

Appendix A Collection of Flood Maps and Figures

Figure 1 Site Location Map (Source: Ordnance Survey Online Maps)

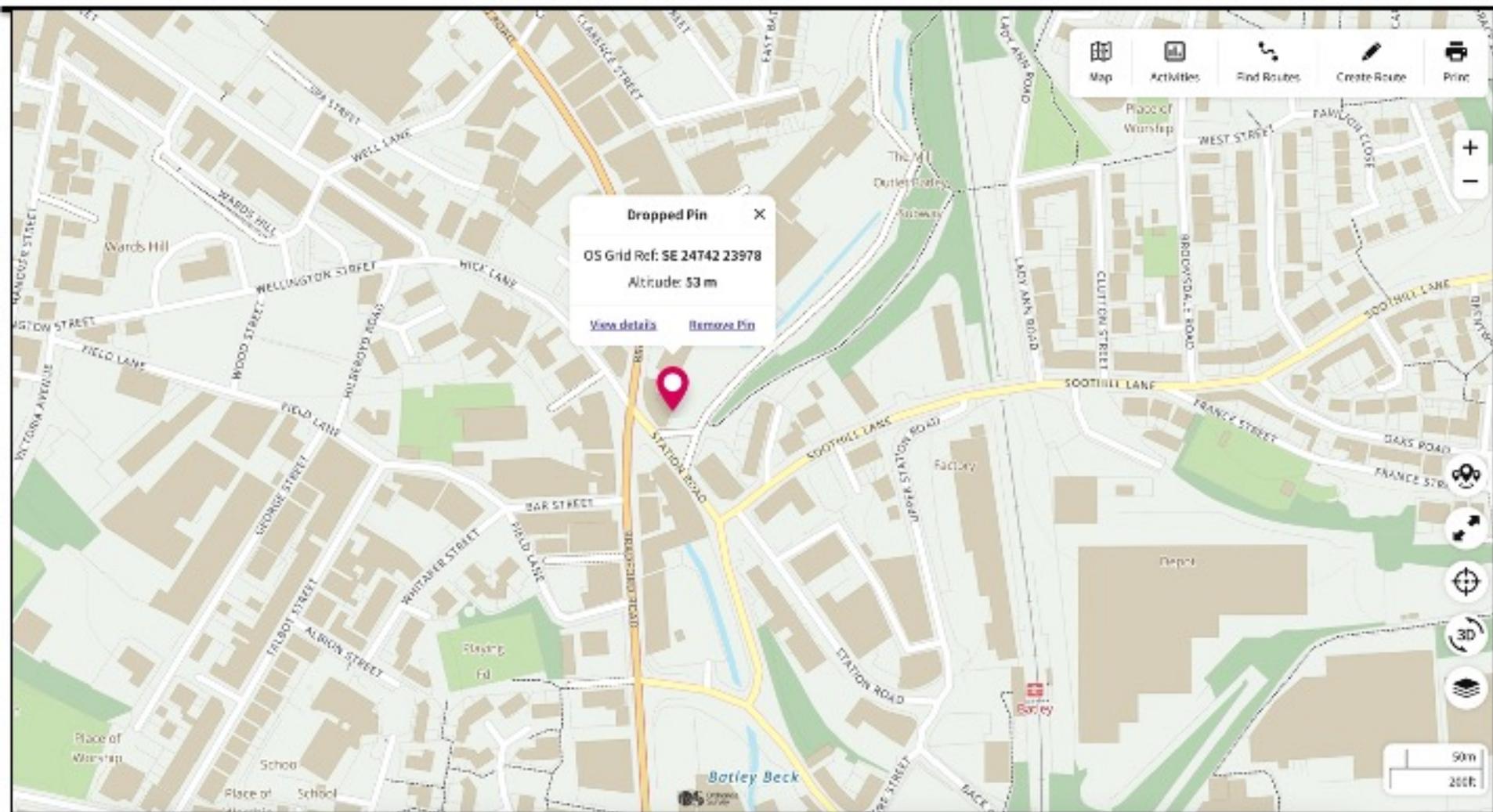
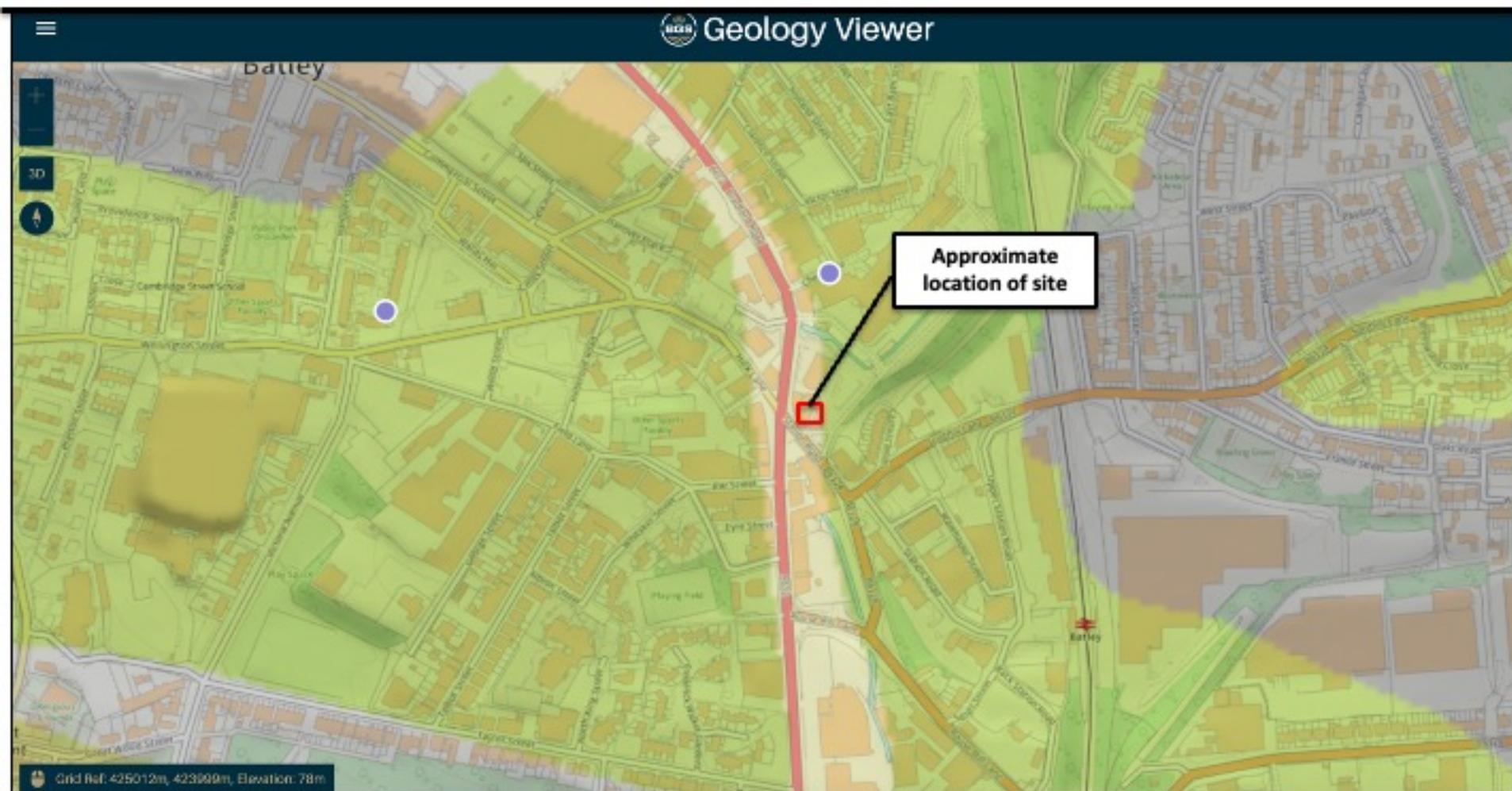


Figure 2 Site Location Map (Source: Google Maps)



Figure 3 Geological Map of the Site
(Source: British Geological Survey Geological Britain Viewer)



Site Geology

Bedrock geology description: Thornhill Rock - Sandstone. Sedimentary bedrock formed between 318 and 315.2 million years ago during the Carboniferous period.

Superficial deposits description: Alluvium - Clay, silt, sand and gravel. Sedimentary superficial deposit formed between 11.8 thousand years ago and the present during the Quaternary period.

Figure 4 Environment Agency's Historic Flood Map

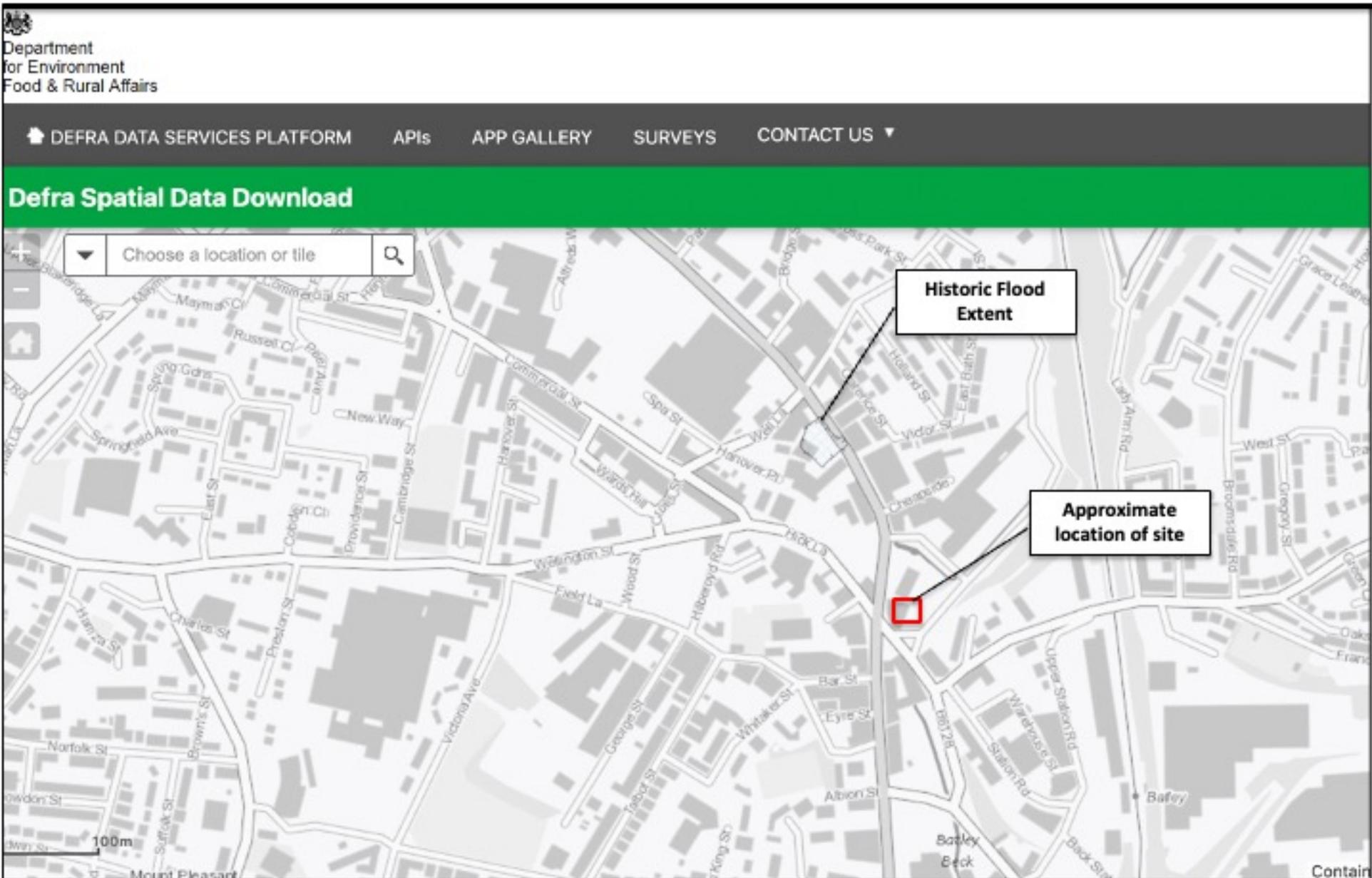


Figure 6 Environment Agency's Flood Risk Map



Contains OS data © Crown copyright and database rights 2023

Extent of flooding from rivers or the sea

- High
- Medium
- Low
- Very low
- Location you selected

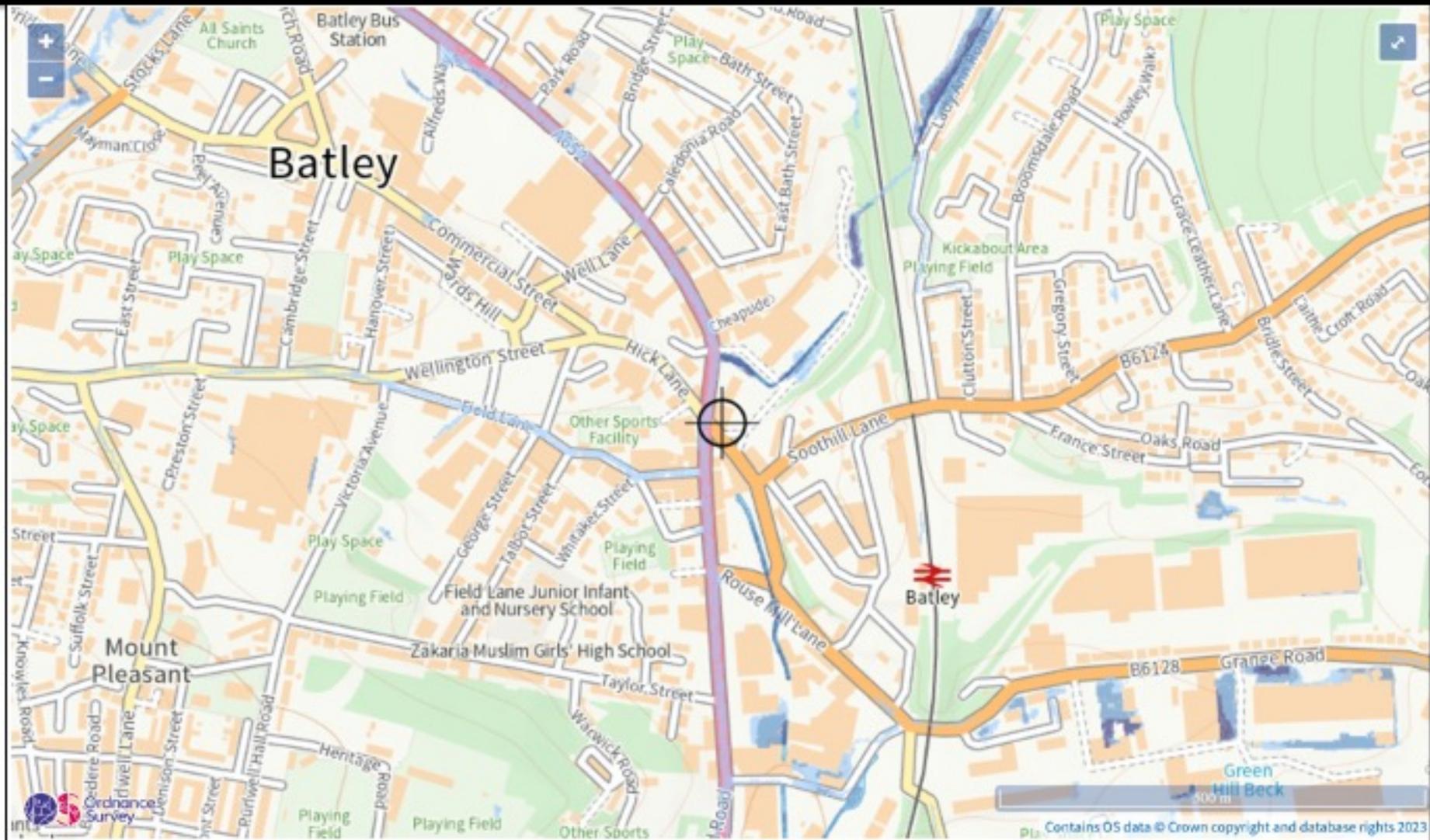
Figure 7 Environment Agency's Surface Water Flood Risk Map



Extent of flooding from surface water

● High ● Medium ● Low ○ Very low ⊕ Location you selected

Figure 8 Environment Agency's Surface Water Flood Depth Map

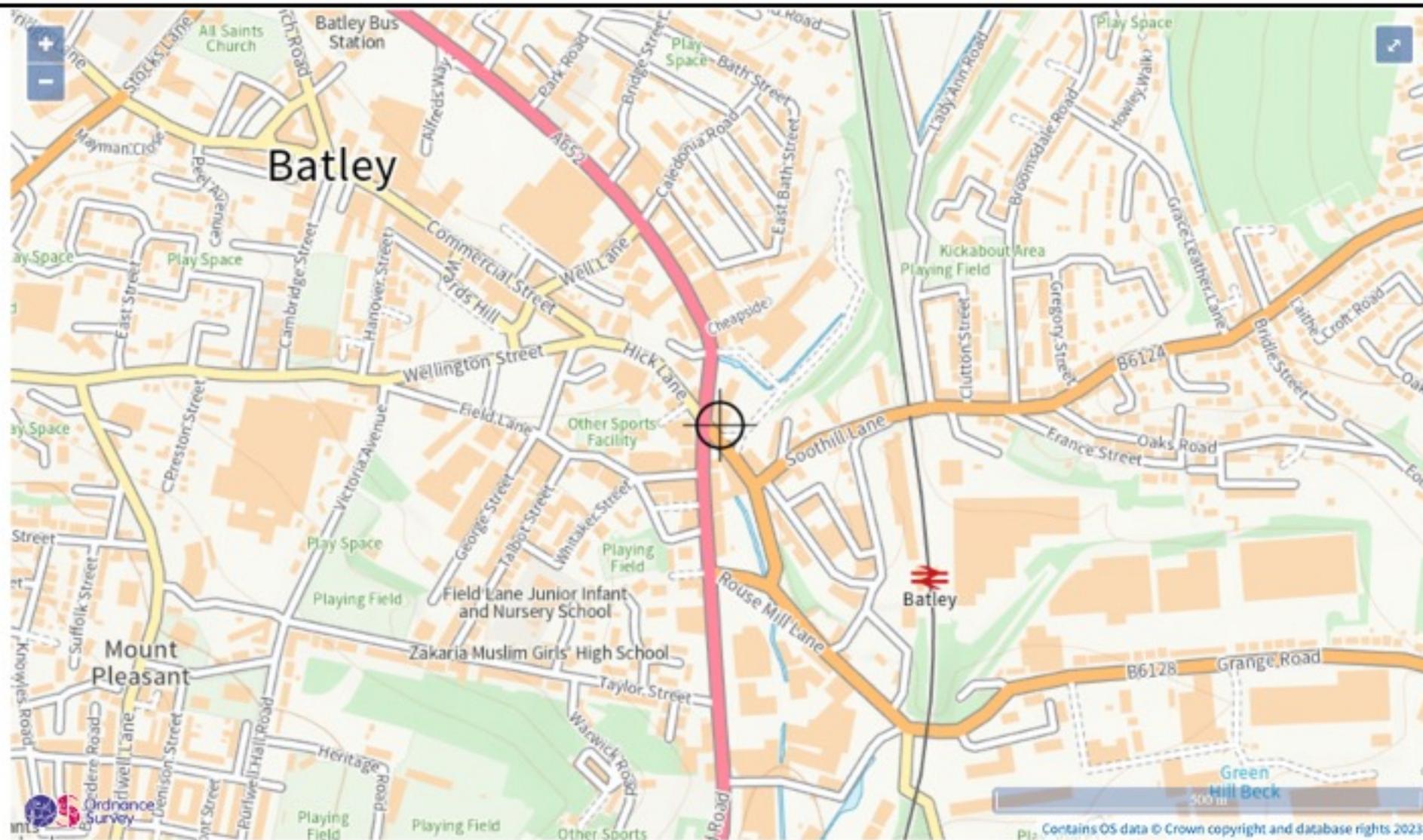


Surface water flood risk: water depth in a high risk scenario

Flood depth (millimetres)

- Over 900mm
- 300 to 900mm
- Below 300mm
- Location you selected

Figure 9 Environment Agency's Reservoir Flood Risk Map



Maximum extent of flooding from reservoirs:

-  when river levels are normal
-  when there is also flooding from rivers
-  Location you selected

Figure 10 Environment Agency's Flood Warning Area Map

