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## Groundwater Vulnerability

### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

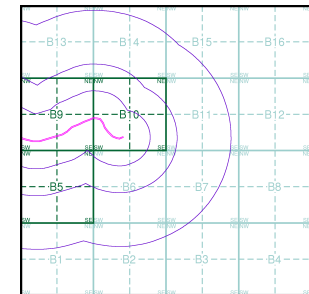
### Agency and Hydrological

#### Geological Classes

- |                                               |  |                       |
|-----------------------------------------------|--|-----------------------|
| <b>Major Aquifer<br/>(Highly Permeable)</b>   |  | High (H) 1, 2, 3, U   |
|                                               |  | Intermediate (I) 1, 2 |
|                                               |  | Low                   |
| <b>Minor Aquifer<br/>(Variably Permeable)</b> |  | High (H) 1, 2, 3, U   |
|                                               |  | Intermediate (I) 1, 2 |
|                                               |  | Low                   |
| <b>Non Aquifer<br/>(Negligibly Permeable)</b> |  |                       |
| <b>Water or Sea</b>                           |  |                       |
| <b>Drift Deposit</b>                          |  |                       |

#### Soil Classes

### Site Sensitivity Context Map - Slice B



### Order Details

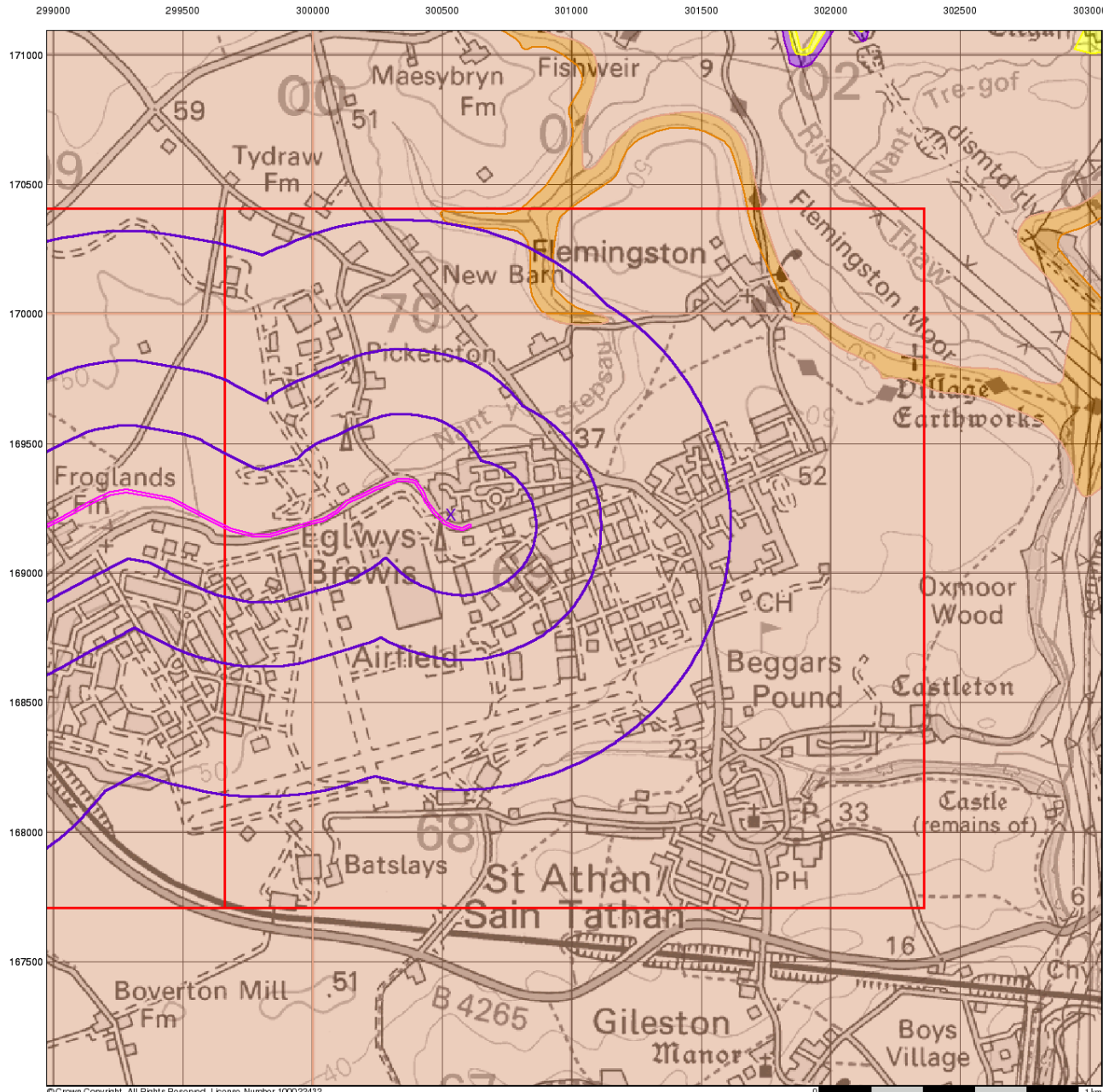
Order Number: 91812710\_1.1  
 Customer Ref: 60509148  
 National Grid Reference: 300530, 169230  
 Slice: B  
 Site Area (Ha): 3.32  
 Search Buffer (m): 1000

### Site Details

St Athan Route, Cowbridge, South Glamorgan, CF71 7EQ



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## Bedrock Aquifer Designation

### General

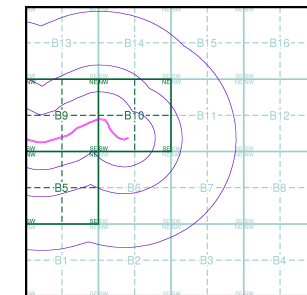
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice B



### Order Details

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## Superficial Aquifer Designation

### General

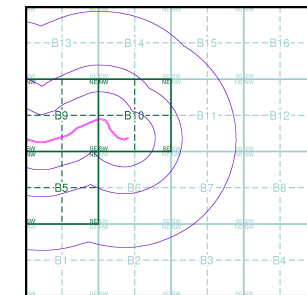
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice B



### Order Details

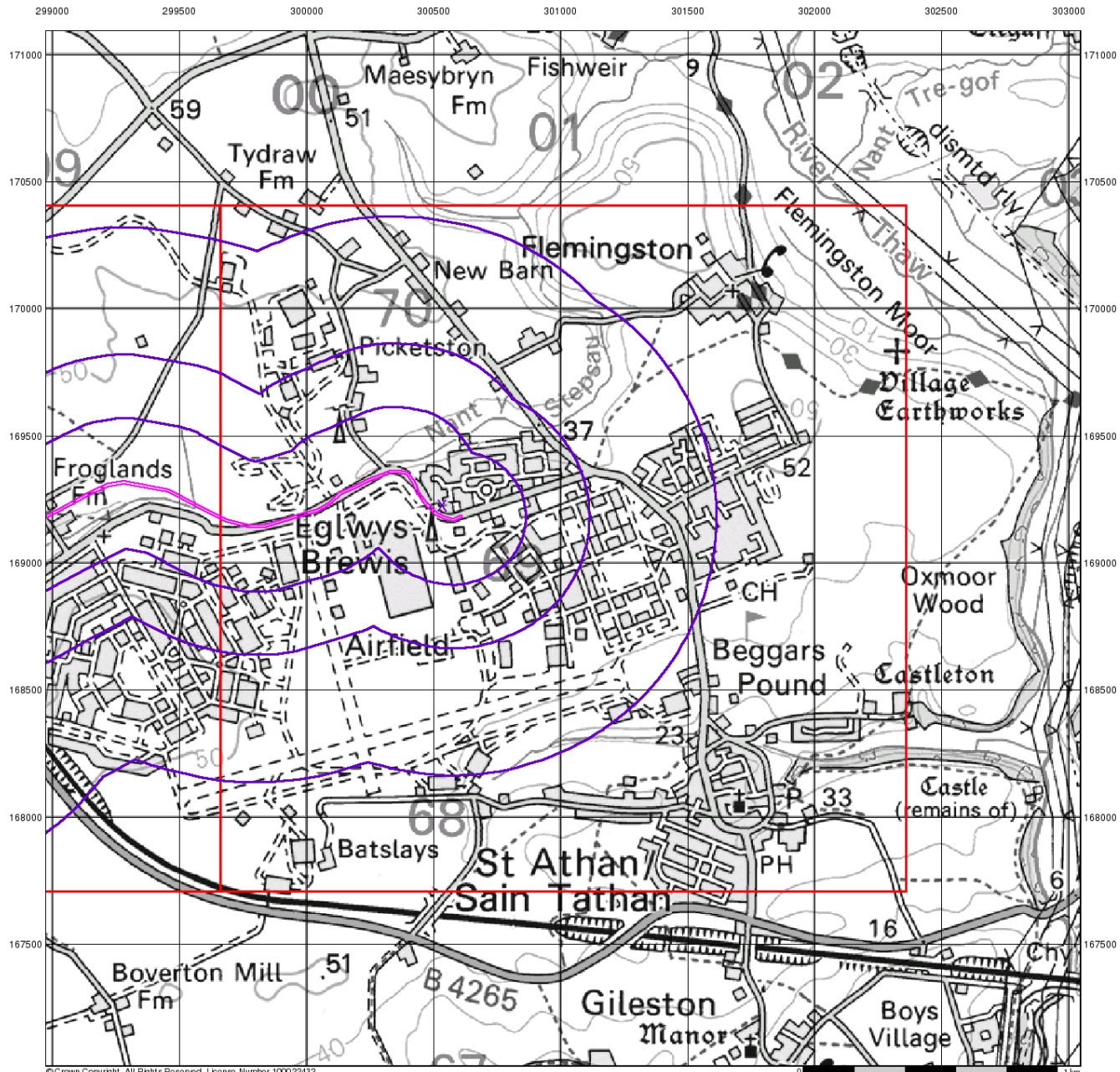
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









## Source Protection Zones

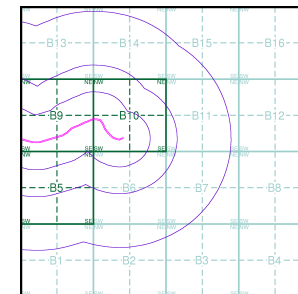
### General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

### Agency and Hydrological

-  Inner zone (Zone 1)
-  Inner zone - subsurface activity only (Zone 1c)
-  Outer zone (Zone 2)
-  Outer zone - subsurface activity only (Zone 2c)
-  Total catchment (Zone 3)
-  Total catchment - subsurface activity only (Zone 3c)
-  Special interest (Zone 4)
-  Source Protection Zone Borehole

## Site Sensitivity Context Map - Slice B



### Order Details

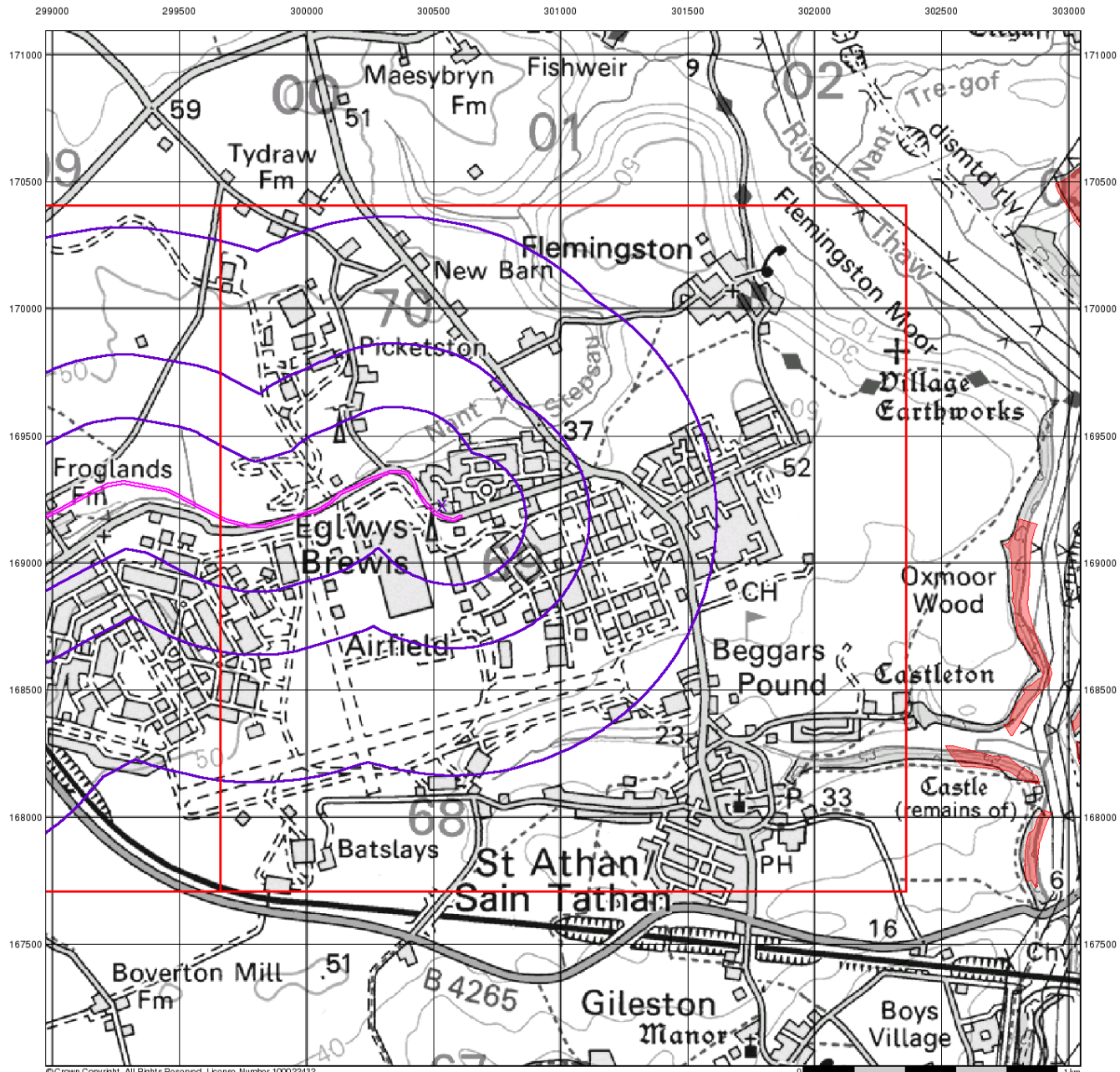
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## Sensitive Land Uses

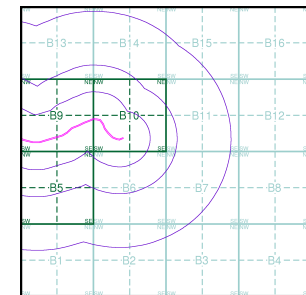
### General

- Specified Site
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- Slice
- Map ID

### Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

### Site Sensitivity Context Map - Slice B



### Order Details

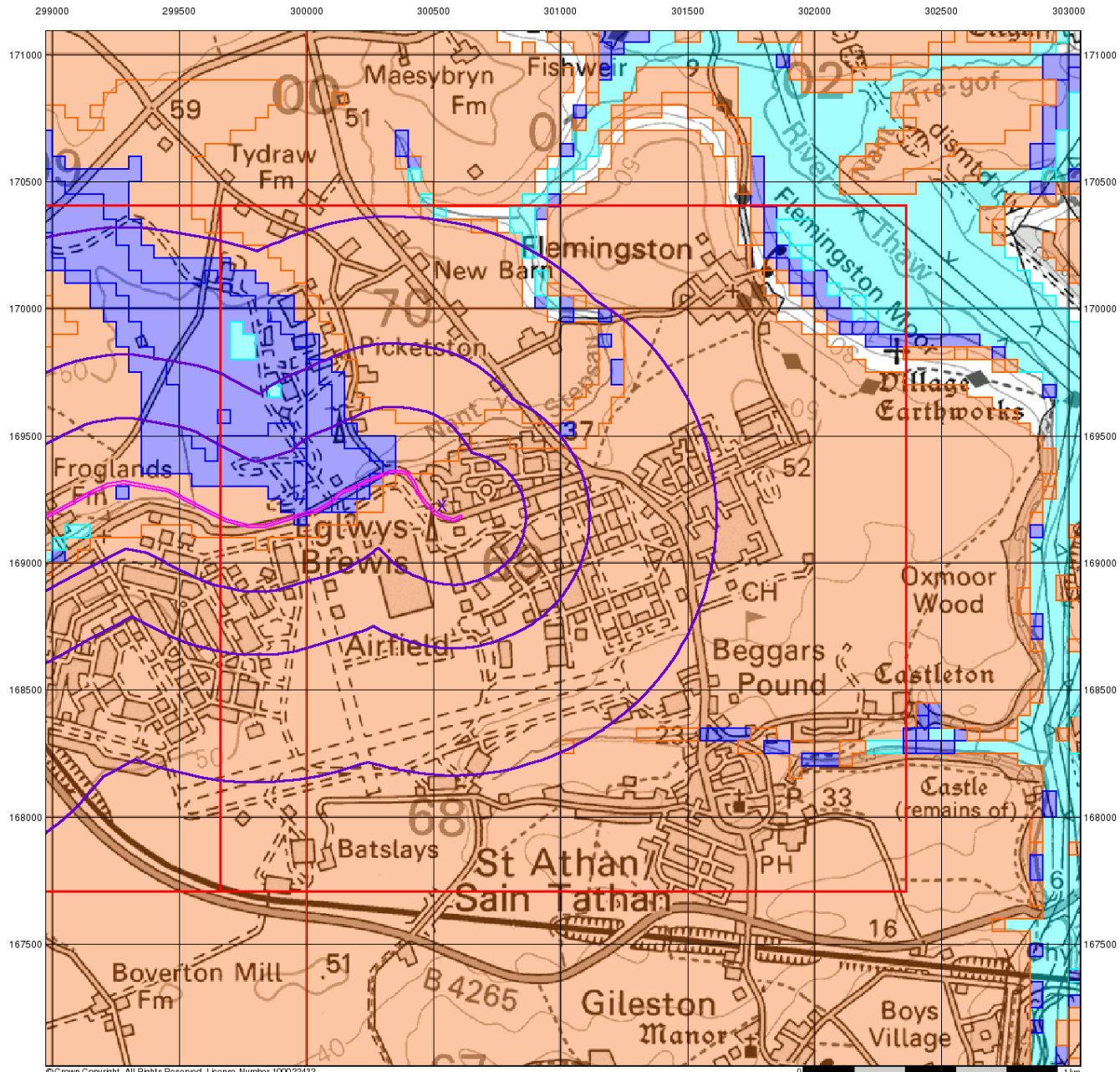
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### BGS Flood GFS Data

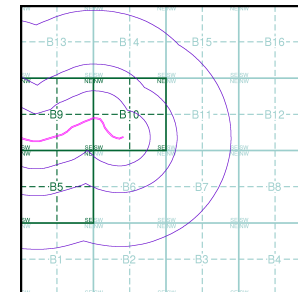
#### General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice

#### Agency and Hydrological (Flood)

- 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

### Site Sensitivity Context Map - Slice B



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