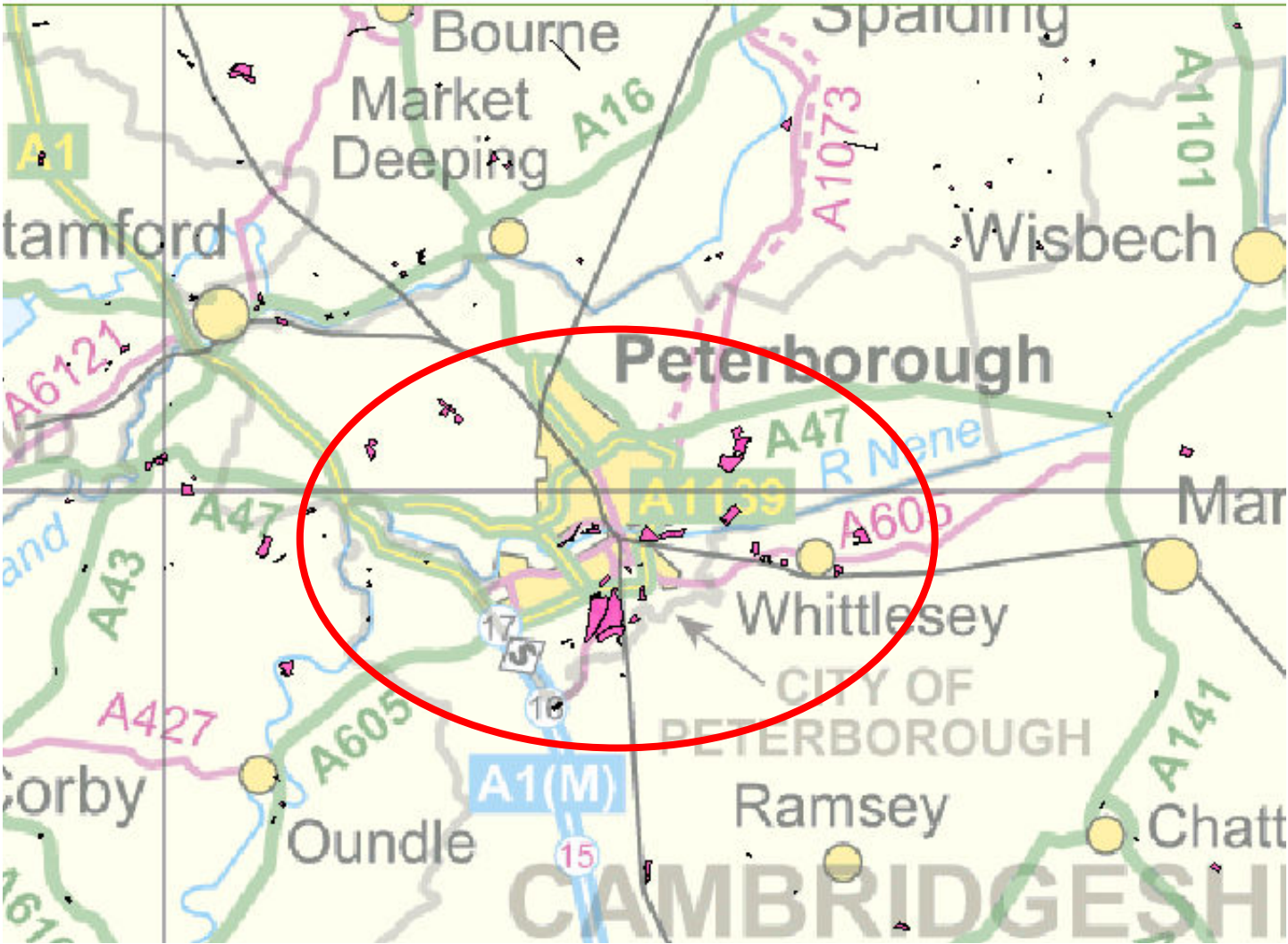


PV capacity estimate on Peterborough land-fill sites

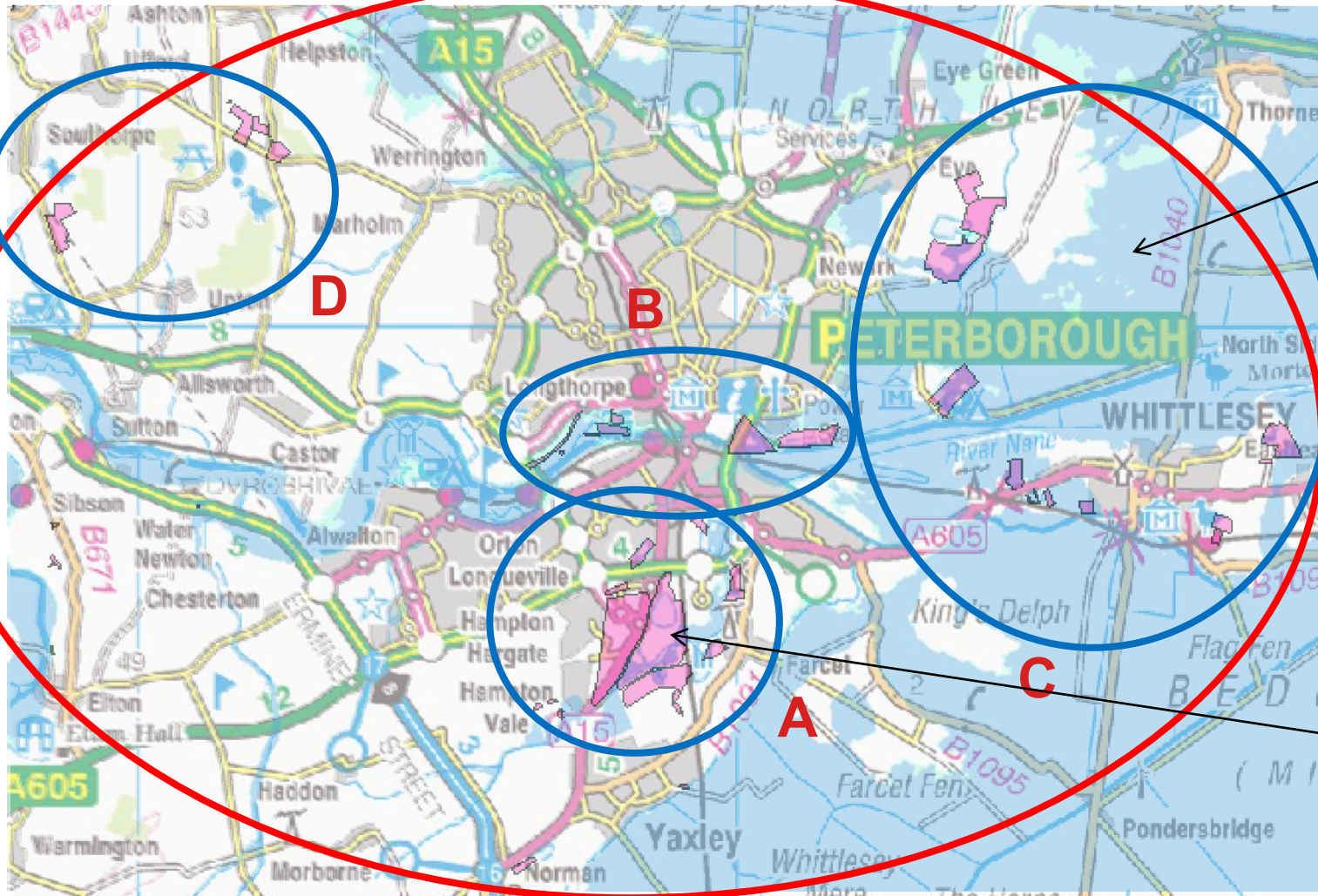
13th November 2013

Area around Peterborough analysed



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Area sub-divisions showing land-fill and flood zones



Flood zones in blue

Land-fill areas in pink

61

ZONE A useable areas



29

ZONE B – All sites in flood risk area

ZONE D useable areas

ZONE C useable areas



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Preliminary capacity estimate

- Total numbers of useable acres* (areas highlighted green): **405 acres**

* Comprises landfill areas in blue circles with the exception of:

- flood zones (shown in blue on slide 2)
- known public spaces (e.g. school grounds etc)

- Industry rule of thumb: 1MW requires 5 acres
- Total potential PV capacity across all sites (405/5): **81MW**

Assessment

- Zone A sites had to be discarded due to land owner issues
- Zone B sites all in flood zones
- Zone C sites are mostly in flood zone and the remaining non-flood zone bits are small and fragmented in remote locations
- Zone D sites judged too remote and far away from potential grid connection points

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