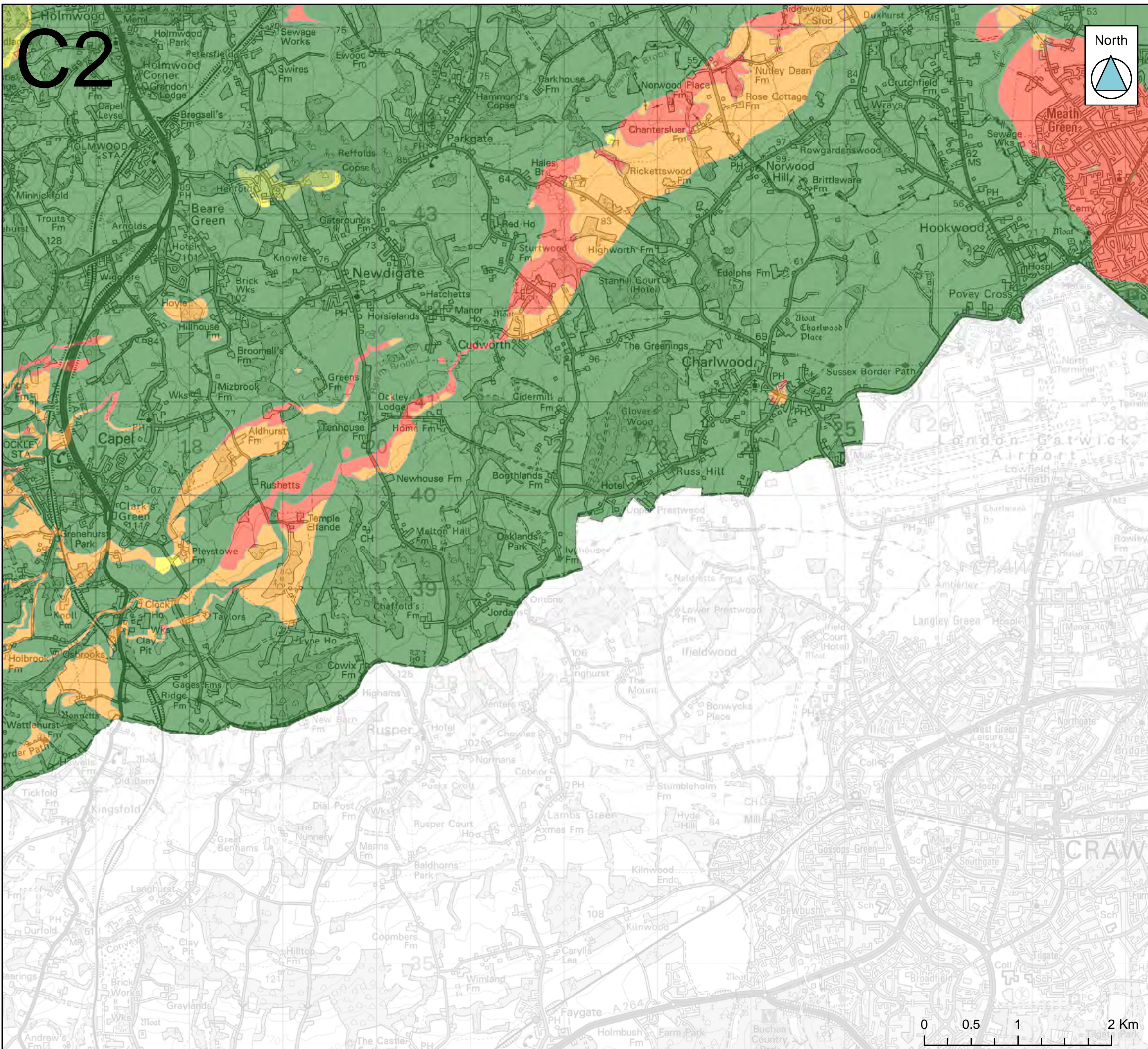
- This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.
- Flooding from groundwater is not likely.
- There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.
- Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.
- Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.

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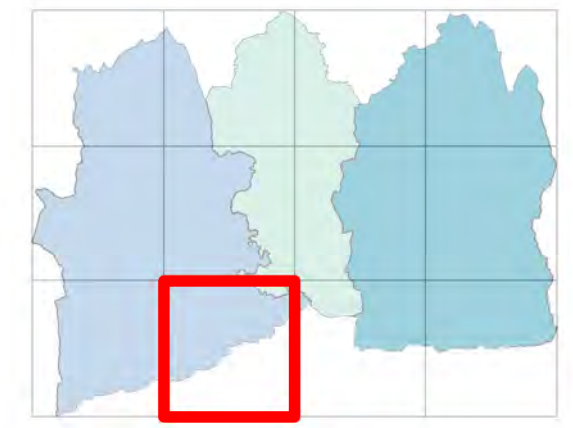
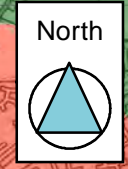
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### Strategic Flood Risk Assessment - Level 1 Appendix F - Areas at Risk of Ground Water Flooding





C2



Key Plan

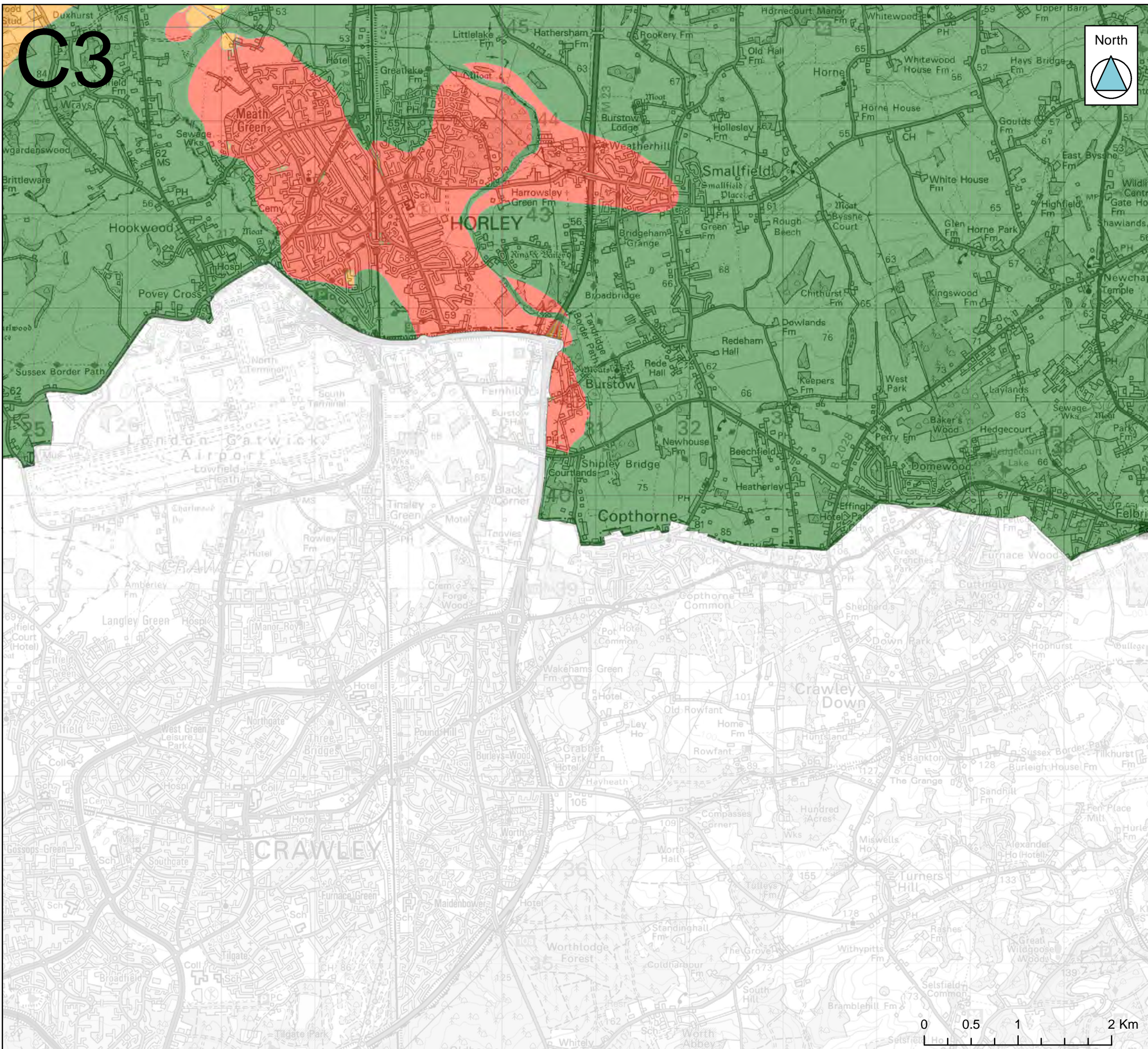
- This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.
- Flooding from groundwater is not likely.
- There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.
- Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.
- Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.
- Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.

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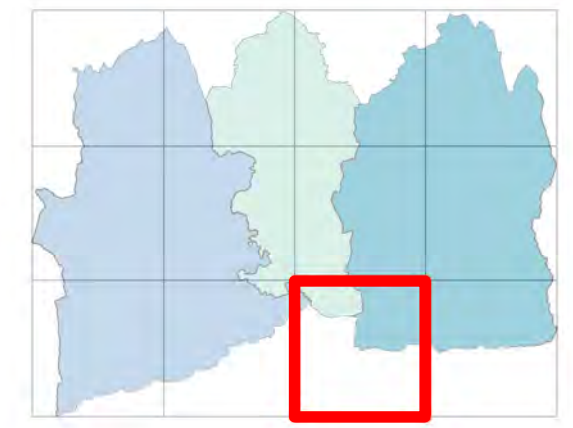
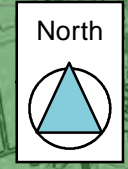
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**Strategic Flood Risk Assessment - Level 1  
Appendix F - Areas at Risk of  
Ground Water Flooding**





C3



Key Plan

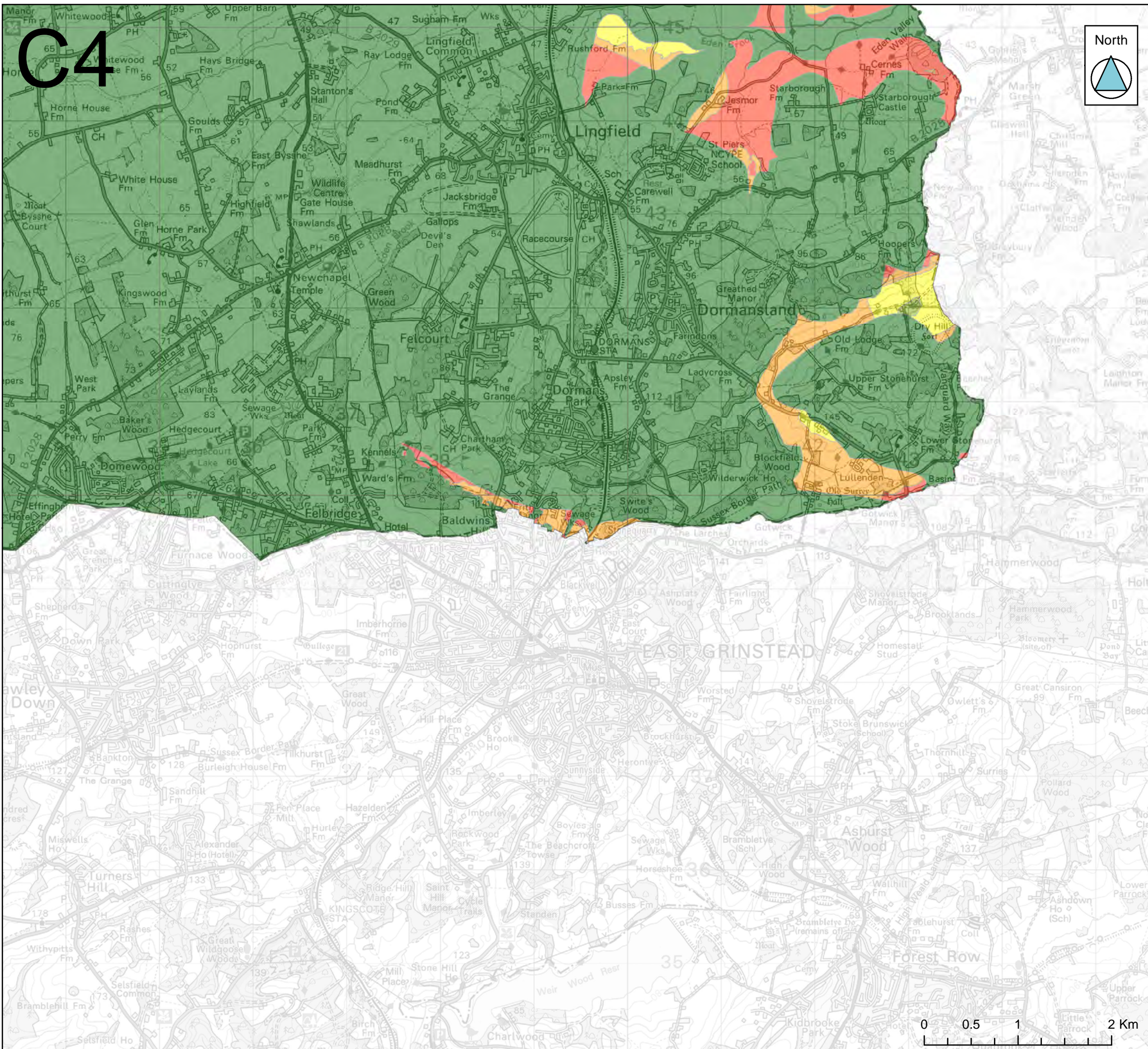
- This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.
- Within this zone there is a risk of groundwater flooding to surface and subsurface assets. There is the possibility of groundwater emerging at the surface locally.
- Flooding from groundwater is not likely.
- There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.
- Within this zone there is a risk of groundwater flooding to both surface and subsurface assets. Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.

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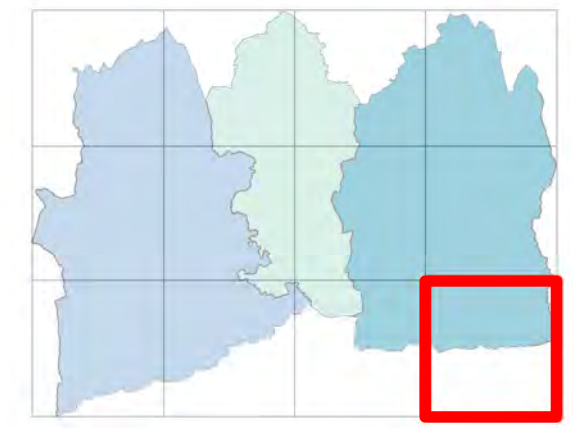
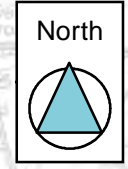
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**Strategic Flood Risk Assessment - Level 1  
Appendix F - Areas at Risk of  
Ground Water Flooding**





C4



Key Plan

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #38761d; margin-right: 5px;"></span> This zone is deemed as having a negligible risk from groundwater flooding due to the nature of the local geological deposits.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #92d050; margin-right: 5px;"></span> Flooding from groundwater is not likely.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ffff00; margin-right: 5px;"></span> There is a risk of flooding to subsurface assets but surface manifestation of groundwater is unlikely.</li> </ul> | <ul style="list-style-type: none"> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ffcc00; margin-right: 5px;"></span> There is the possibility of groundwater emerging at the surface locally.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ff6600; margin-right: 5px;"></span> Within this zone there is a risk of groundwater flooding to both surface and subsurface assets.</li> <li><span style="display: inline-block; width: 15px; height: 15px; background-color: #ff0000; margin-right: 5px;"></span> Groundwater may emerge at significant rates and has the capacity to flow overland and/or pond within any topographic low spots.</li> </ul> |
|---|--|

This map indicates where a property or site-specific assessment of groundwater hazard is recommended. It should be used only in combination with other information, for example local or historical data.

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**Strategic Flood Risk Assessment - Level 1  
Appendix F - Areas at Risk of  
Ground Water Flooding**
