



## **Toft West Field Report**

In June 2013 Archaeology RheeSearch Group carried out magnetometry and resistivity surveys on this site.

**Members participating:** Pat Davies, Brian Bridgland, Liz Livingstone, Bruce Milner, Ian Sanderson, Gill Shapland, Maureen Storey and Tony Storey.

**Site liaison:** Colen Lumley.

**Site conditions:** Rough grass.

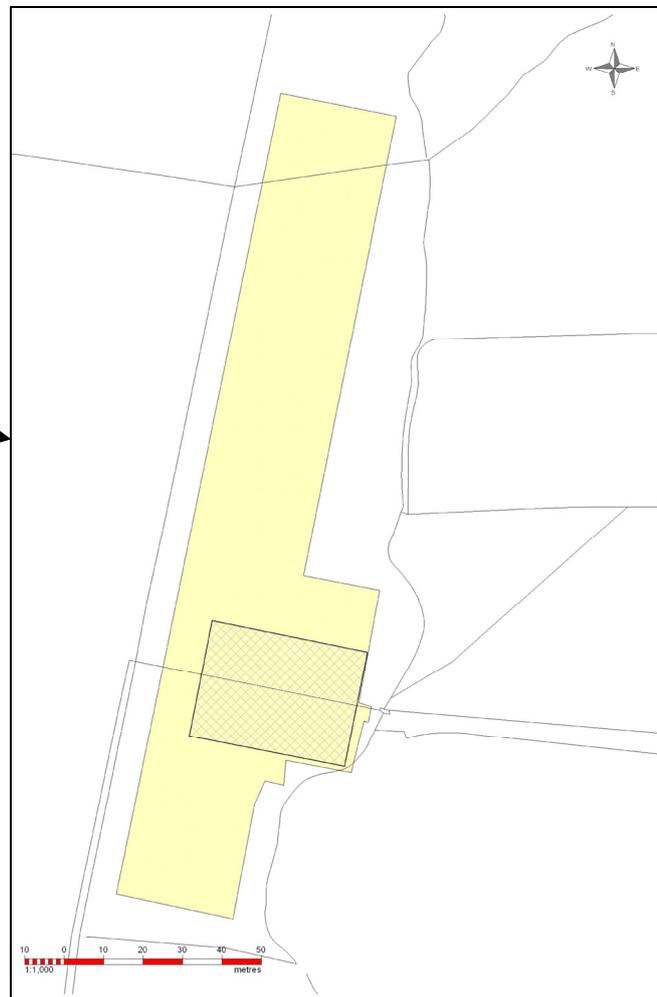
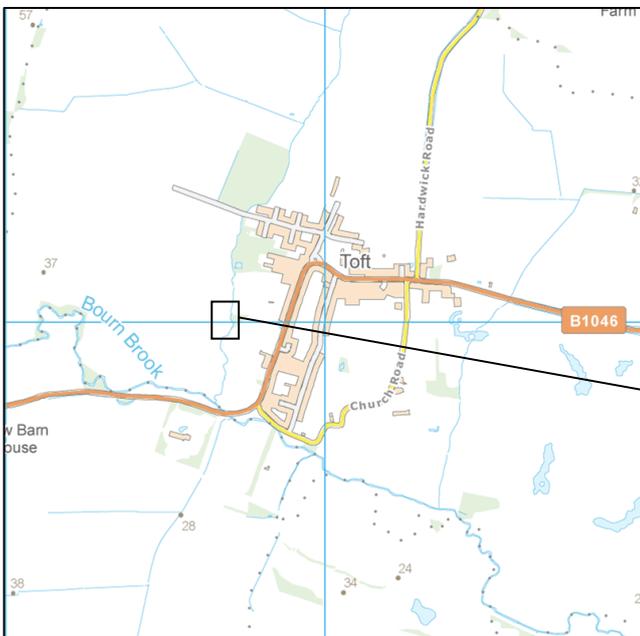
**Equipment:** Bartington 601 gradiometer; TRCIA 50 cm twin probe.

Magnetometry readings: 8/m, 1 m separation.

Resistivity readings: 1 m interval, 1 m separation.

Raw data are available as separate appendices.

**Location:** TL357560, Toft, Cambs.



**Location plan: Survey areas**  
(resistivity survey areas hatched, magnetometry areas solid)

**Purpose of survey:** The purpose of this survey was to determine if any subsurface features could be detected to facilitate an archaeological project in the village. In particular to support the possibility that a trackway locally known as Lot Way passed E-W across the site.



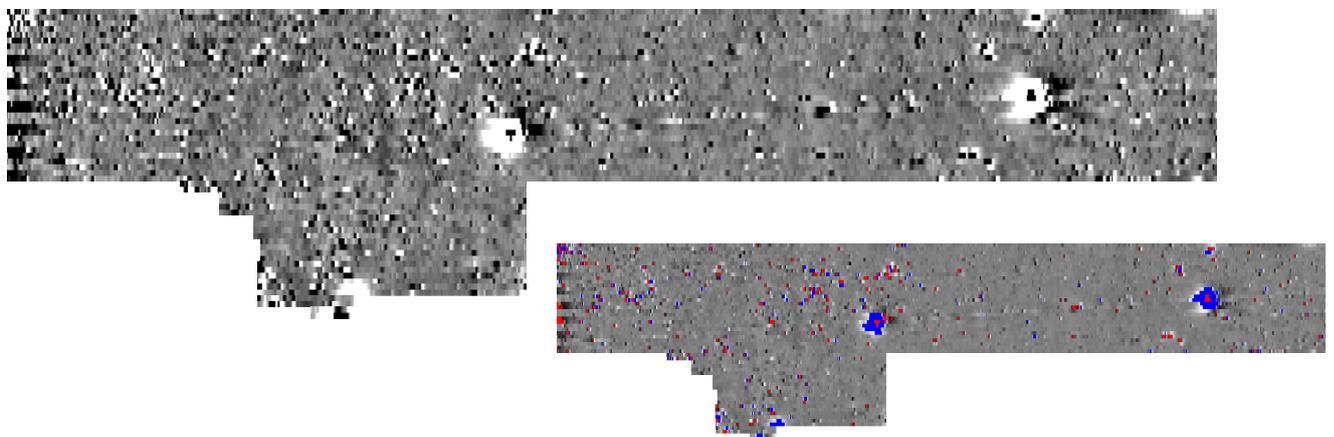
**Site topography:**

The paddock was virtually level bounded on the E by a stream with scrub, and on the W by a hedge. The S side was scrub hedge with metal fencing. A footpath crossed the site E-W close to the widest part of the paddock. The area surveyed did not approach the N boundary.

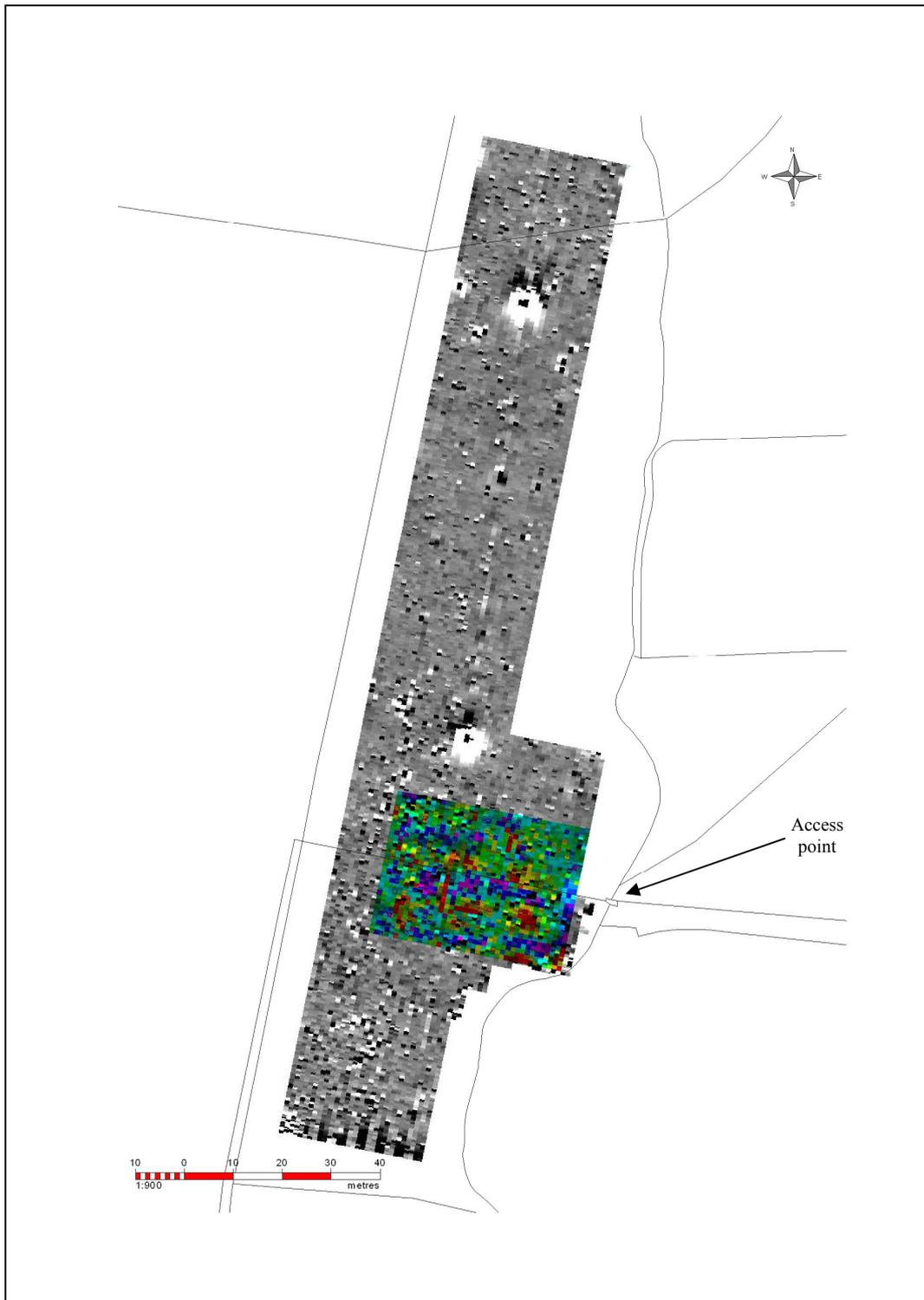
**Results:**

*The images in this section are orientated for presentation. The images are not to a common scale.*

		Resistivity 30 m x 40 m  Raw data
		High pass filter 5
(black - low, white - high)	(purple/blue - low, red - high)	



Magnetometry 210 m x 60 m range +4 to -4 nT with inset showing the extreme ( $\pm 25$  nT) values in red (high) and blue (low).



Superimposition of resistivity and magnetometry results.

**Discussion:**

The principal feature in the magnetometry results is a utility pipe running N-S across the survey area with two clearly visible access covers. This feature shows in the resistivity survey as a line of high readings, probably a result of increased drainage where the pipe was bedded



with gravel. The magnetometry results show nothing which would indicate that a substantial trackway ran E-W across the site although there is faint banding running E-W just N of the present access to the E of the field at the widest part of the survey. There is also a suggestion of a path running NW from the access point. The resistivity results do show a band of low values, interrupted by the pipeline, running E-W across the paddock. This band aligns with the centre line of the two parallel boundary hedges in the field to the E. There is also a line of low resistance values parallel to the main band about 10 m to the north which is poorly defined on the E side of the resistivity survey. The two bands could represent the side ditches of a trackway.

Report by Dr I Sanderson for Archaeology RheeSearch