

Appendix A Collection of Flood Maps and Figures

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

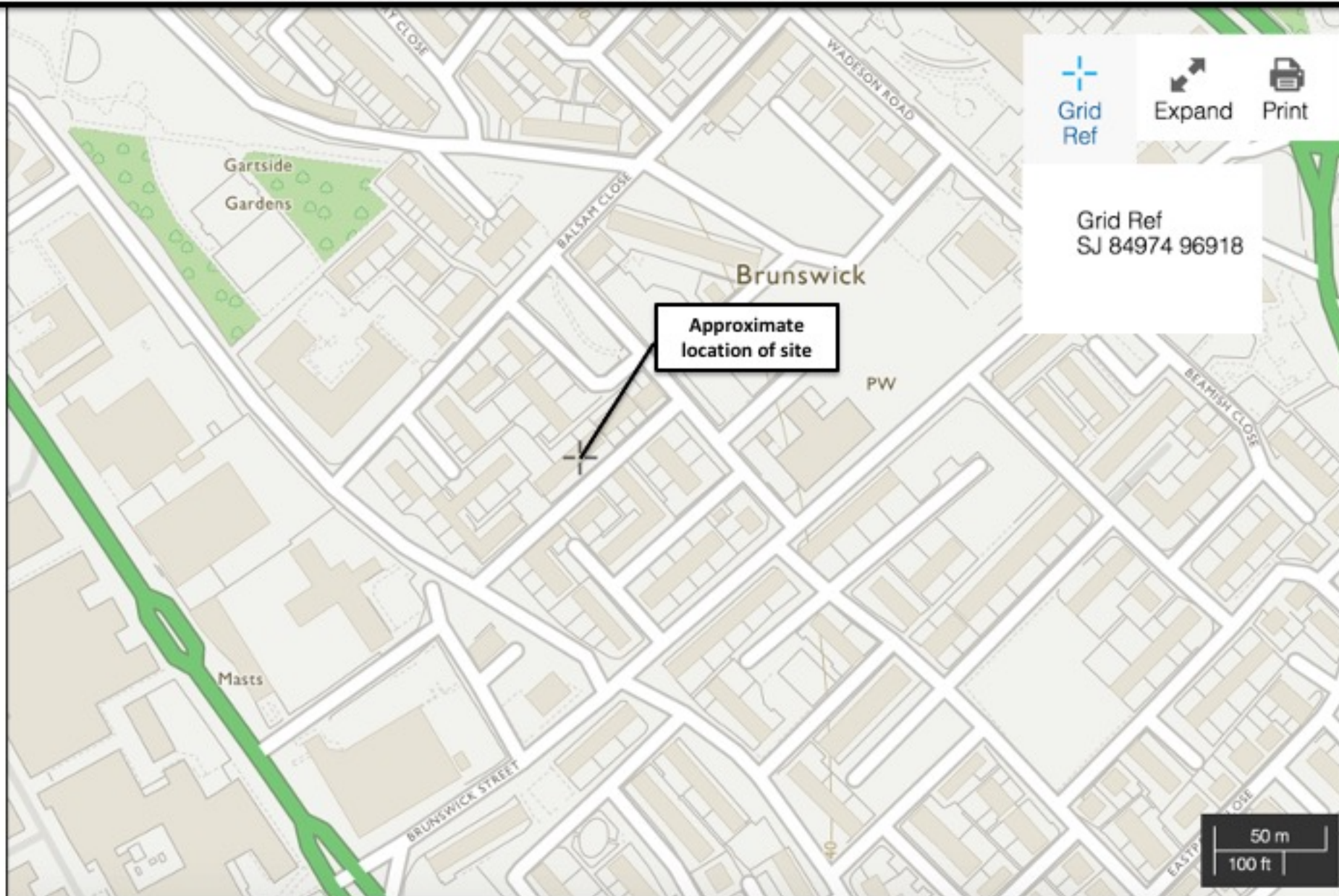


Figure 2 Site Location Map (Source: Google Maps)

The map displays an aerial view of a residential and commercial area in Manchester. A red pin is placed on a street, with the address '17 Arkley St, Manchester M13 9YN' labeled next to it. Surrounding the site are several notable locations: 'Halfords Autocentre Manchester (Ardwick... MOT Centre)' to the north; 'Ardwick Green Park Park with a cenotaph, playground & pond' to the northeast; 'The Vallance Centre Brunswick' to the east; 'ARMR Store Delivery' to the southeast; 'Selco Builders Warehouse Delivery' to the south; 'Manchester Young Lives Independent School' to the southwest; 'George Kenyon Hall' to the west; 'Manchester Aquatic Centre Car Park' to the northwest; and 'Kilburn Building' to the far west. Other visible labels include 'Manchester Museum', 'Holyrood Nursery Dryden Street', 'W.H. Lung Supermarket', 'Eric Walton Roofing', 'Apollo Tyre Service', 'New Ardwick Body Centre', 'Manchester Academy', and 'Gartside Gardens'. The A34 road is also visible on the left side of the map.

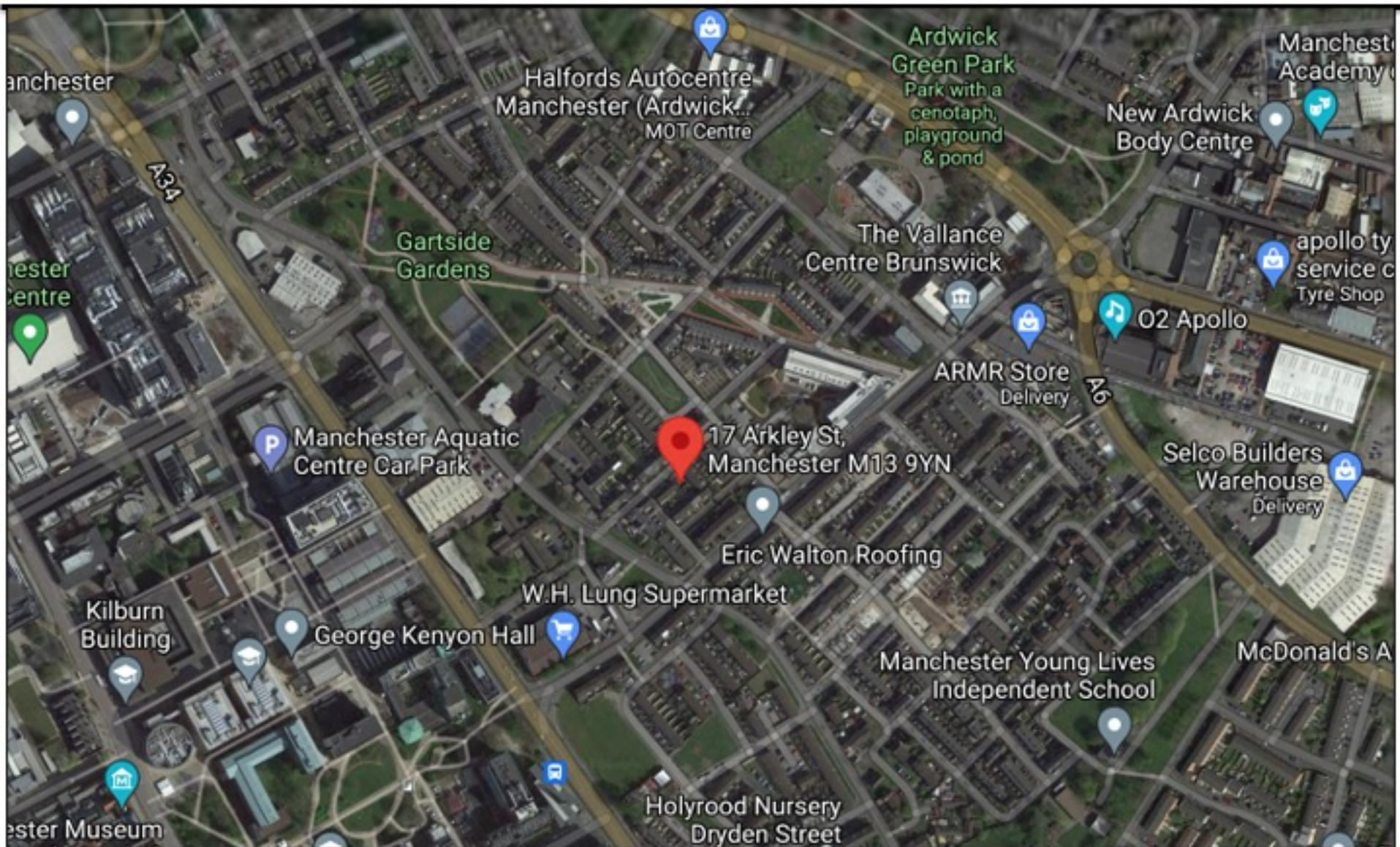
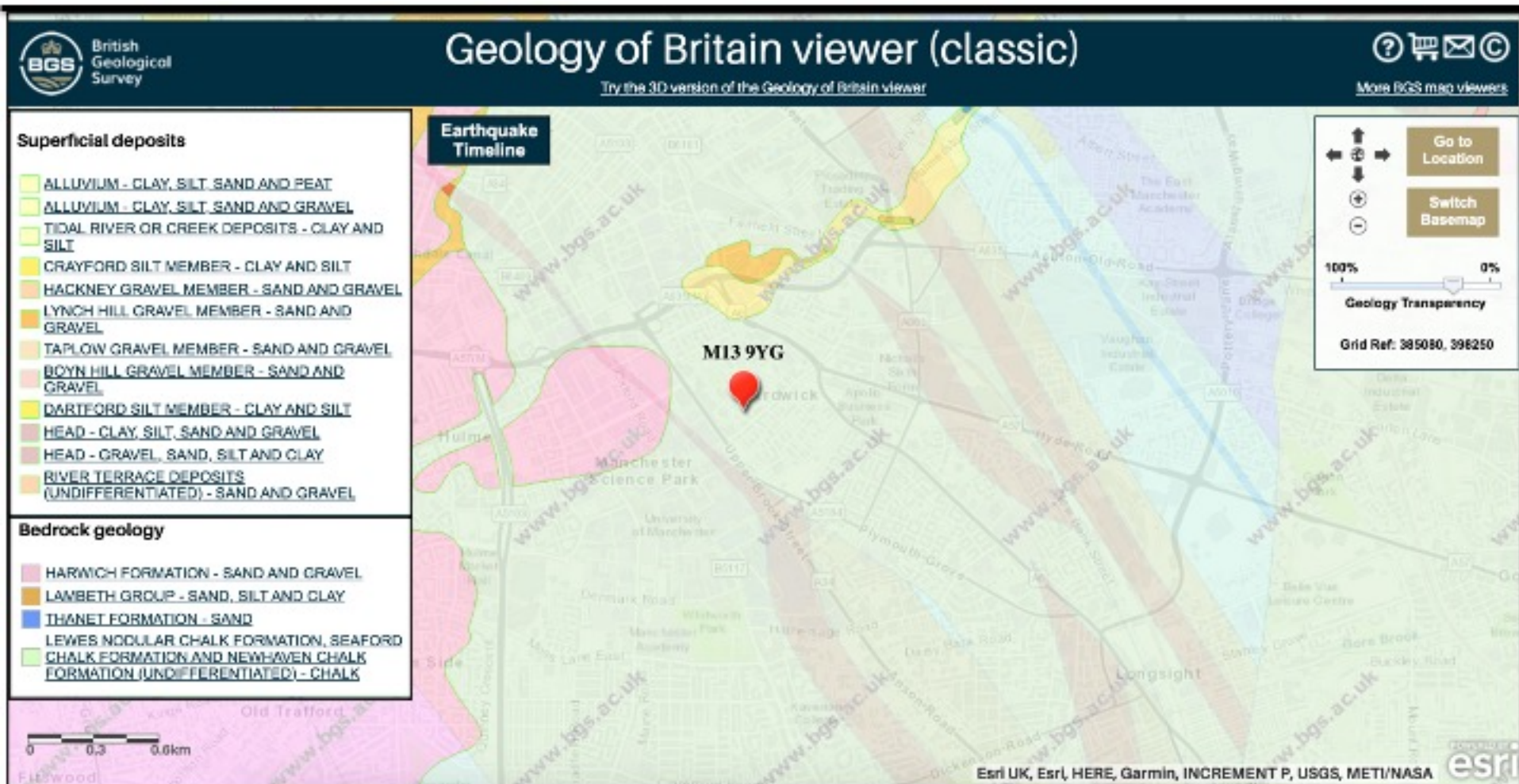


Figure 3 Geological Map of the Site
(Source: British Geological Survey Geological Britain Viewer)



Site Geology

Bedrock geology description: Chester Formation - Sandstone. Sedimentary Bedrock formed approximately 247 to 250 million years ago in the Triassic Period. Local environment previously dominated by rivers.

Superficial deposits description: Till, Devensian - Diamicton. Superficial Deposits formed up to 2 million years ago in the Quaternary Period. Local environment previously dominated by ice age conditions (U).

Figure 4 Environment Agency's Flood Map

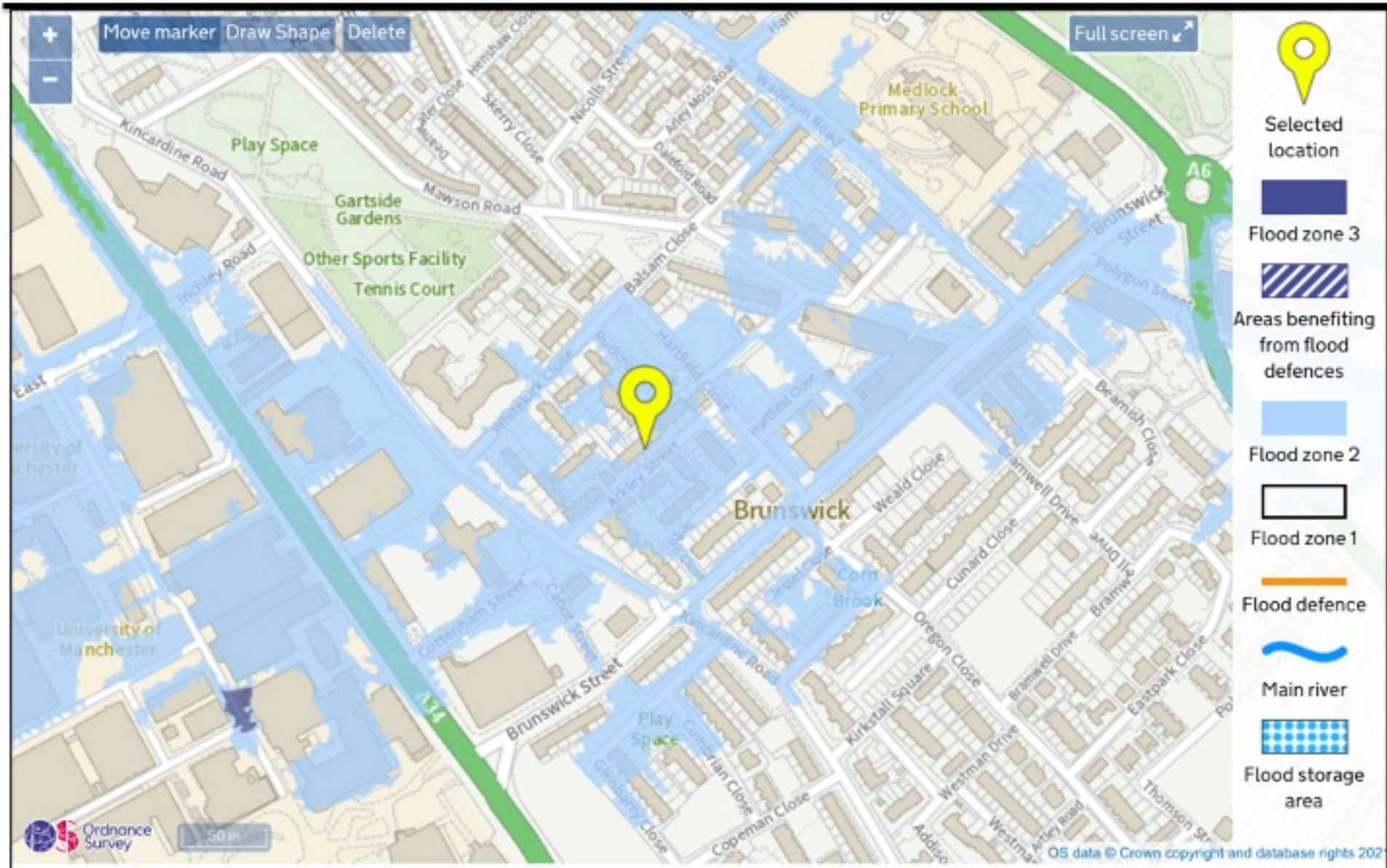
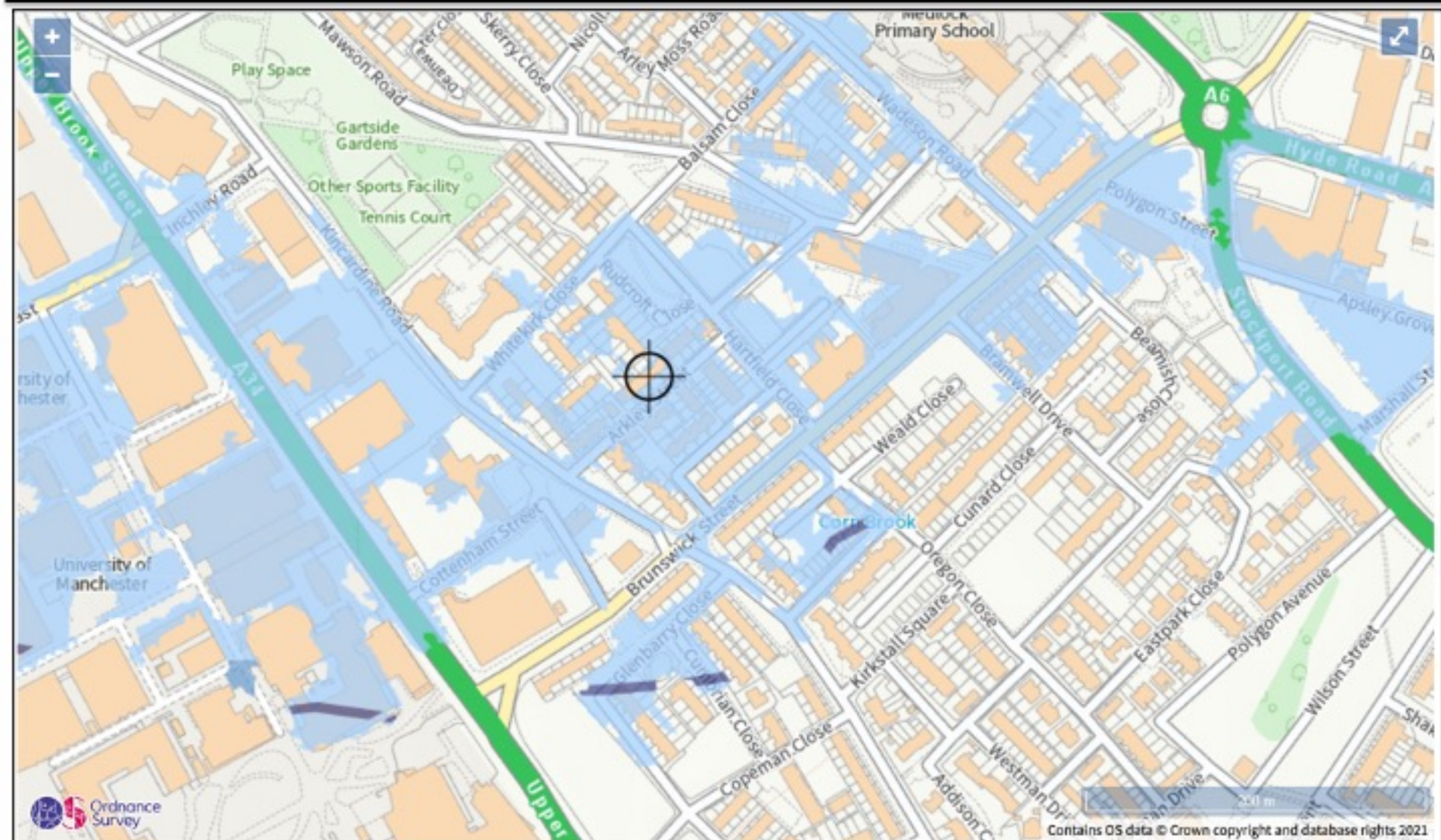


Figure 5 Environment Agency's Flood Risk Map



Extent of flooding from rivers or the sea

High Medium Low Very low Location you selected

Figure 6 Environment Agency's Surface Water Flood Risk Map

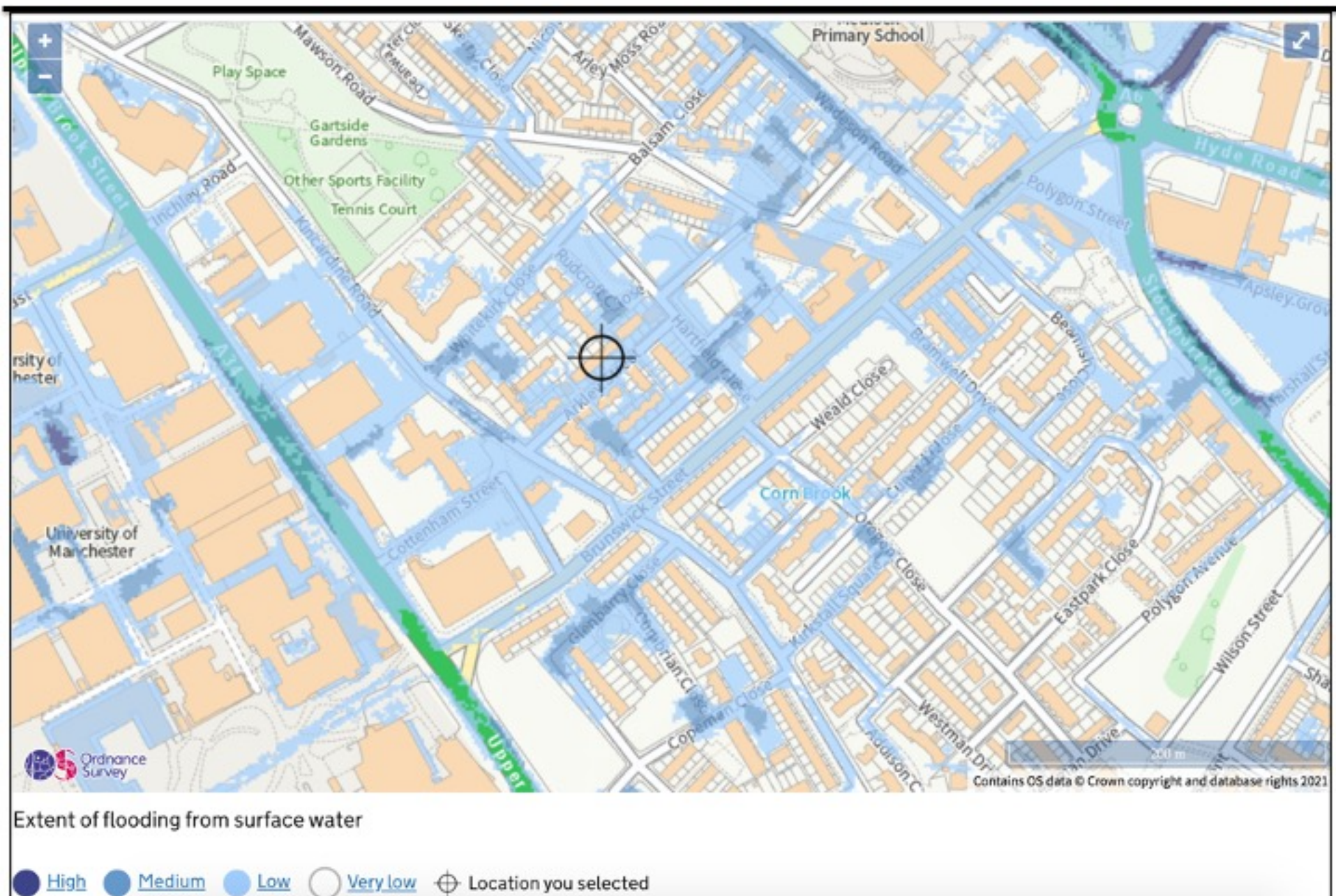
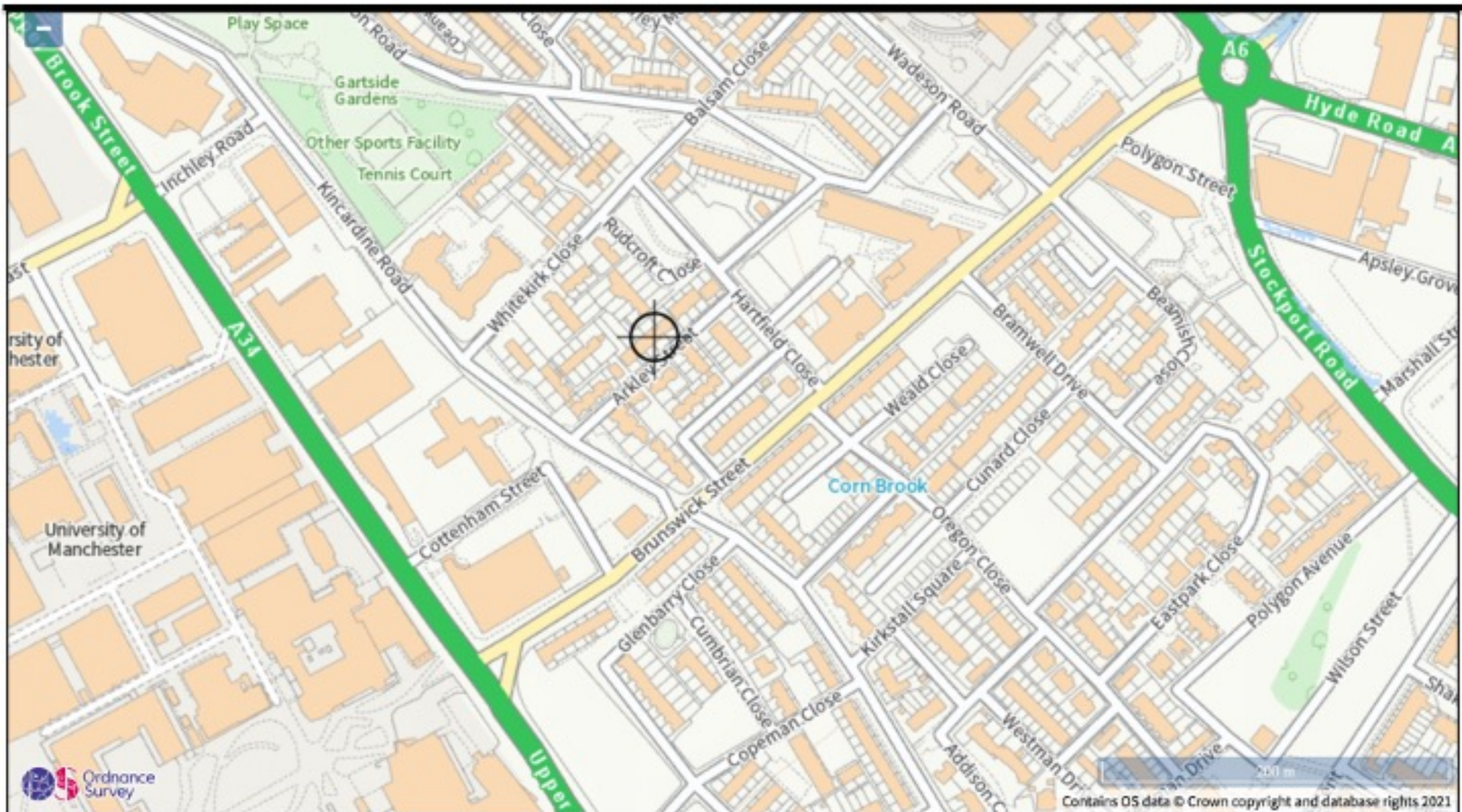


Figure 7 Environment Agency's Surface Water Flood Depth Map

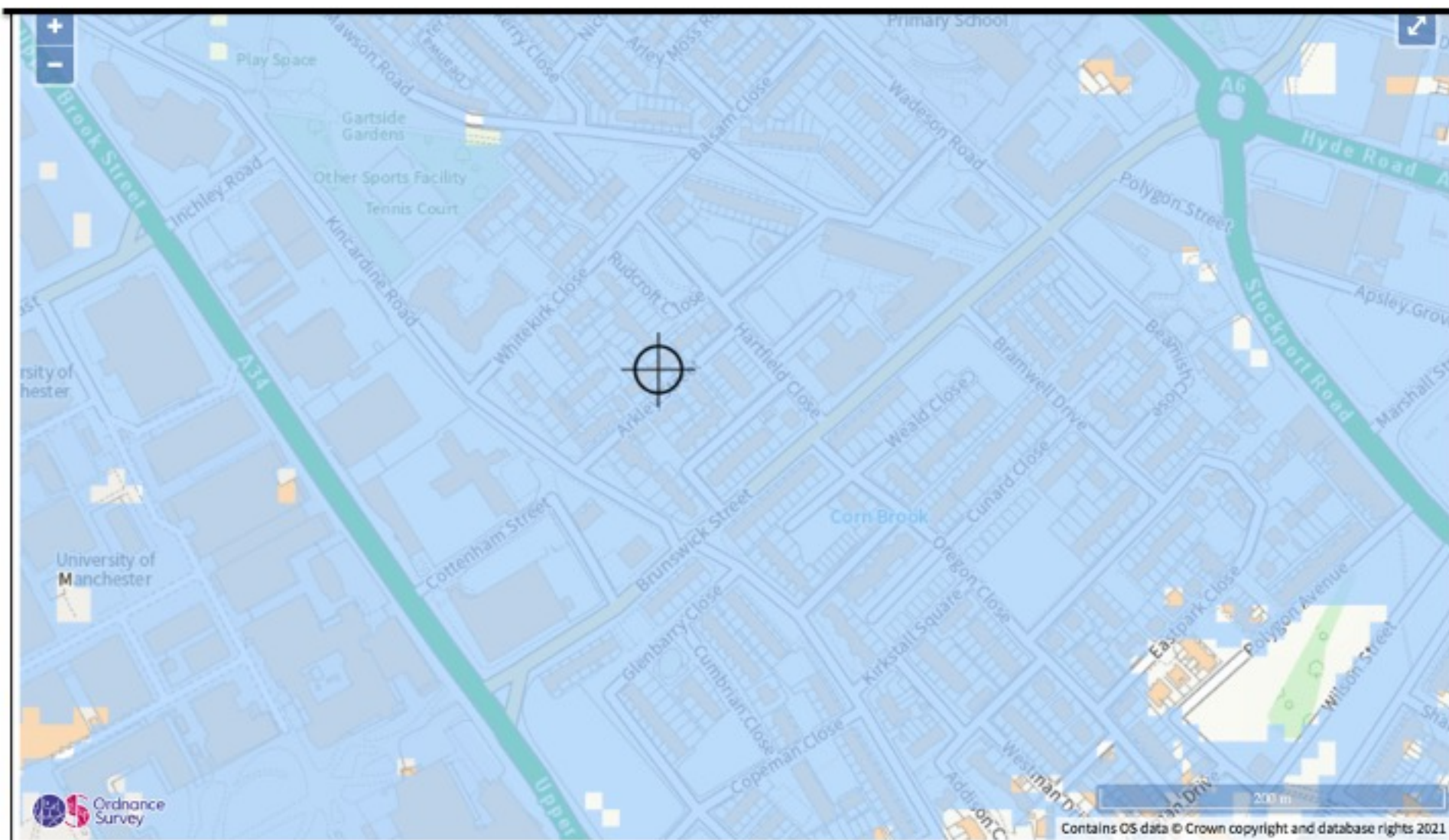


Surface water flood risk: water depth in a high risk scenario

Flood depth (millimetres)

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

Figure 8 Environment Agency's Reservoir Flood Risk Map



Extent of flooding from reservoirs

● Maximum extent of flooding ⊕ Location you selected