



Key Plan



Legend

-  WDWP Boundary
 -  Limited potential for groundwater flooding to occur
 -  Potential for groundwater flooding of property situated below ground level
 -  Potential for groundwater flooding to occur at surface
- 0 4 8 16
 Kilometers

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Technical Note

The BGS Susceptibility to Groundwater Flooding dataset is a national dataset covering England, Wales and Scotland. Based on geological and hydrogeological information, the digital data can be used to identify areas where geological conditions could enable groundwater flooding to occur and where groundwater may come close to the ground surface. It is based on a 50m square grid.

The dataset has been generated using ESRI ArcMap software creating a GIS layer comprised of polygons that indicate the susceptibility to groundwater flooding. The susceptibility is split into three classes (A, B and C) of susceptibility to groundwater flooding. These are defined as follows:

- A: Limited potential for groundwater flooding to occur
- B: Potential for groundwater flooding of property situated below ground level
- C: Potential for groundwater flooding to occur at surface

Onshore areas outside of these classes are not considered to be prone to groundwater flooding based on the data used. The dataset does not show the likelihood of groundwater flooding occurring and does not take account of the chance of flooding from groundwater rebound. It 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 data should be used only in combination with other information, for example local data or historic data.

WEST DORSET DISTRICT COUNCIL & WEYMOUTH AND PORTLAND BOROUGH COUNCIL LEVEL 1 SFRA

APPENDIX A

BGS Susceptibility to Groundwater Flooding

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