



Woburn Experimental Farm Soil Series Map

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RESEARCH

DOI: [10.23637/ws-soil-maps-01](https://doi.org/10.23637/ws-soil-maps-01)

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Published by: Rothamsted Research

Date: January 2021

Description:

- **Page 1:** Cover Page
- **Page 2:** Woburn Experimental Farm Soil Texture
- **Page 3:** Woburn Experimental Farm Soil Series
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- **Page 5:** Field Map
- **Page 6:** OS map, including Stackyard

Site: Woburn Experimental Station, Latitude 52.02 N, Longitude 0.62 W

Cite as: Rothamsted Research (2017) *Woburn Experimental farm soils maps*. Rothamsted Research. [10.23637/woburn-soils2017](https://doi.org/10.23637/woburn-soils2017)

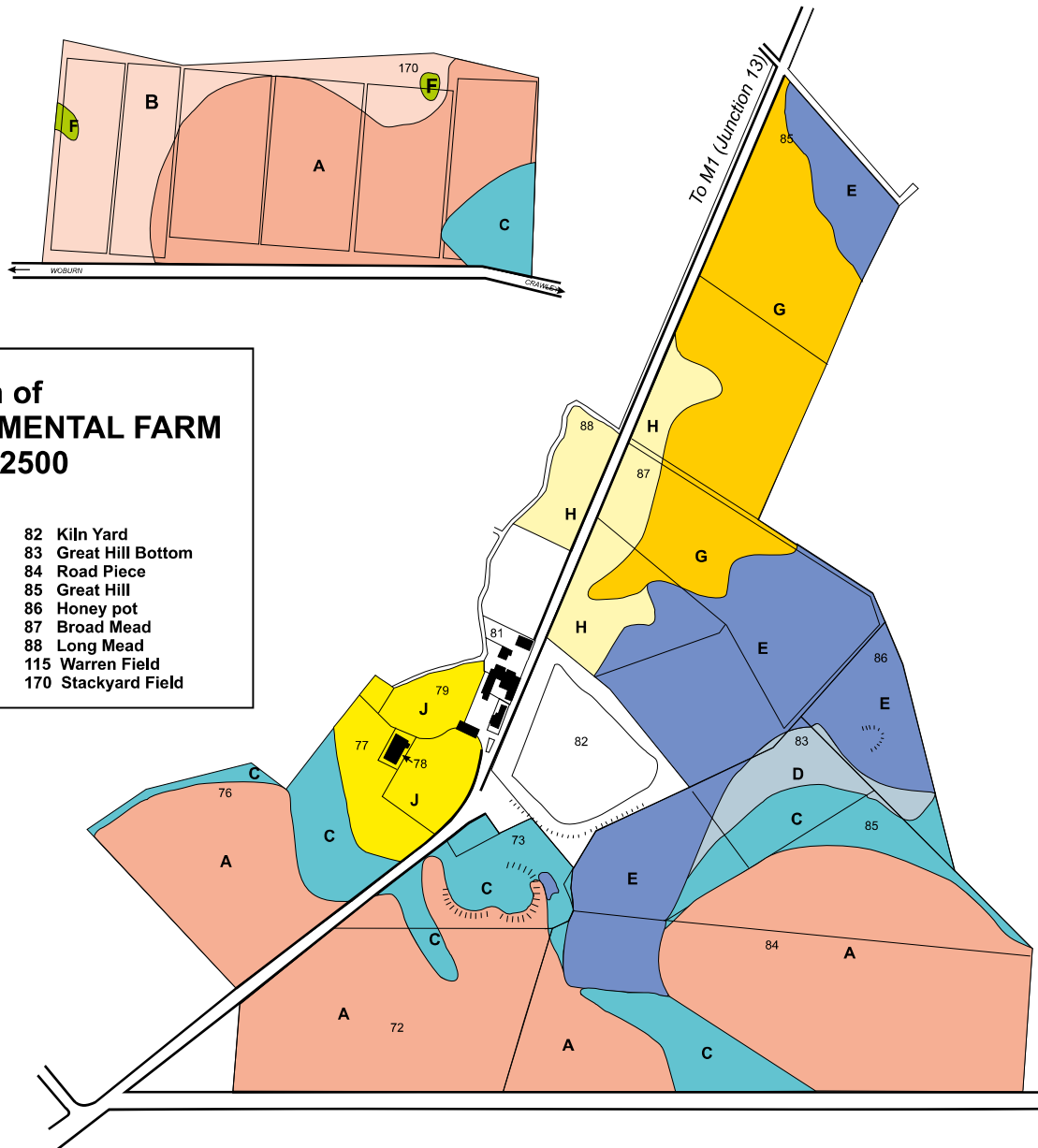
Funding: Rothamsted Research receives strategic funding from the UK Biotechnology and Biological Sciences Research Council (BBSRC). The Rothamsted Long-term Experiments National Capability is supported by the BBSRC Grant BBS/E/C/000J0300 and the Lawes Agricultural Trust.

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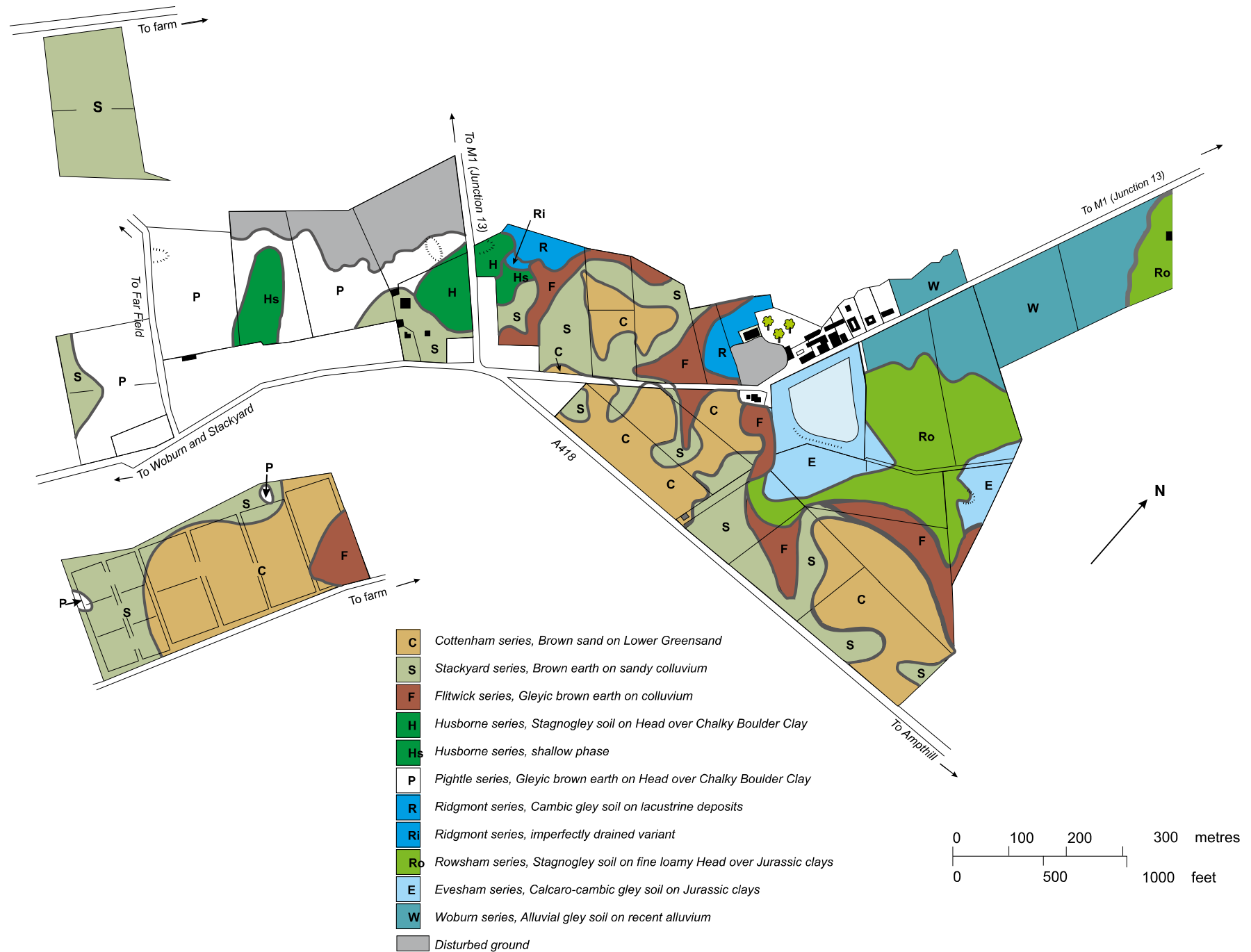


A Plan of WOBURN EXPERIMENTAL FARM Scale 1:2500

- | | |
|------------------------------|----------------------|
| 72 Butt Close | 82 Kiln Yard |
| 73 Butt Furlong | 83 Great Hill Bottom |
| 76 Lansome Piece | 84 Road Piece |
| 77 Mill Dam Close | 85 Great Hill |
| 78 Pot Culture Station | 86 Honey pot |
| 79 Orchard & Garden | 87 Broad Mead |
| 80 House & Buildings | 88 Long Mead |
| 81 Stackyard 7 Feeding Boxes | 115 Warren Field |
| | 170 Stackyard Field |

| SOILS | SURFACE TEXTURE | SOILS | SURFACE TEXTURE |
|--|---|--|---|
| BROWN EARTHS { On Re-sorted Lower Greensand On Sandy Drift | Sand to Loamy Sand A Loamy Sand to Sandy Loam B | GLEY SOILS { On Colluvial Lower Greensand / Oxford Clay On Re-worked Lower Greensand & Oxford Clay On Re-sorted Oxford Clay Sandy Drift / Chalky Jurassic Boulder Clay | Loamy Sand to Sandy Loam C Loam to Sandy Clay Loam D Silty Clay Loam to Clay Loam E Loamy sand to Sandy Loam F |
| ALLUVIAL COMPLEXES { Heavy Light Undifferentiated & Made Ground | Silty Clay Loam to Clay Loam G Loam to Sandy Clay Loam H J | | |

Woburn Experimental Farm, Husborne Crawley, Bedford



Woburn Experimental Farm Soil Series Revised legend 2017

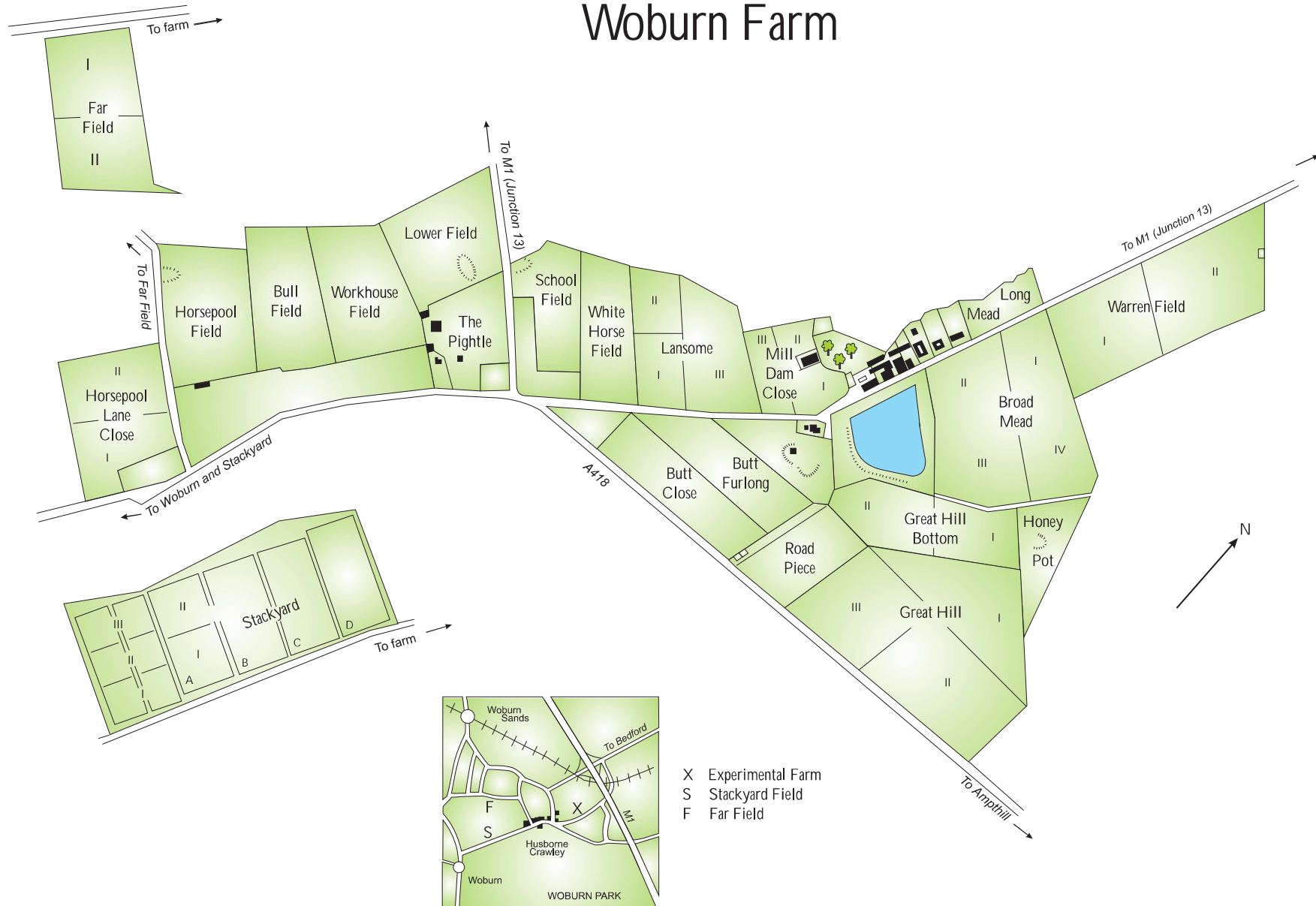
| Sub-group code | Map Legend | Series Name | | Broad description | Approximate texture range | Major Soil Group | Soil Group | Soil Sub-group | Series Description | Approximate correlation at soil group level with US and FAO systems * | |
|----------------|------------|-------------|--------------|-------------------|------------------------------|--------------------------|-------------------------|---------------------------------|---|---|------------------------------|
| | | Old name | Current name | | | | | | | US | FAO |
| 5.51 | C | Cottenham | Cottenham | Light | sand to loam sand | Brown Soils | Brown Sands | typical brown sands | ferruginous medium or coarse sandy material passing to sand or soft sandstone | Udipsamments | Cambic and Luvic Arenosols |
| 5.47 | S | Stackyard | Lowlands | Light | Loamy sand to sand loam | Brown Soils | Brown earths | colluvium brown earth | light loamy non-calcareous colluvium | Dystrochrepts | Dystric and Eutric Cambisols |
| 5.46 | F | Flitwick | Flitwick | Light | Loamy sand to sand loam | Brown Soils | Brown earths | gleyic ferritic brown earths | ferruginous light loamy drift with siliceous stones | Dystrochrepts | Dystric and Eutric Cambisols |
| 7.11 | H | Husbourne | Beccles | Heavy | Loam to sandy clay loam | Surface water Gley Soils | Stagnogley soils | typical stagnogley soils | medium loamy over clayey chalky drift (shallow phase) | Haplaqualfs, Albaqualfs, | Gleyic Luvisol |
| 7.11 | Hs | Husbourne | Beccles | Heavy | Loam to sandy clay loam | Surface water Gley Soils | Stagnogley soils | typical stagnogley soils | medium loamy over clayey chalky drift | Haplaqualfs, Albaqualfs, | Gleyic Luvisol |
| 7.11 | P | Pightle | Beccles | Heavy | Loam to sandy clay loam | Surface water Gley Soils | Stagnogley soils | typical stagnogley soils | medium loamy over clayey chalky drift | Haplaqualfs, Albaqualfs, | Gleyic Luvisol |
| 8.11 | R | Ridgmont | Enborne | Medium | Loam to sandy clay loam | Ground water Gley soils | Alluvial gley soils | typical alluvial gley souls | medium loamy river alluvium | Fluvaquents | Fluvisol |
| 8.11 | Ri | Ridgmont | Enborne | Medium | Loam to sandy clay loam | Ground water Gley soils | Alluvial gley soils | typical alluvial gley souls | medium loamy river alluvium | Fluvaquents | Fluvisol |
| 5.11 | Ro | Rowsham | Bardsey | Heavy | Silty clay loam to clay loam | Brown Soils | Brown calcareous earths | typical brown calcarious earths | medium loamy material over calcareous gravel | Eutrochrepts | Calcic Cambisols |
| 4.11 | E | Evesham | Evesham | Heavy | clay to clay loam | Pelosol | Calcareous pelosol | typical calcareous | swelling clayey material passing to clay or soft mudstone | Eutrochrepts, Haplaquepts | Gleyic and Calcic Cambisols |
| 8.11 | W | Woburn | Eversley | Heavy | Silty clay loam to clay loam | Ground water Gley soils | Alluvial gley soils | typical alluvial gley souls | light loamy river alluvium | Fluvaquents | Fluvisol |

* Avery, B.W. 1980. Soil classification for England & Wales (Higher catagories). Soil Survey, Tech Monograph 14.

Prepared by Dr Chris Watts, 2017

Based on original soil series map prepared by Professor John Catt

Woburn Farm



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Woburn Farm

DATE: 10/07/2009



MAP FILE REFERENCE:
Woburn Farm.mpd

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