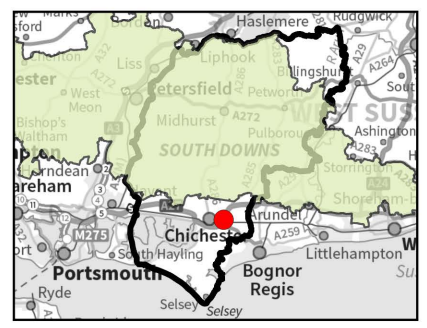



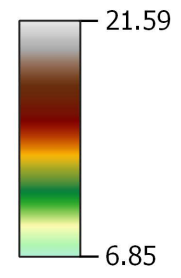
Location Plan



Legend

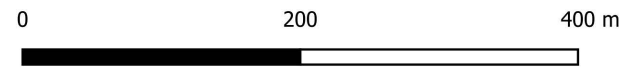
 Site boundary

LIDAR 1m DTM (m)



Notes

Produced by the Environment Agency in 2020, this dataset is derived from a combination of our Time Stamped archive and National LIDAR Programme, which has been merged and re-sampled to give the best possible coverage. Where repeat surveys have been undertaken the newest, best resolution data is used. Where data was resampled a bilinear interpolation was used before being merged.

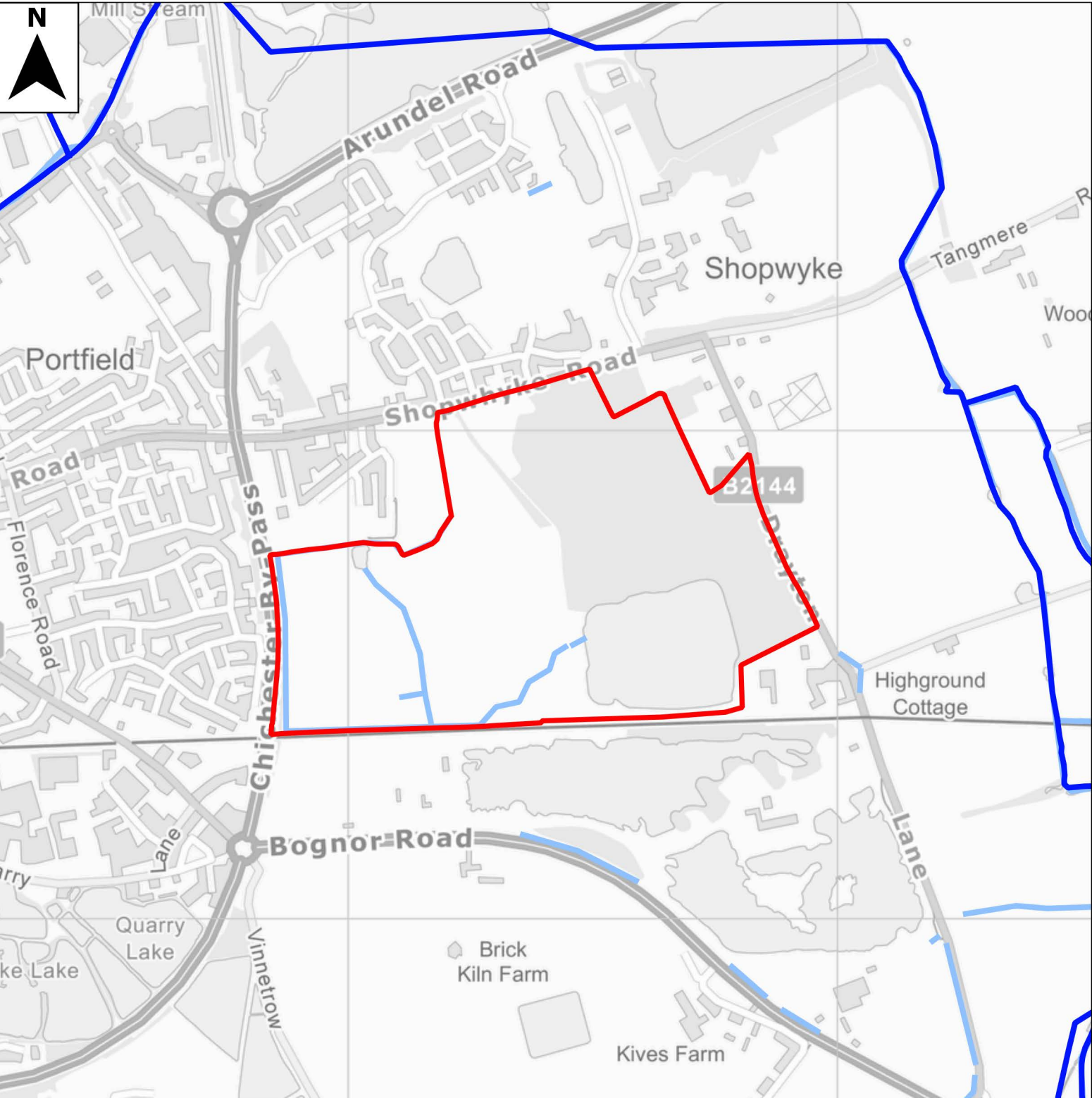
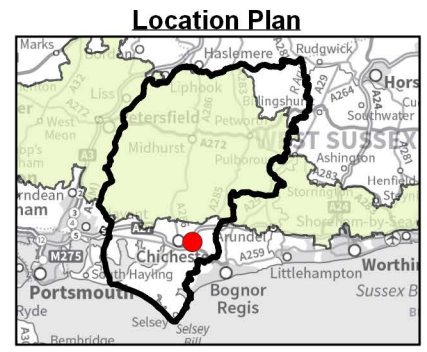


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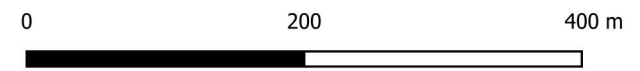


Legend

-  Site boundary
-  Main Rivers
-  Ordinary watercourses

Notes

The Environment Agency regularly reviews its hydrology, hydraulic modelling and flood risk mapping, and it is important that they are approached to determine whether updated more accurate information is available prior to commencing a site specific FRA.

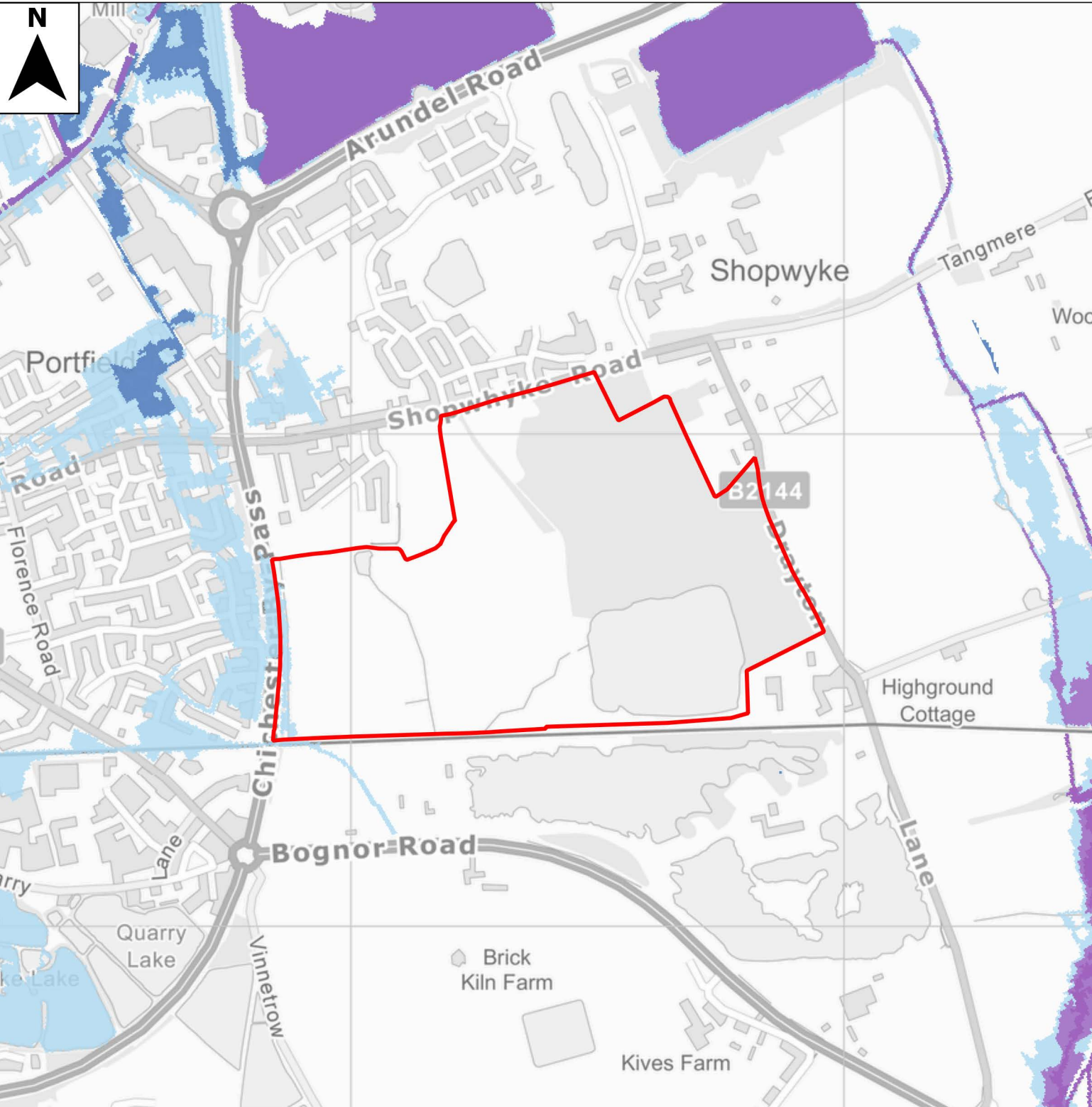
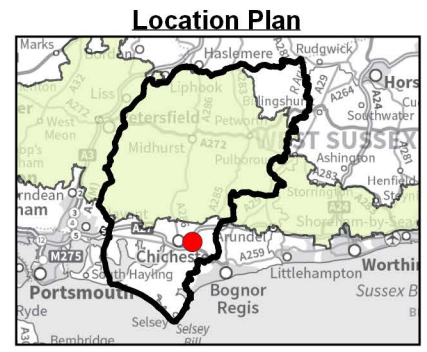


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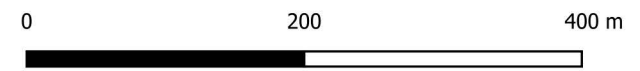


Legend

-  Site boundary
- Flood Zones
 -  Flood Zone 2
 -  Flood Zone 3a
 -  Flood Zone 3b

Notes

The Environment Agency regularly reviews its hydrology, hydraulic modelling and flood risk mapping datasets, and it is important that they are approached to determine whether updated more accurate information is available prior to commencing a site specific FRA.

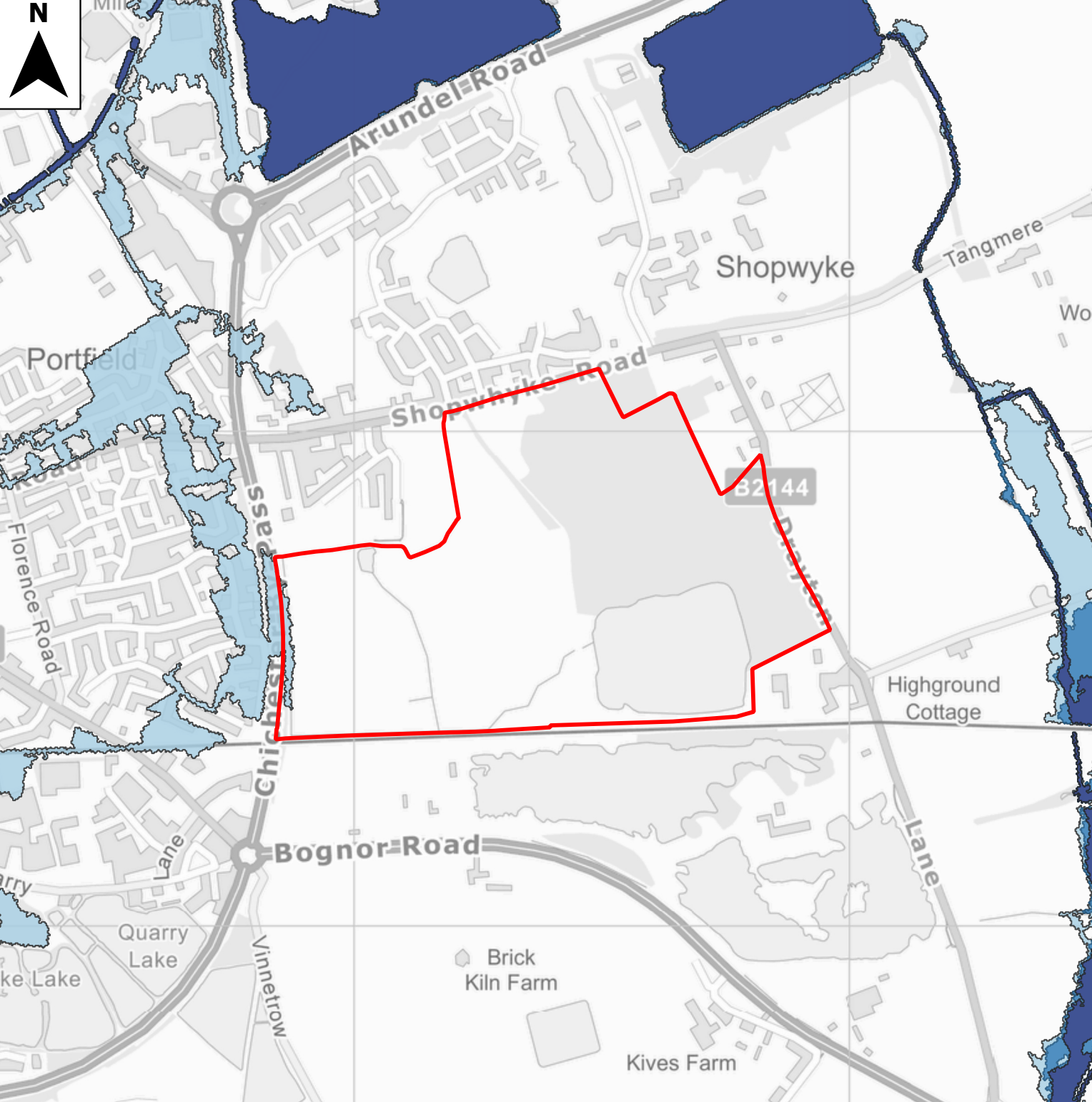


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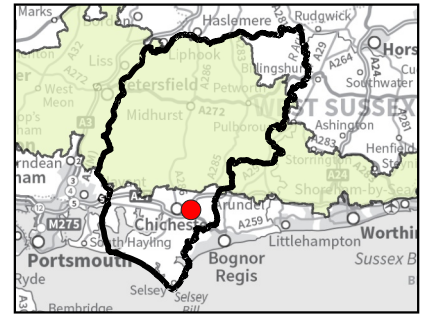
Chichester District Council
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Location Plan

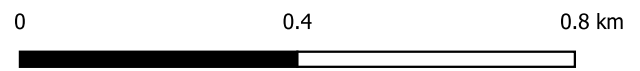


Legend

-  Site boundary
-  Chichester District Council boundary
-  Fluvial defended 3.3% AEP extent
-  Fluvial defended 1% AEP extent
-  Fluvial defended 0.1% AEP extent

Notes

The Environment Agency regularly reviews its hydrology, hydraulic modelling and flood risk mapping datasets, and it is important that they are approached to determine whether updated more accurate information is available prior to commencing a site-specific FRA

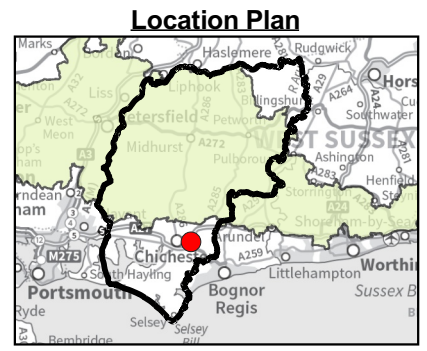
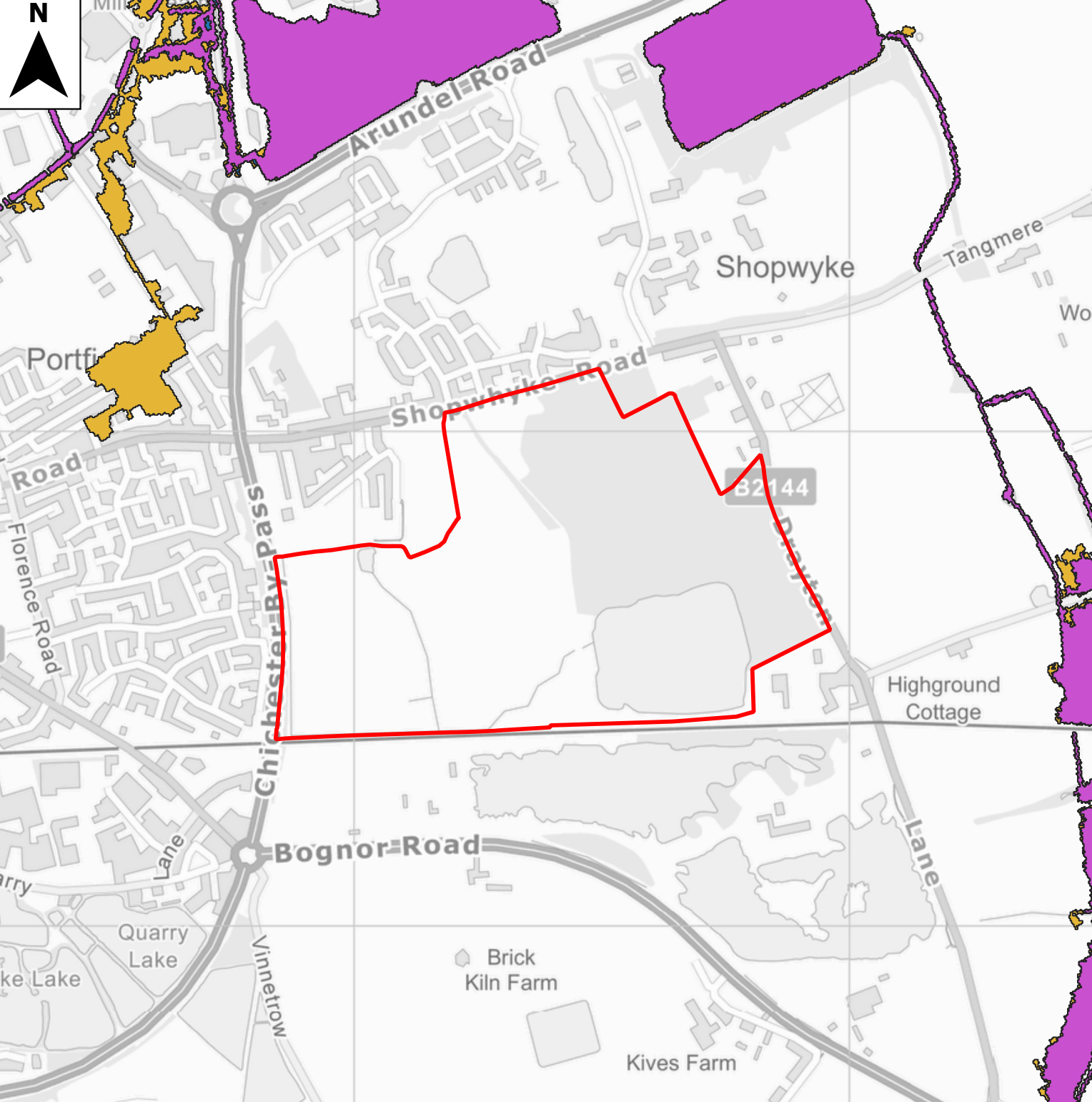


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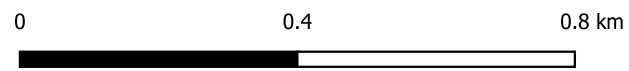


Legend

-  Site boundary
-  Chichester District Council boundary
-  Defended 1% AEP plus 25% climate change fluvial extent
-  Defended 1% AEP plus 35% climate change fluvial extent
-  Defended 1% AEP plus 64% climate change fluvial extent

Notes

The Environment Agency regularly reviews its hydrology, hydraulic modelling and flood risk mapping datasets, and it is important that they are approached to determine whether updated more accurate information is available prior to commencing a site-specific FRA

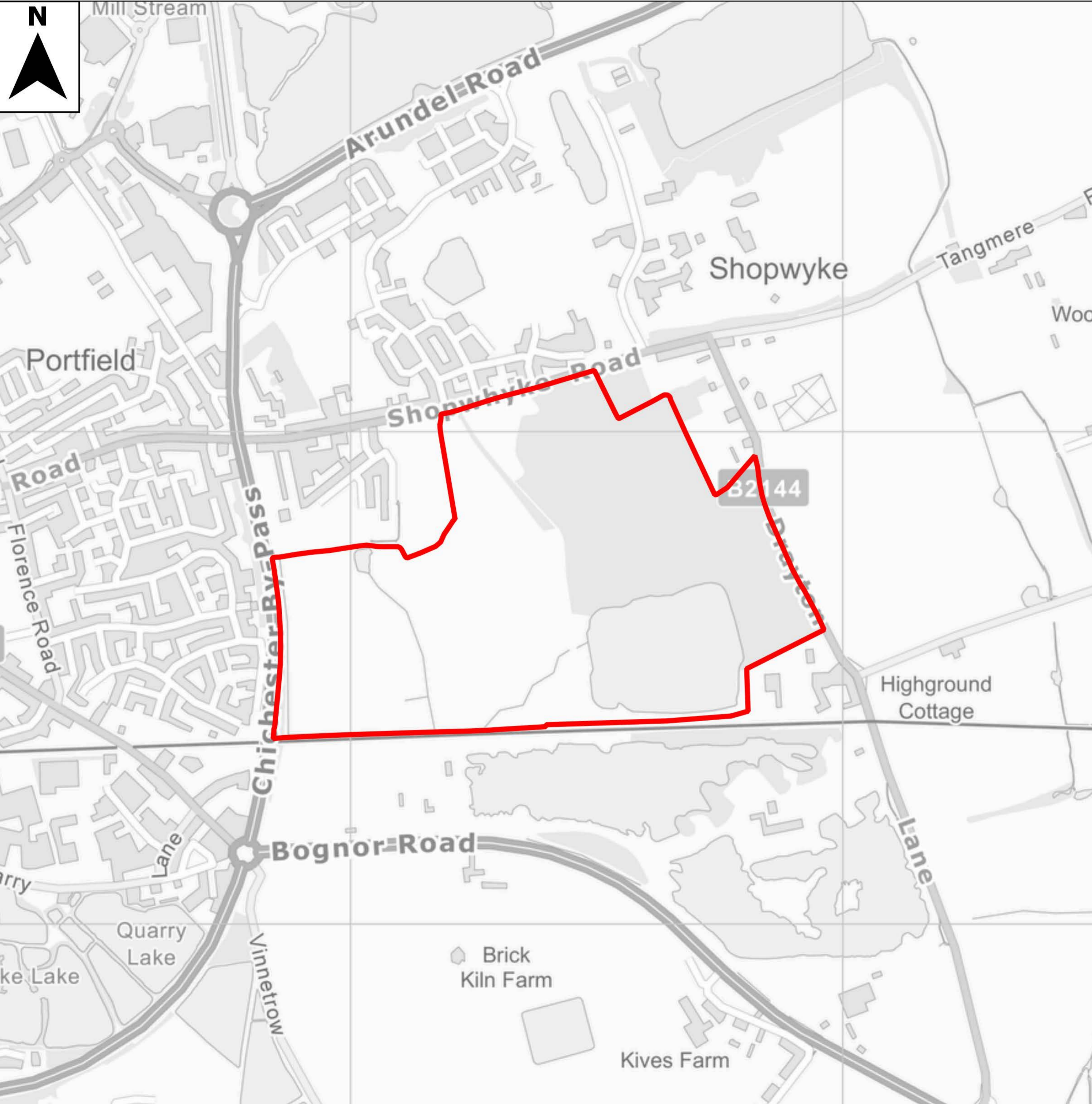
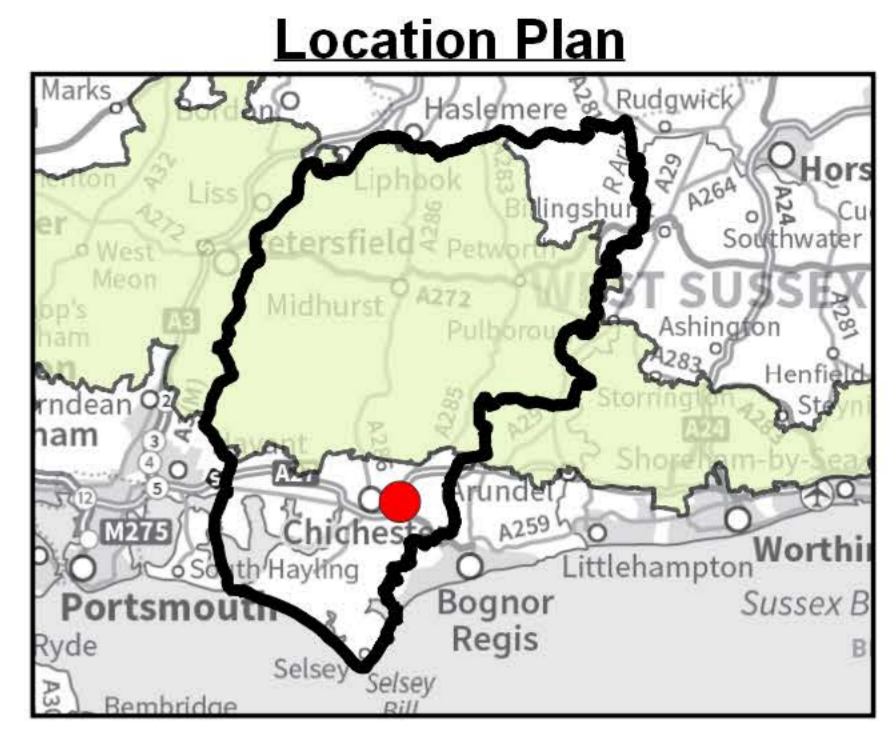
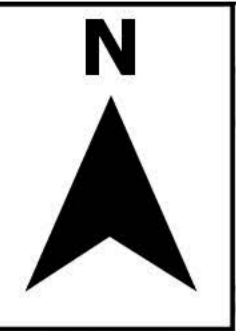


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Legend

-  Site boundary
- 2121 Coastal Tidal Defended Flood Extents
-  5% AEP
-  0.5% AEP
-  0.1% AEP
-  0.5% AEP plus 70% Climate Change
-  0.5% AEP plus 95% Climate Change

Notes

The Environment Agency regularly reviews its hydrology, hydraulic modelling and flood risk mapping, and it is important that they are approached to determine whether updated more accurate information is available prior to commencing a site specific FRA.

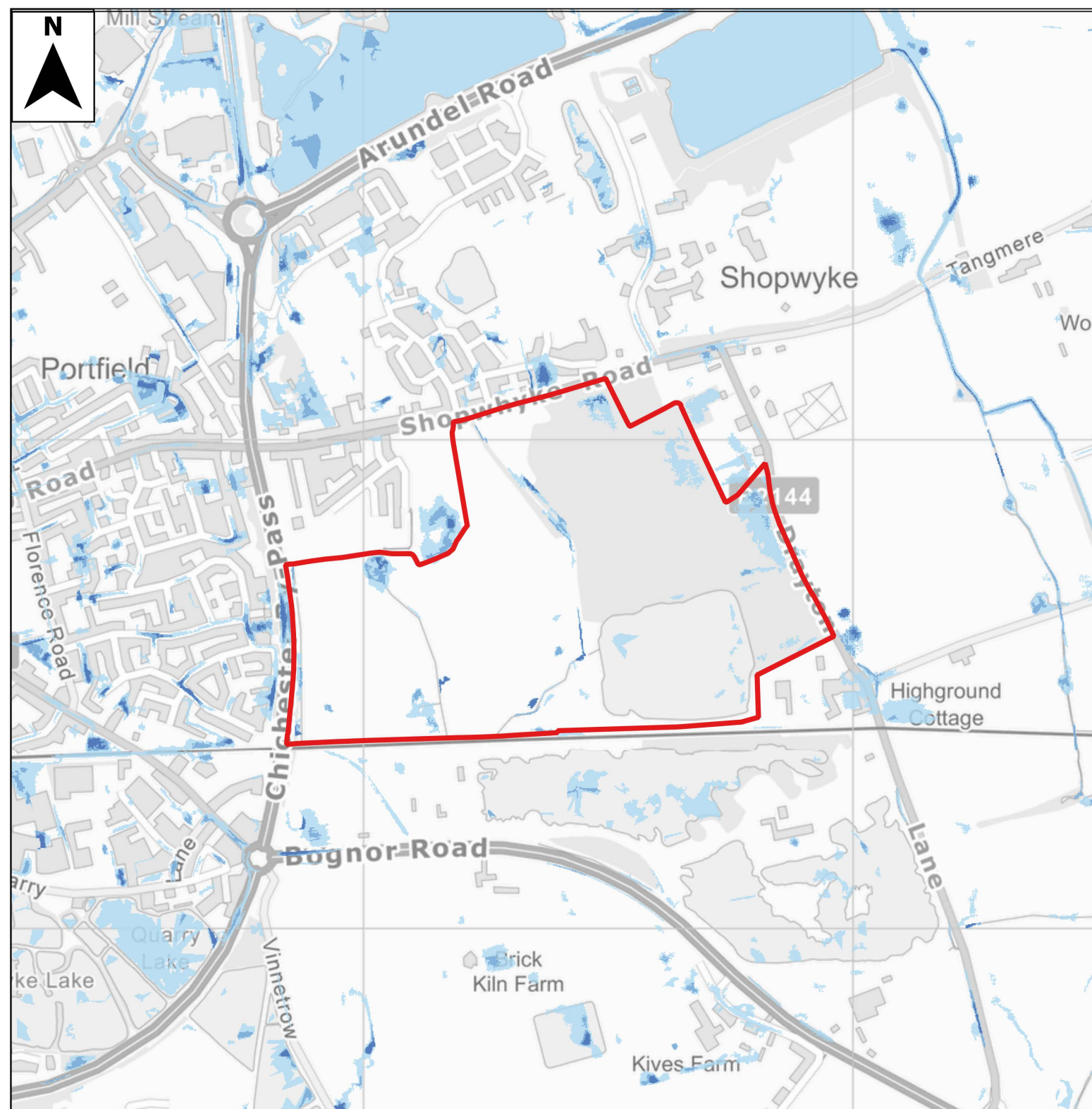


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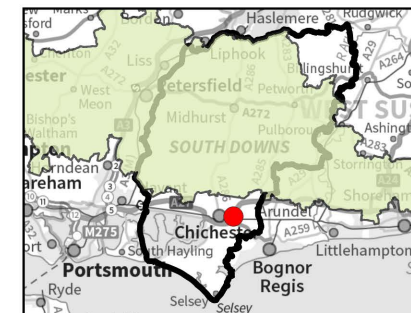
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Location Plan



Legend

-  Site boundary
- Risk of Flooding from Surface Water**
-  High - 3.3% AEP
-  Medium - 1% AEP
-  Low - 0.1% AEP

Notes

The Environment Agency's Risk of Flooding from Surface Water (RoFSW) model is derived primarily from identifying topographical flow paths of existing watercourses or dry valleys that contain some isolated ponding locations in low lying areas. They provide a map which displays different levels of surface water flood risk depending on the annual probability of the land in questions being inundated by surface water.

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0 200 400 m

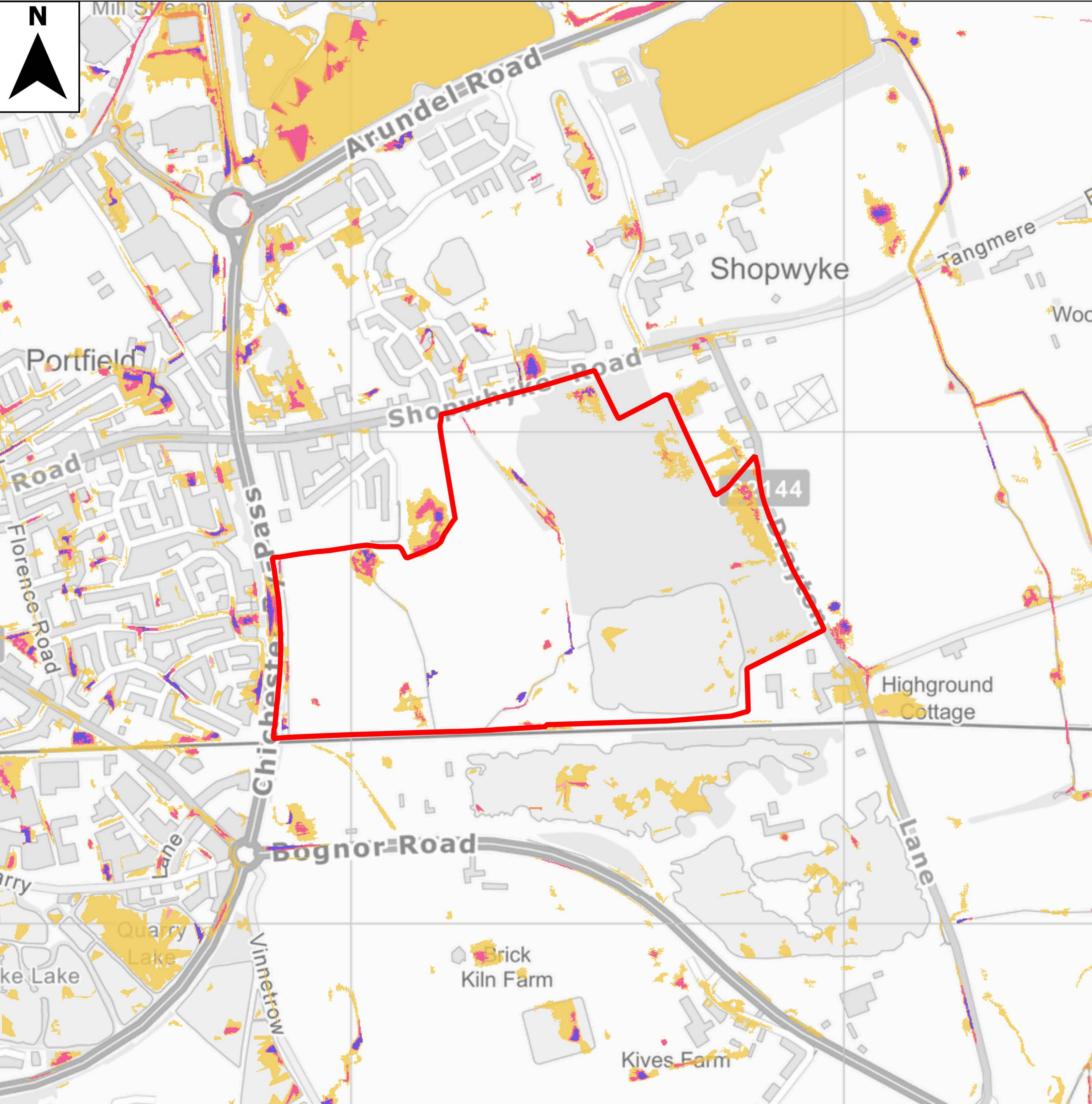
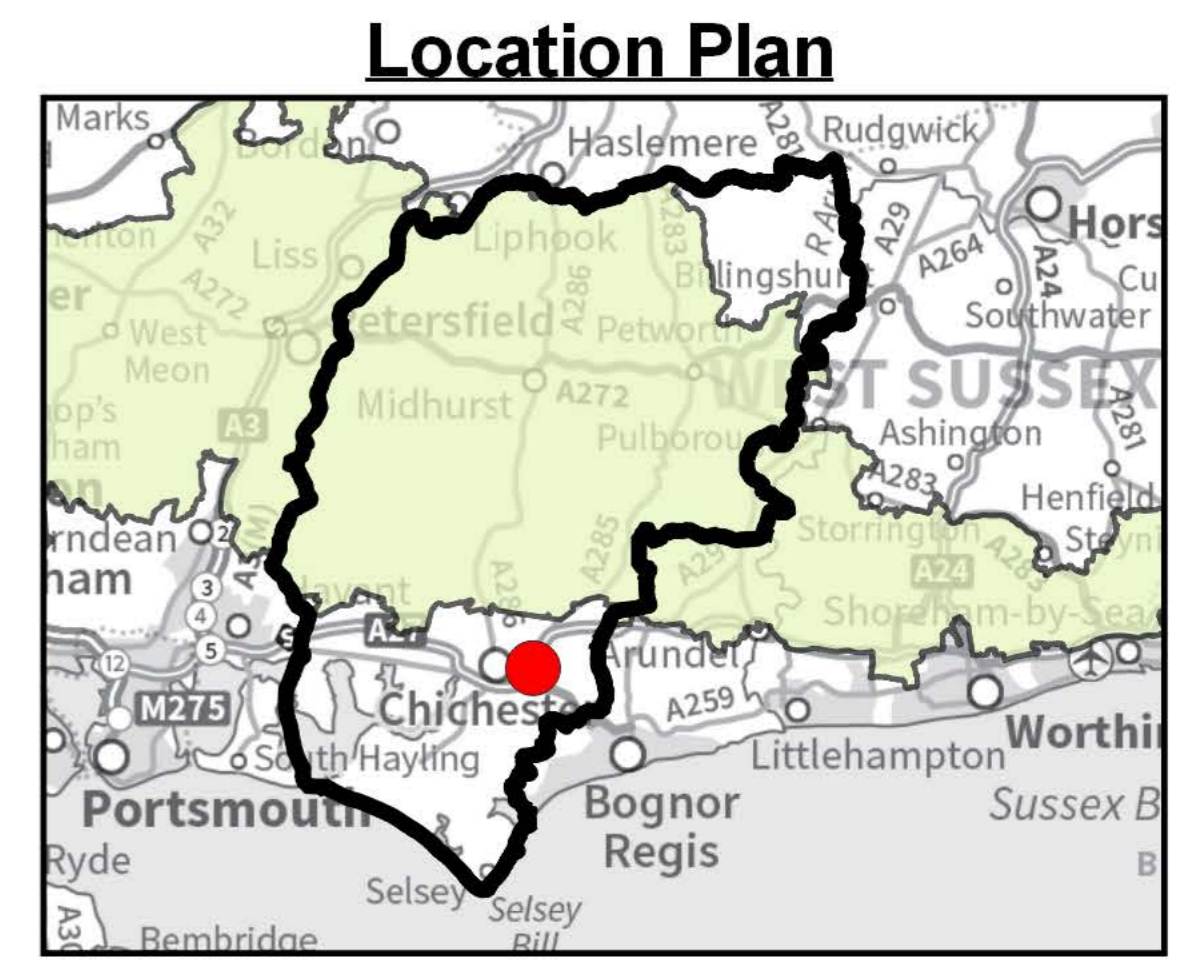


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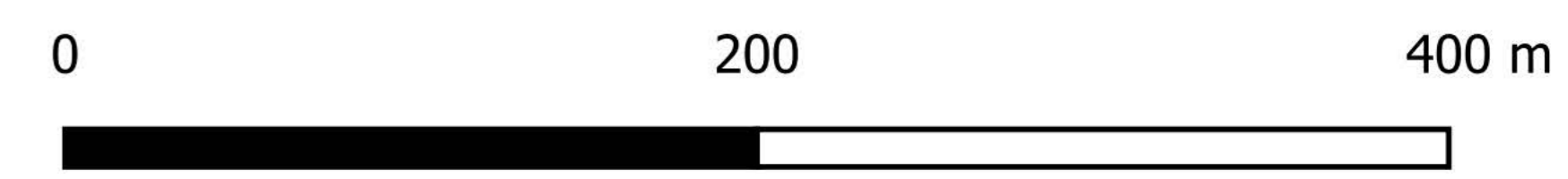


Legend

-  Site boundary
-  Risk of flooding from surface water with climate change extents
-  3.3% AEP
-  3.3% AEP plus 40% climate change
-  1% AEP
-  1% AEP plus 45% climate change
-  0.1% AEP

Notes

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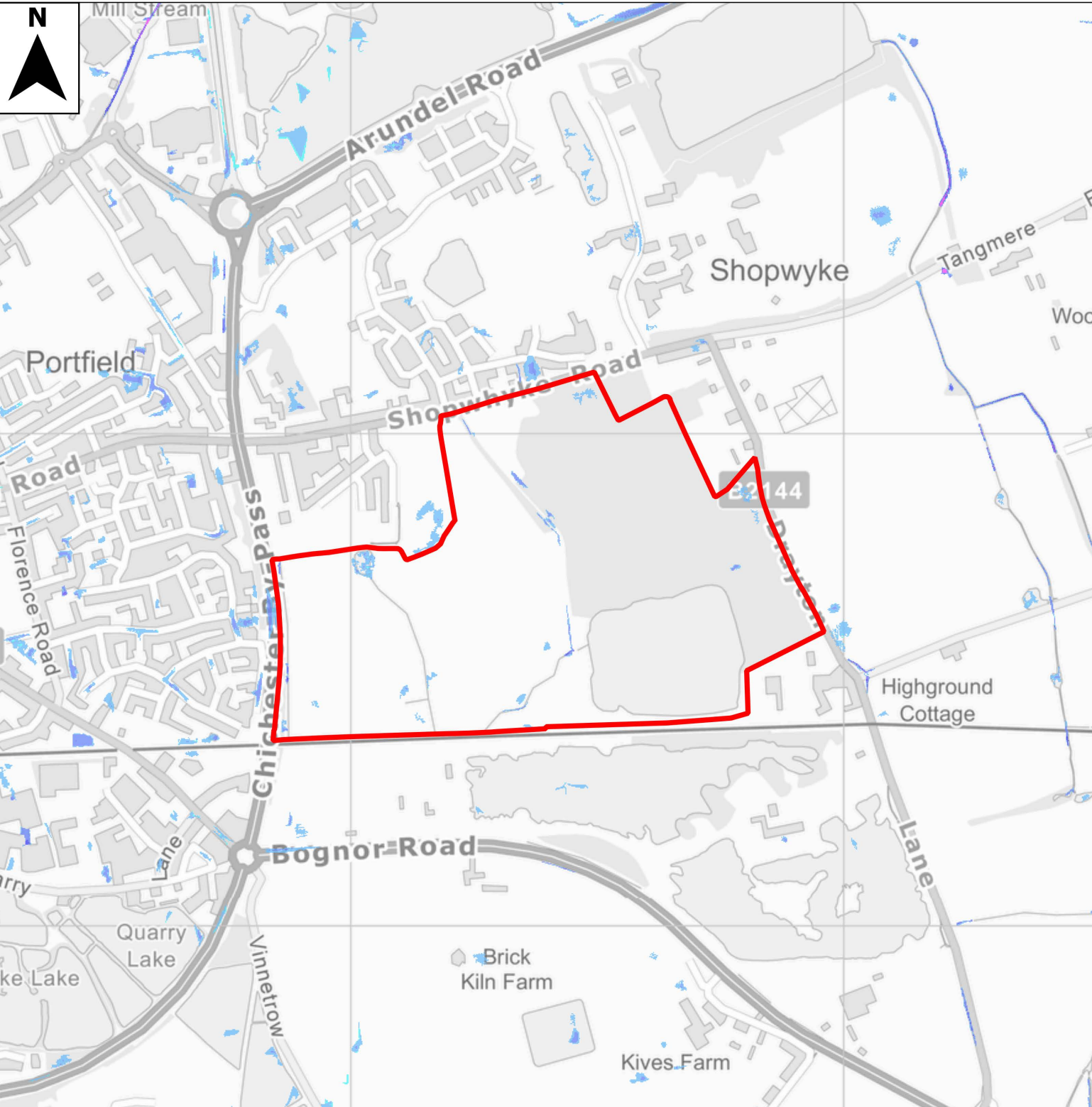
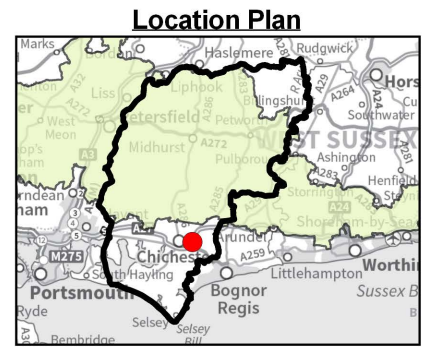


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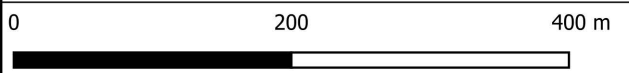


Legend

-  Site boundary
- Risk of Flooding (1% AEP) from Surface Water Depths (m)
-  0.00 - 0.15
-  0.15 - 0.30
-  0.30 - 0.60
-  0.60 - 0.90
-  0.90 - 1.20
-  > 1.20

Notes

The Environment Agency's Risk of Flooding from Surface Water (RoFSW) model is derived primarily from identifying topographical flow paths of existing watercourses or dry valleys that contain some isolated ponding locations in low lying areas. They provide a map which displays different levels of surface water flood risk depending on the annual probability of the land in questions being inundated by surface water. The results should not be used to understand flood risk for individual properties. The results should be used for high level assessments such as SFRAs for local authorities. If a particular site is indicated in the Environment Agency mapping to be at risk from surface water flooding, a more detailed assessment should be considered to more accurately illustrate the flood risk at a site-specific scale.

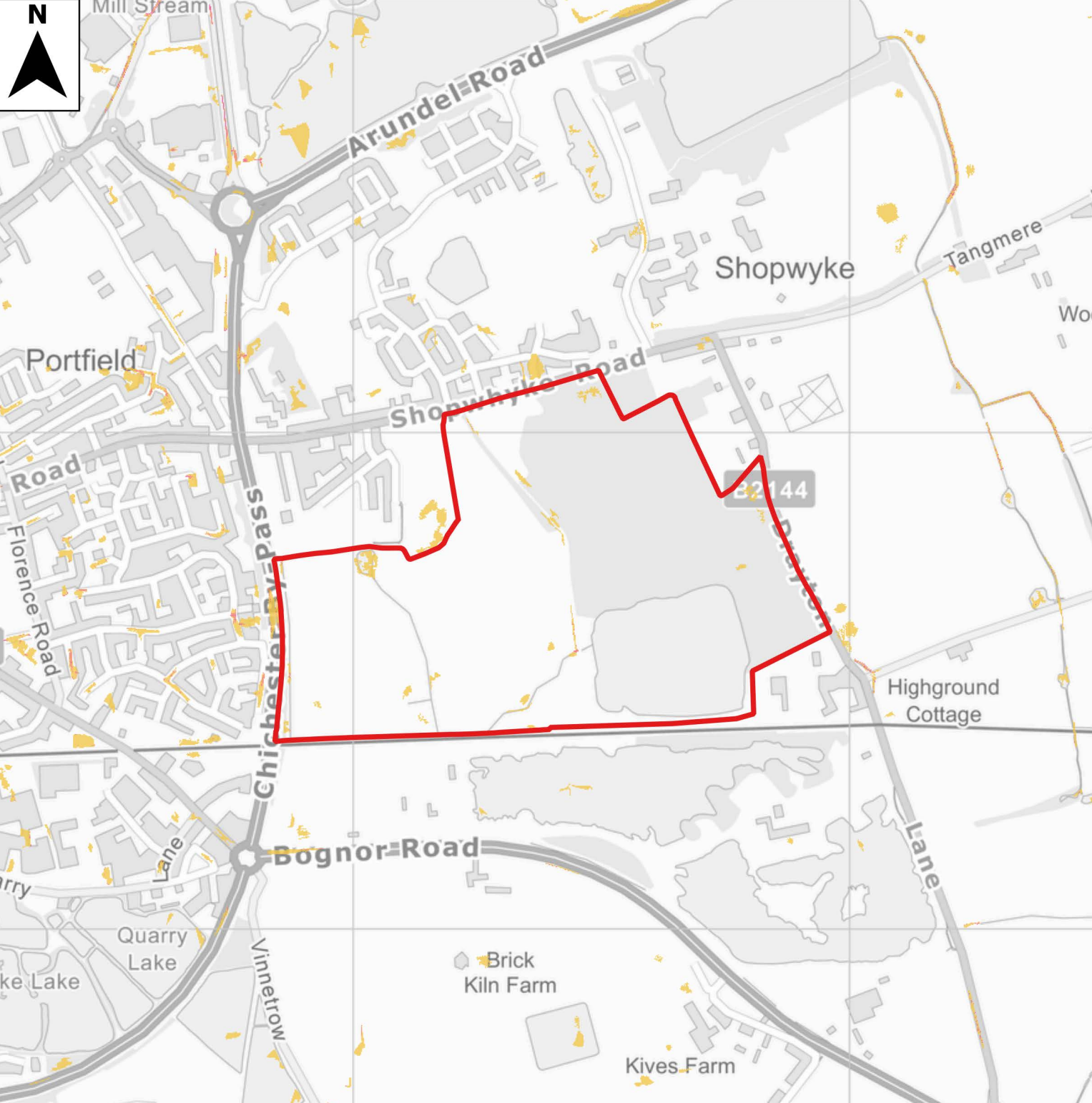


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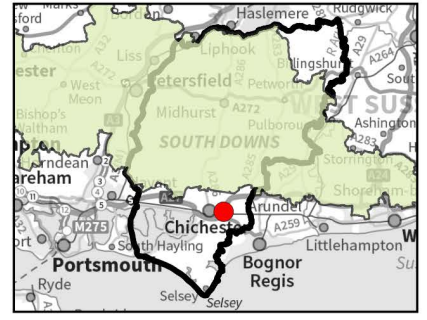
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Location Plan



Legend

 Site boundary

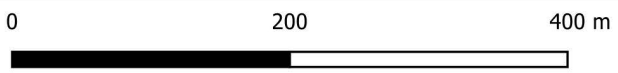
Risk of Flooding from Surface Water (1% AEP)
Velocity (m/s)

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

Notes

The Environment Agency's Risk of Flooding from Surface Water (RoFSW) model is derived primarily from identifying topographical flow paths of existing watercourses or dry valleys that contain some isolated ponding locations in low lying areas. They provide a map which displays different levels of surface water flood risk depending on the annual probability of the land in question being inundated by surface water.

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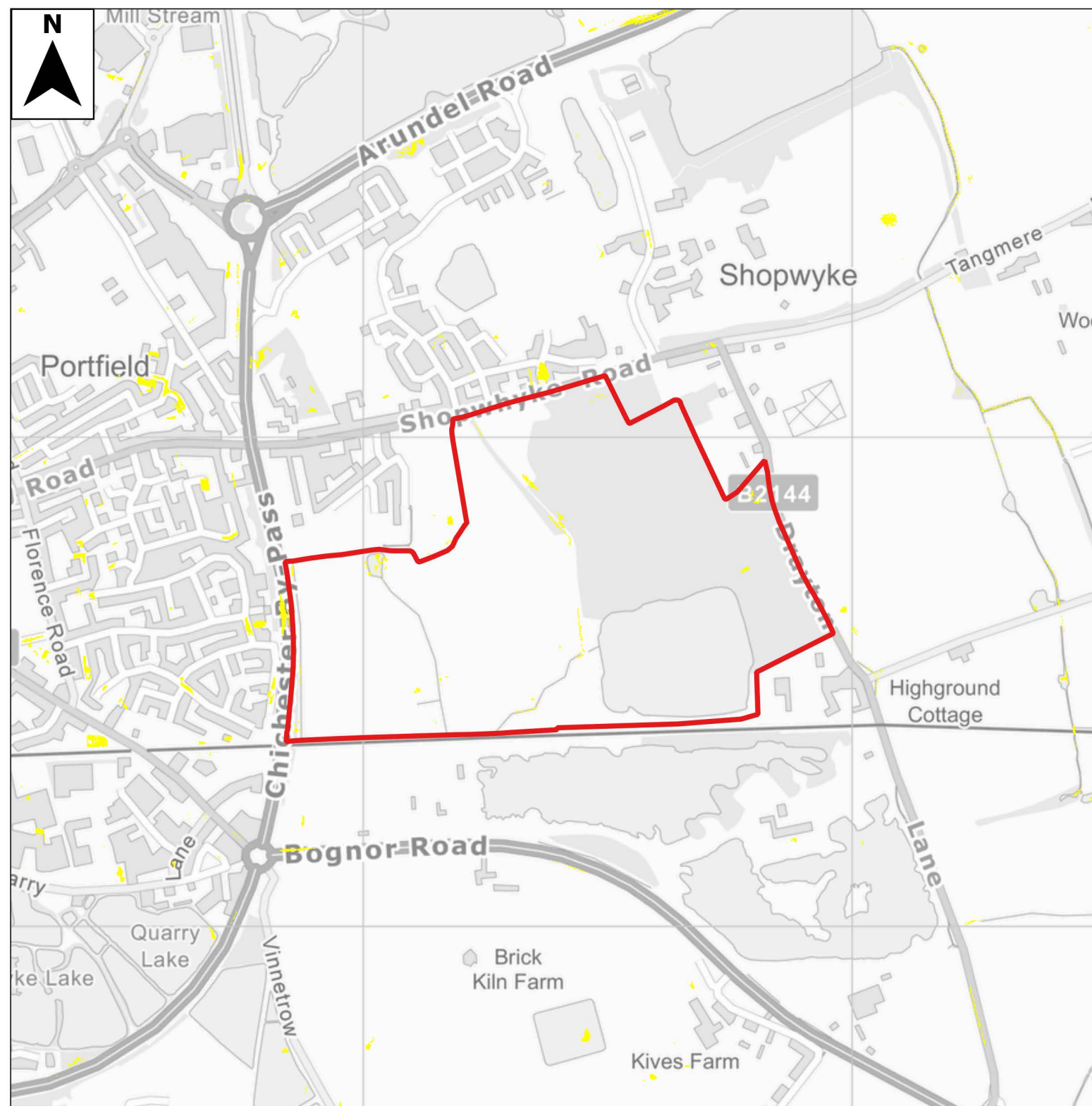


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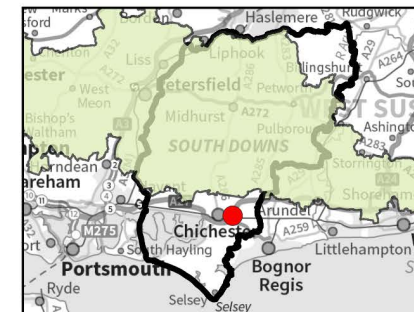
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Location Plan



Legend

-  Site boundary
- Risk of Flooding from Surface Water (1% AEP) Hazard Ratings
-  Very low hazard - caution
-  Danger for some
-  Danger for most
-  Danger for all

Notes

The Environment Agency's Risk of Flooding from Surface Water (RoFSW) model is derived primarily from identifying topographical flow paths of existing watercourses or dry valleys that contain some isolated ponding locations in low lying areas. They provide a map which displays different levels of surface water flood risk depending on the annual probability of the land in questions being inundated by surface water

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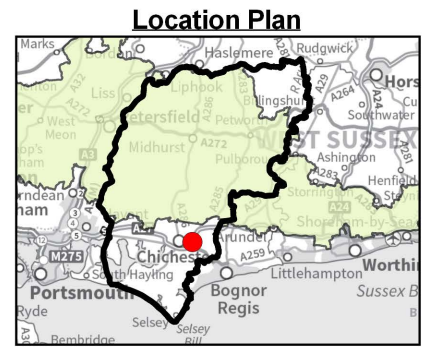
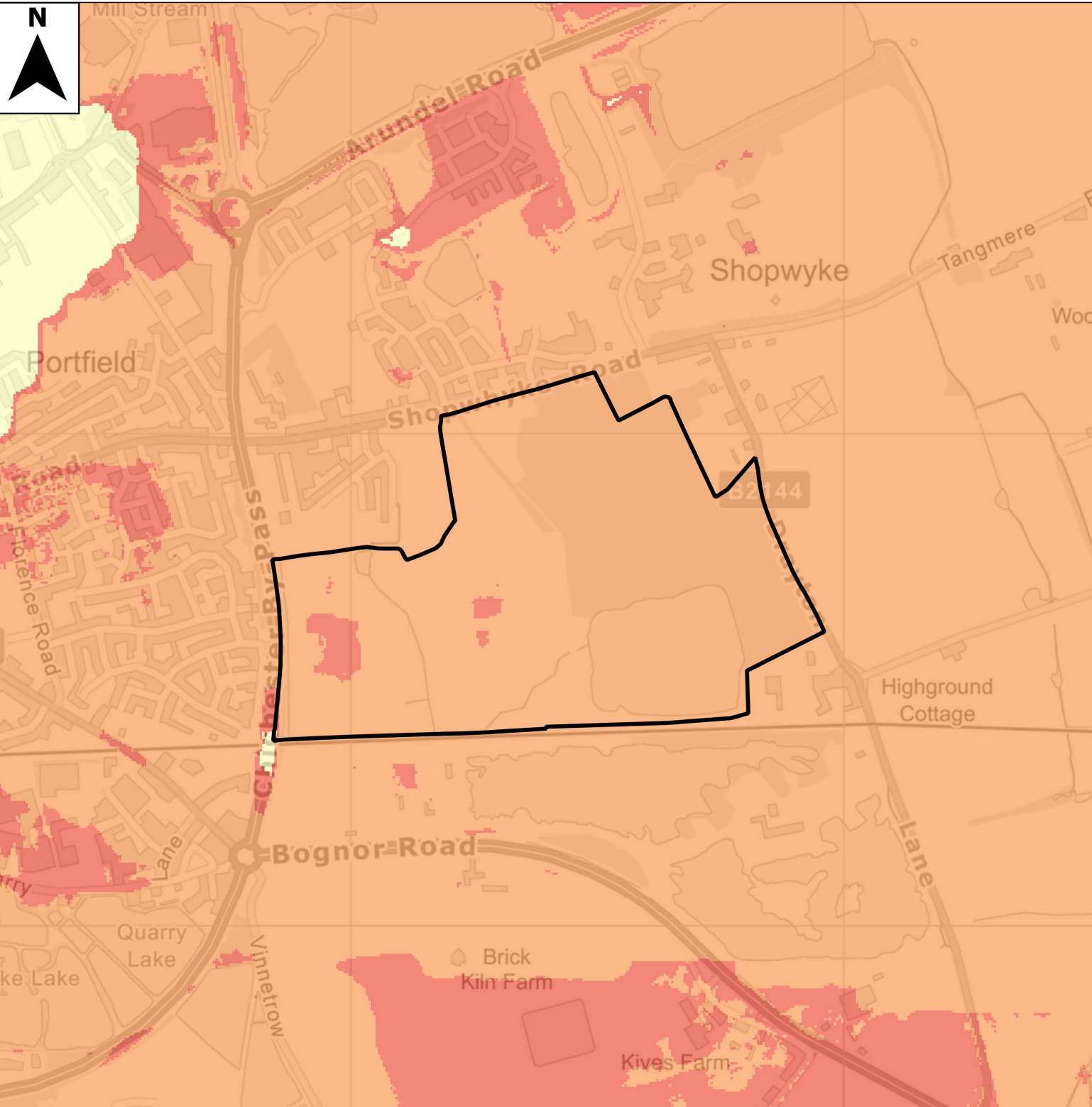


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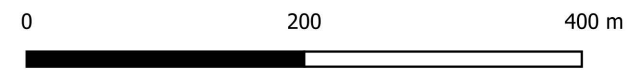
Legend

-  Site boundary
- Geosmart's Groundwater Flood Risk Map - Probability of groundwater flooding
-  High
-  Low
-  Moderate
-  Negligible

Notes

GeoSmart's national groundwater flood risk model takes advantage of all the available data and provides a preliminary indication of groundwater flood risk on a 5m grid for the selected area of coverage on the GW5 map.

The map is a general purpose indicative screening tool, and is intended to provide a useful initial view for a wide variety of applications.

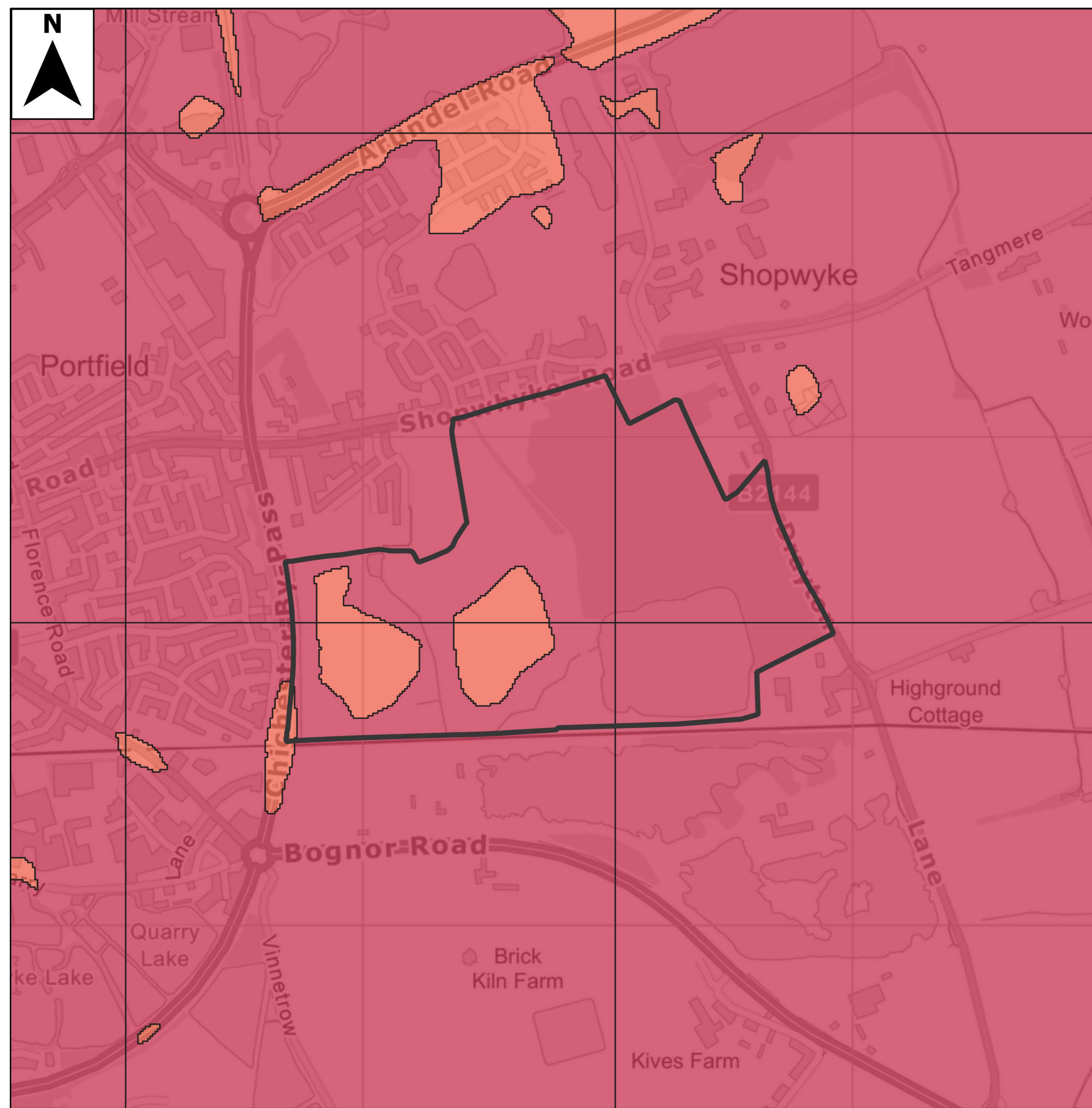


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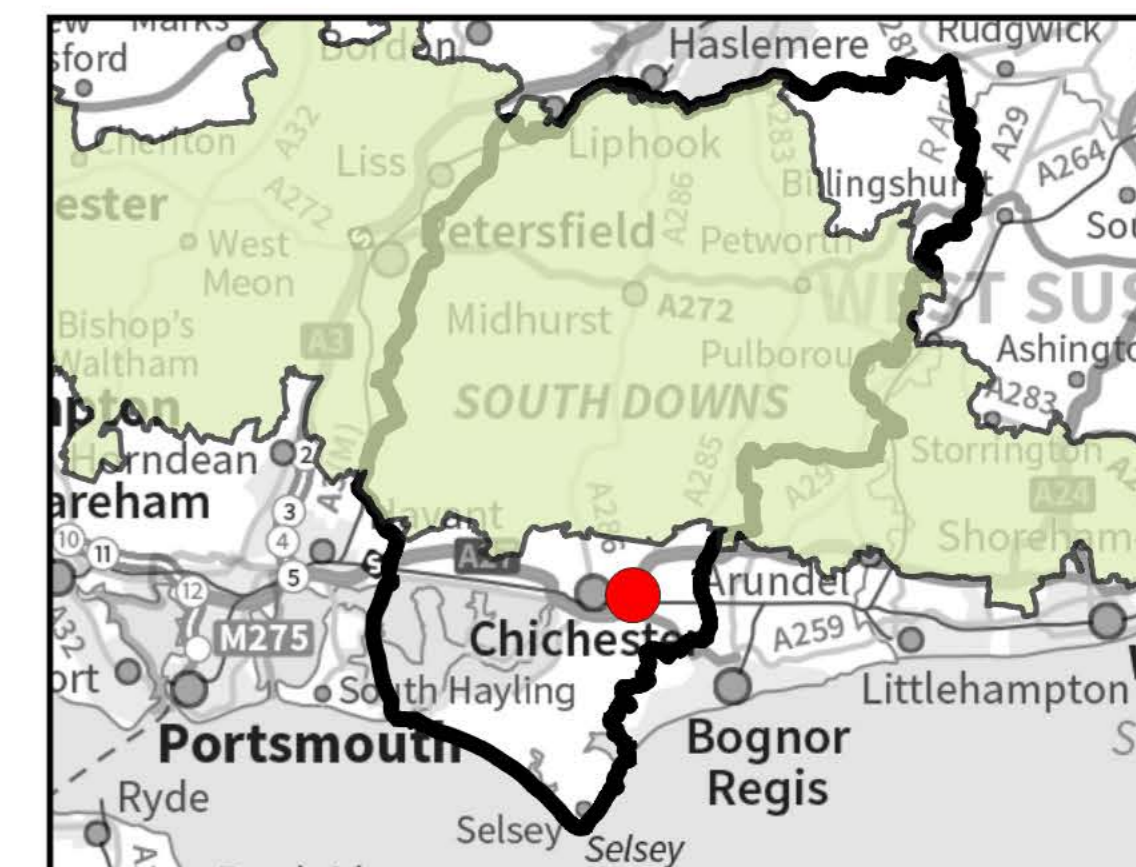
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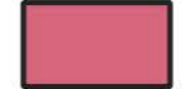


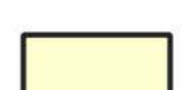




Location Plan



Legend

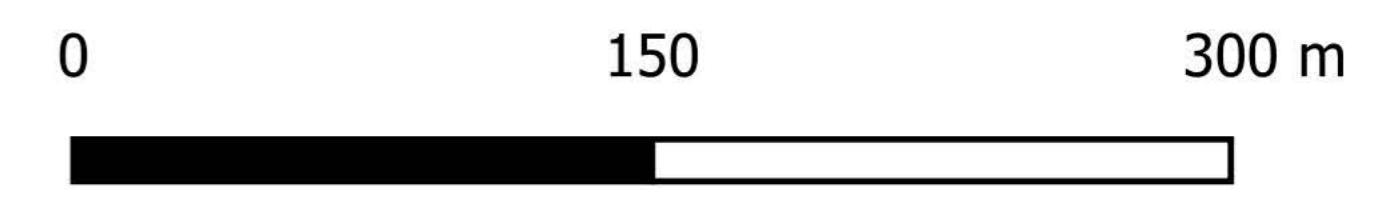
-  Site boundary
- Groundwater levels
-  Groundwater levels are either at or very near (within 0.025m of) the ground surface
-  Groundwater levels are between 0.025m and 0.5m below the ground surface
-  Groundwater levels are between 0.5m and 5m below the ground surface
-  Groundwater levels are at least 5m below the ground surface

Notes

JBA has developed a range of Groundwater Flood Map products at national scale.

It should be noted that the JBA Groundwater Flood Map is suitable for general broad-scale assessment of the groundwater flood hazard in an area but is not explicitly designed for the assessment of flood hazard at the scale of a single property.

In high-risk areas a site-specific risk assessment for groundwater flooding is recommended to fully inform on the likelihood of flooding.

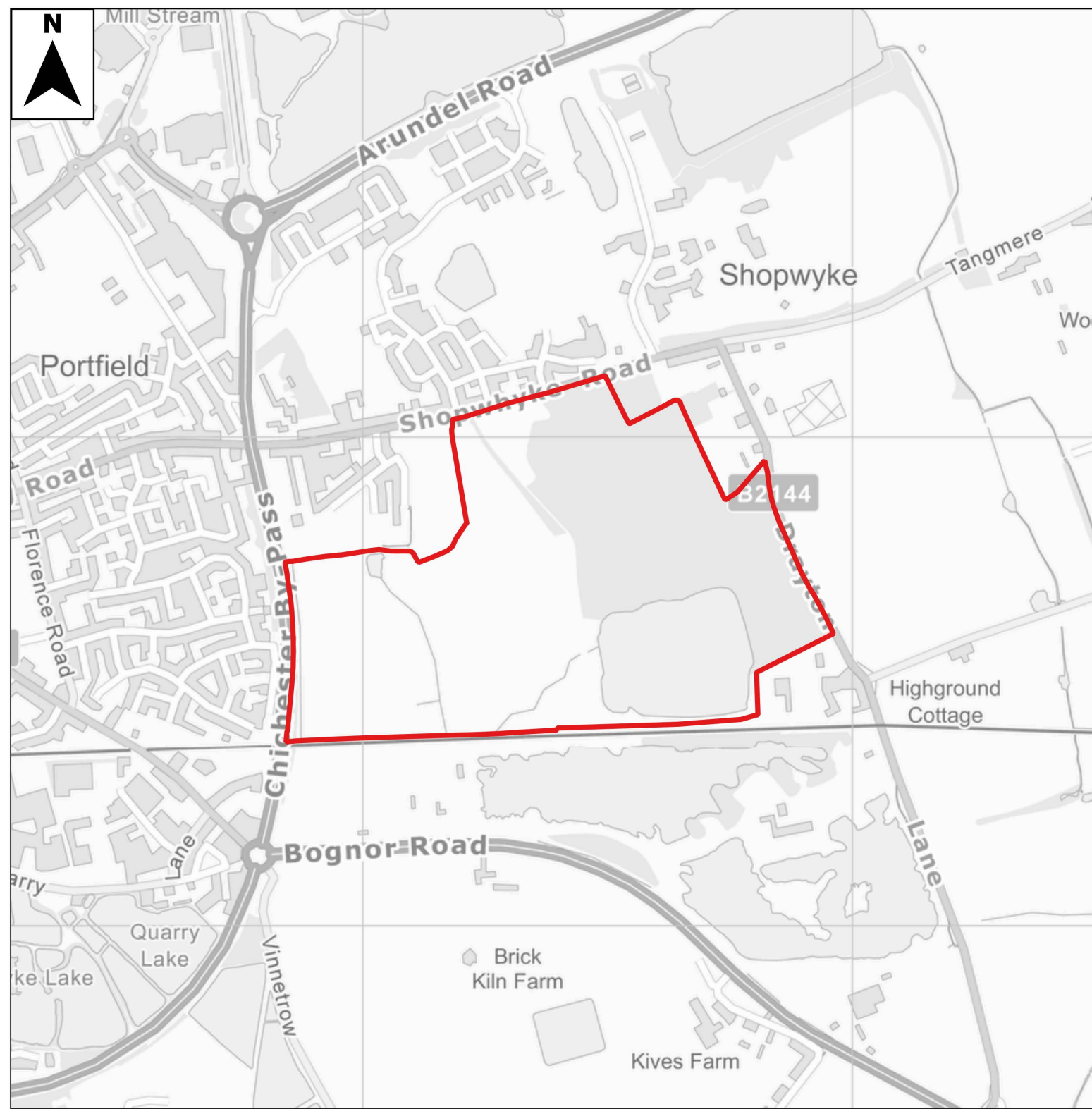


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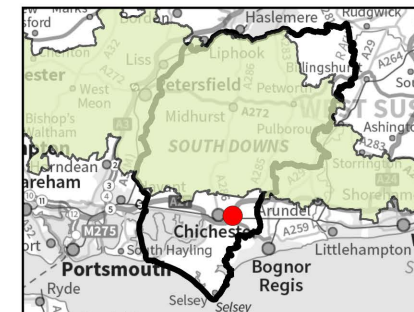
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Location Plan



Legend

-  Site boundary
- Risk of Flooding from Reservoirs**
-  Dry day
-  Wet day

Notes

The risk of inundation due to reservoir breach or failure of reservoir breach or failure of reservoirs within the area has been mapped using the outlines available by the Environment Agency.

The “dry-day” scenario predicts the flooding that would occur if the reservoir failed when rivers are at normal levels.

The “wet day” scenario predicts how much worse the flooding might be if a river is already experiencing an extreme natural flood.

The mapping represents a prediction of a credible worst case scenario, however it’s unlikely that any actual flood would be this large. More than one reservoir could affect a location at the same time. The data gives no indication of the likelihood or probability of reservoir flooding.

0 200 400 m

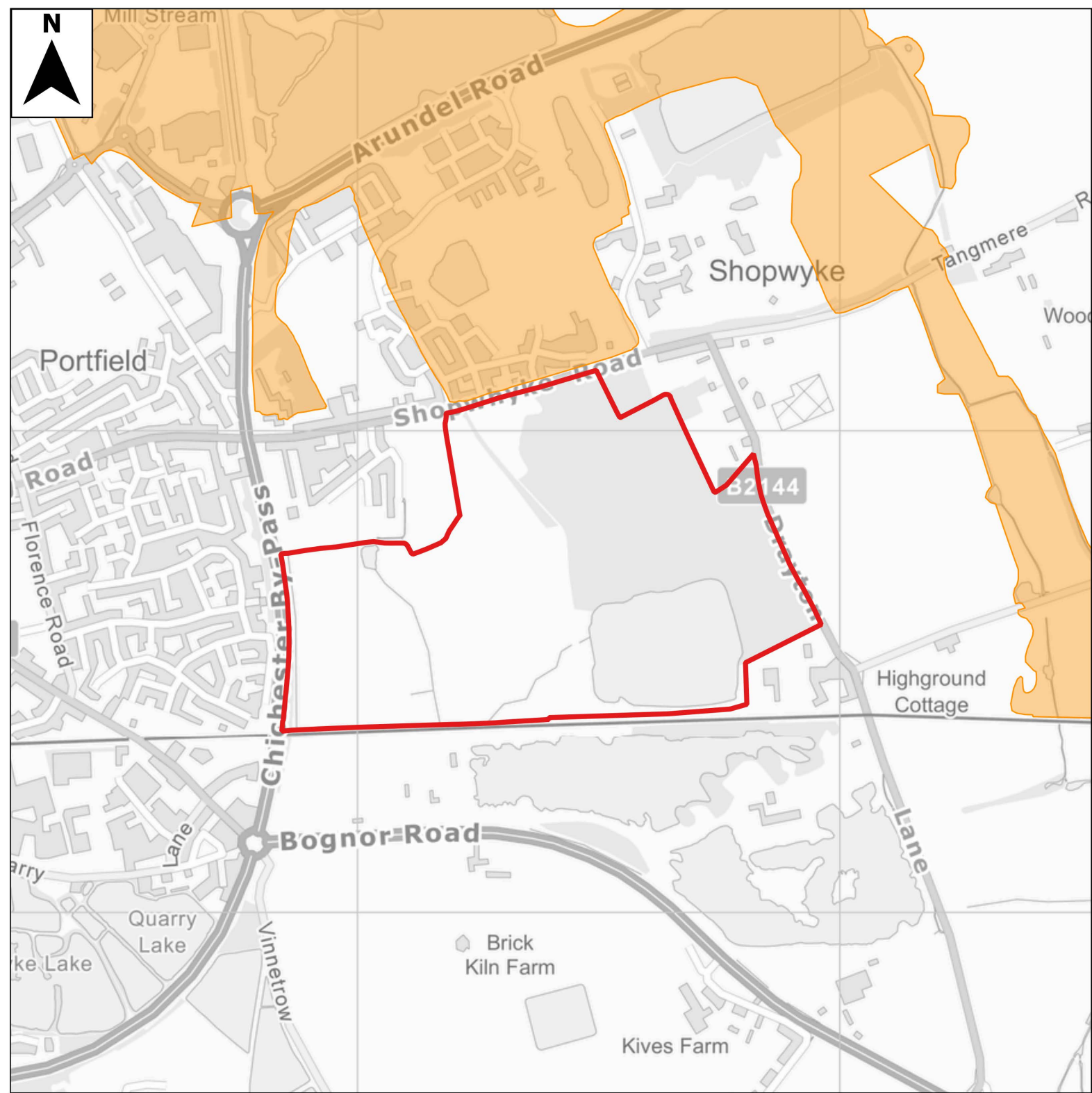


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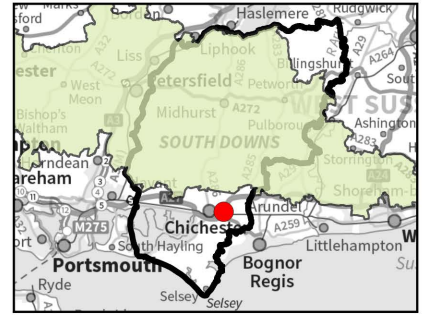
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Location Plan



Legend

-  Site boundary
-  Recorded Flood Outlines

Notes

The Historic Flood Map shows the recorded incidents and flood outlines provided by West Sussex County Council and Environment Agency.

Flooding incidents provided have been categorised based upon the details provided in the records. Unknown flood points could not be determined from the information provided, and therefore could be from a number of sources.

Please note that not all historical records may be shown on this map, and that it is therefore advised you contact the Environment Agency or West Sussex County Council for updated information.

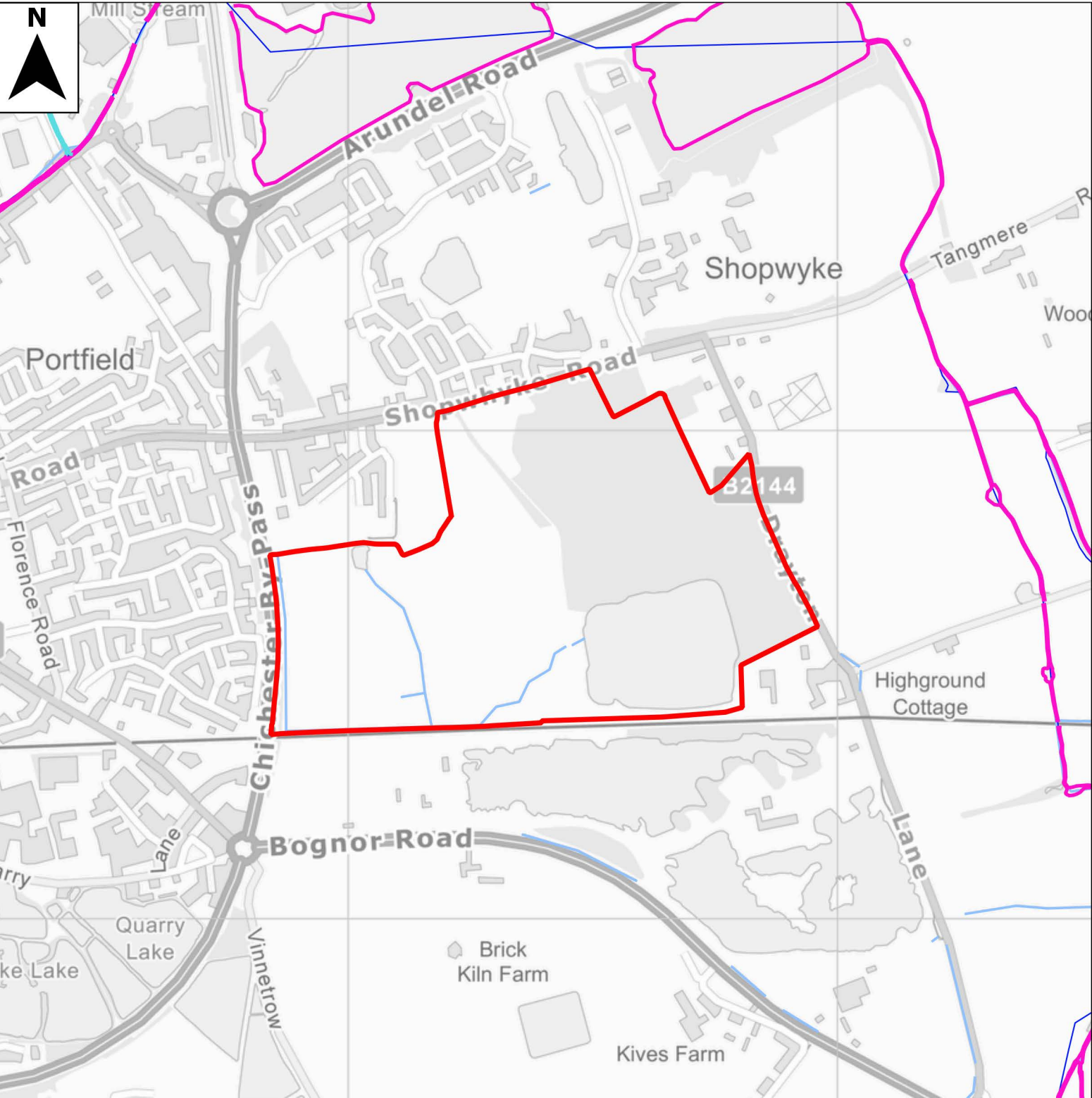
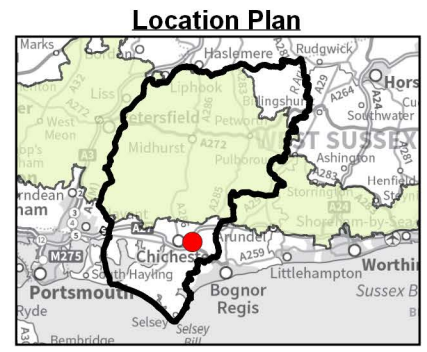


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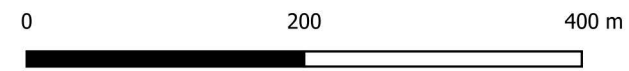


Legend

-  Site boundary
-  Main Rivers
-  Ordinary watercourses
- Flood Defences
-  Embankment
-  Natural High Ground

Notes

The Environment Agency regularly reviews its spatial flood defences dataset, and it is important that they are approached to determine whether updated more accurate information is available prior to commencing a site specific FRA.



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