



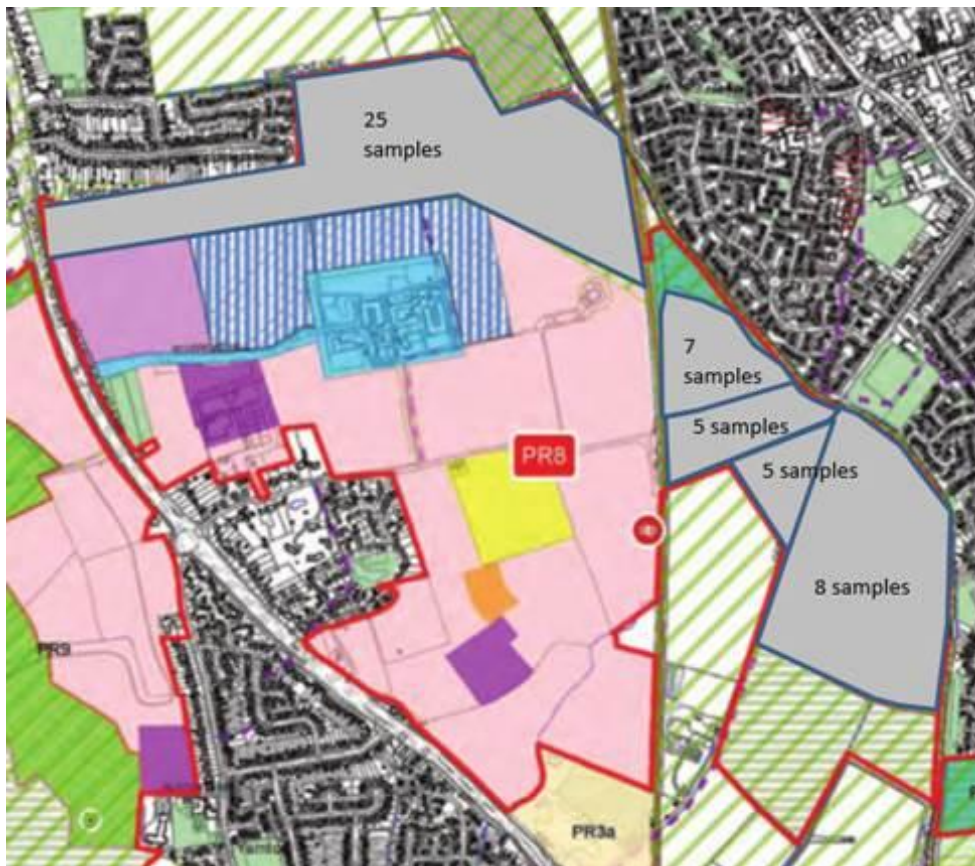
## Appendix 13.4

### SOIL SURVEY INFORMATION

---

## Appendix 13.5: Soil survey information

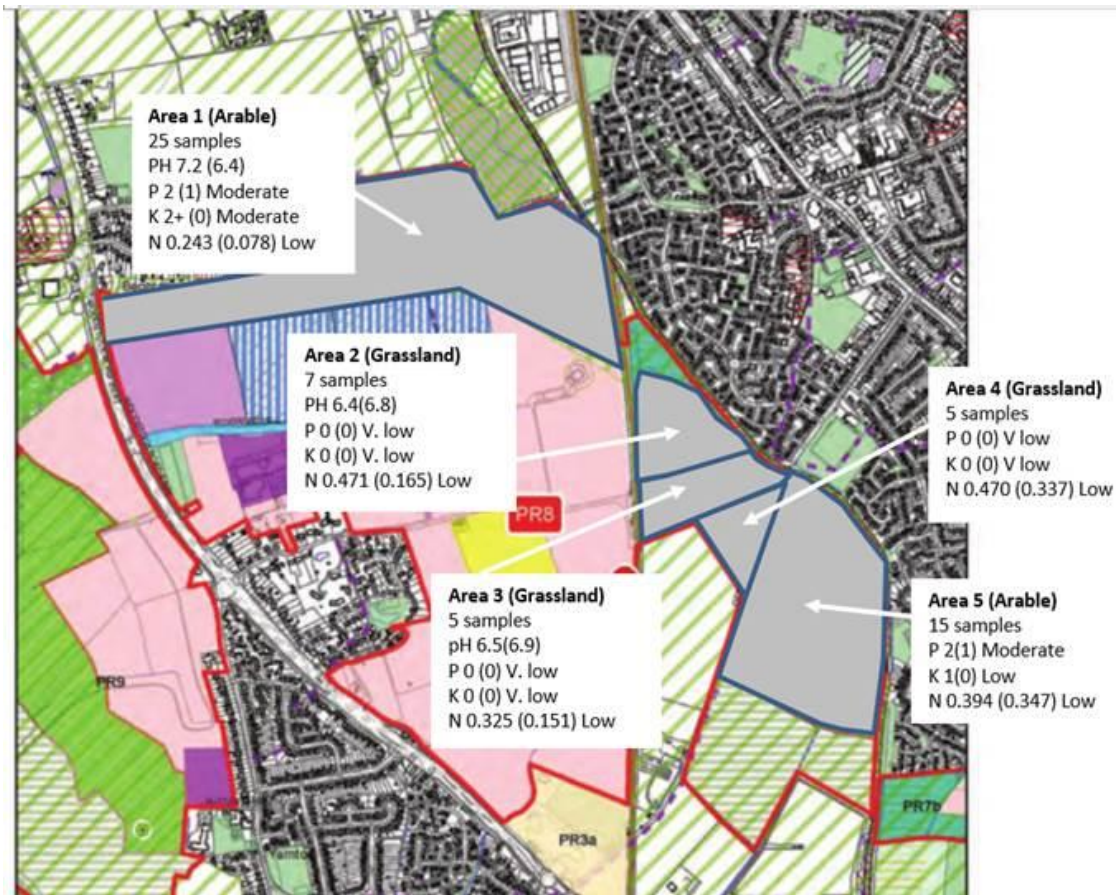
Soil was sampled by Rob Askew Associates for nutrient analysis by NRM (Bracknell) in February 2023. Sampling was as shown on the figure below and comprised five composite (pooled) samples of topsoil (i.e., NT1 to NT5) and five composite samples of subsoil (i.e., NS1 to NS5). Samples were collected and analysed based on Natural England guidance<sup>1</sup> as follows (listed north to south): NT1 and NS1 were pooled from 25 locations, NT2 and NS2 were pooled from 7 locations, NT3 and NS3 were pooled from 5 locations, NT4 and NS4 were pooled from 5 locations, and NT5 and NS5 were pooled from 8 locations.



Analysis results are shown below. There have been interpreted, by BSG Ecology as follows:

---

<sup>1</sup> Natural England (2008a) *Natural England Technical Information Note TIN035 Soil sampling for habitat recreation and restoration*. Natural England  
Natural England (2008b) *Natural England Technical Information Note TIN036 Soil and agri-environment schemes: interpretation of soil analysis*. Natural England.



The current arable areas (Areas 1, 4 and 5, proposed for Local Nature Reserve / allotments / park) have moderate phosphorous levels and low nitrogen levels. This is compatible with establishing moderately species-rich grassland there. The three grassland fields (Areas 2, 3, and 4) have low phosphorous and low nitrogen, which is compatible with establishing high quality species-rich grassland (potentially lowland meadows priority habitat).