

**YCCCART 2011 / Y17**

**North Somerset HER 2011/215**

**Gradiometry Survey on Site of New Graveyard at Yatton**

**YATTON, CONGRESBURY, CLAVERHAM AND CLEEVE ARCHAEOLOGICAL  
RESEARCH TEAM (YCCCART)**

*General Editor: Vince Russett*



*The 601 team on site*

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## **Abstract**

*The archaeology of the environs, around Cadbury Hill, Congresbury is being investigated by YCCCART. This survey is a continuation of that work and was undertaken at the request of Yatton Parish Council who are turning a field into a new graveyard.*

*The gradiometry survey on this site suggests that there are no significant features within the surveyed area.*

## **Acknowledgements**

A Heritage Lottery Grant enabled the purchase, by YCCCART, of a Bartington 601 gradiometer without which this survey could not have been undertaken.

This survey would also not have been carried out without the willing permission of Yatton Parish Council.

The authors are grateful for the hard work by the members of YCCCART in performing the survey and Vince Russett for editing this report.

## **Introduction**

Yatton, Congresbury, Claverham and Cleeve Archaeological Research Team (YCCCART) is one of a number of Community Archaeology teams across North Somerset, supported by the North Somerset Council Development Management Team.

The objective of the Community Archaeology in North Somerset (CANS) teams is to carry out archaeological fieldwork, for the purpose of recording, and better understanding and management of, the heritage of North Somerset.

## Site Location



*Fig 1: Site location as indicated by red arrow*

The site is just off Mendip Road in Yatton some 12 miles south of Bristol. The survey start point is in the site record in Appendix A.

## Land use and geology

The field, currently in use as pasture, is being converted into a graveyard.  
The solid geology is Mercia Mudstone Group – Mudstone and Halite Stone.

## Historical & archaeological context

No finds have been discovered in the field and no record exists of a building on this site.

The North Somerset Heritage Environment Record lists the following finds close to the survey field.

Number	Name	Date	Type	Ref
02390	Medieval pottery from estate N of Cadbury Farm	Medieval	Pottery scatter	OSAD 1982
46953	RB (Romano British) pottery from 27 Henley Park	Roman	Pottery scatter	Campbell 2002: 47
05864	Roman pottery from estate north of Cadbury Farm	Roman	Pottery scatter	WAT 1977





*Fig 2:*  
 Above: Extract from JJ De Wilstar's 1736 map.  
 Courtesy of Bristol Record Office (33041/BMC/4/PL1/1) Map inverted.  
 Below: Current aerial photo of same area.

Fig 2 above shows the area in 1736 and now. Careful study reveals that fragments of the old landscape still survive in the form of roads and field shapes etc. The surviving aratral (ploughing) curves in the hedges indicate that this land was in open fields in the medieval period: where hedges survive in the area, they tend to be species-rich, indicating early enclosure of the arable, possibly in the late medieval period.

## **Survey objectives**

The survey had the following objectives.

- 1) To identify archaeological features.
- 2) To use the survey to further train YCCCART members and members of Community Archaeology in North Somerset (CANS) in the use of the Bartington 601 gradiometer.

## **Methodology**

The survey was undertaken on 15 September 2011 by teams from YCCCART using a Bartington 601 gradiometer with settings as per the site record in Appendix A.

The completed survey was downloaded to an ArcheoSurveyor programme.

ArcheoSurveyor composites were adjusted using the following filters Band Weight Equaliser:-

Grad shade

Despiked

Destriped

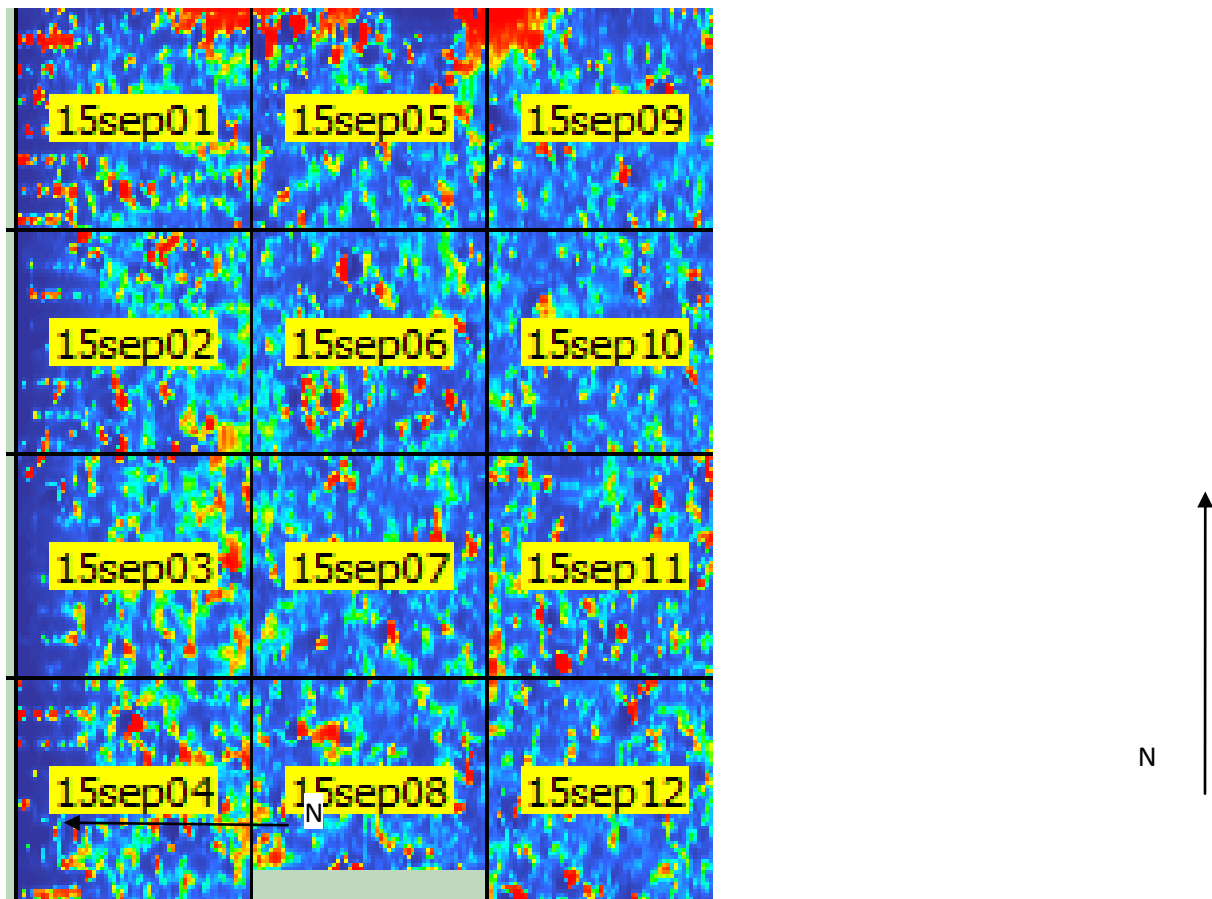
Clip SD2

Colour filter, Red Green Blue 2

The report was written in Microsoft Word 2007 and edited in Open Office 3.1.

Site photographs were taken by members of YCCCART, and remain the copyright of YCCCART.

## Results



*Fig 3 Grid layout (ArcheoSurveyor) and site plan*

The result below has been rotated to align with the site plan.



Fence beside houses

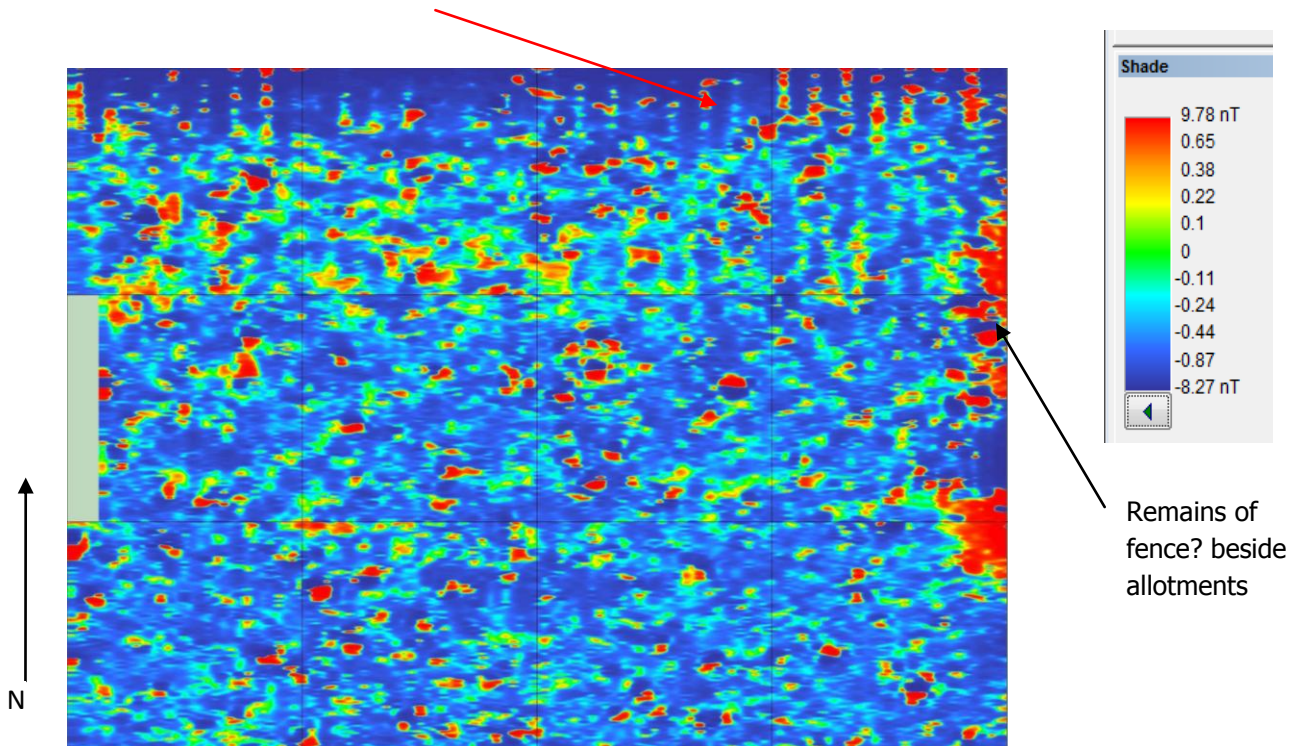
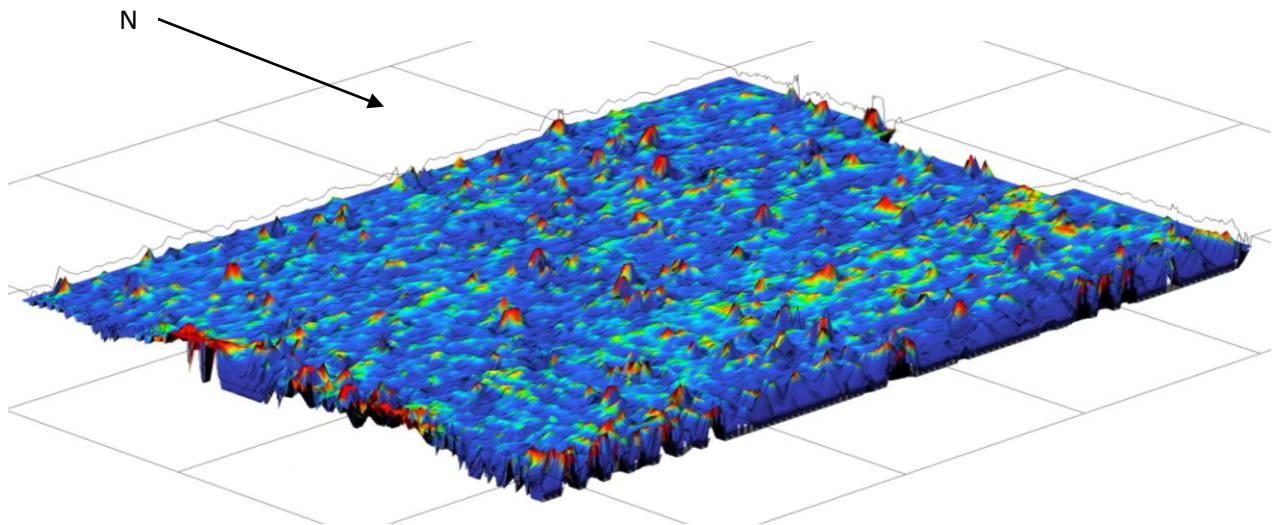


Fig 4: Shade view (ArcheoSurveyor image). High readings are red.

The high readings along the top edge and right edge in Fig 4 above probably result from the influence of wire fences.

Red dots across the field no doubt result from odd pieces of metal.

There is no discernible pattern to indicate any archaeological feature surviving in this area.



*Fig 5: Axonometric view (ArcheoSurveyor image). High readings are red*

The Axonometric view reveals no additional features.

## **Recommendations**

The gradiometer survey revealed no apparent archaeological features.

Therefore no further action is required.

## **References**

JJ De Wilstar Map 1736

Bristol Record Office BRO *33041/BMC/4/PL1/1*

North Somerset Historic  
Environment Record

Web site

<http://maps.n-somerset.gov.uk/connect/?mapcfg=HER>

**Author:** Chris Short

**Date:** September 2011

## Appendix A - Site Record

YCCCART Site Survey		
Project – Yatton proposed burial ground		
Survey date	15 <sup>th</sup> September 2011	
Report date	15 <sup>th</sup> September 2011	
Type /Instrument	Grad 601	
	Pace :1.5m/s Lines/m : 1 Range:100nT Volume: High Sensors:2	Grid size: 30m x30m Pattern : Zig Zag Samples/m:4 Audio: On Threshold:10nT Reject:50 Hz
Location	Land behind Mendip Road opposite junction with Rock Road	
	See annex 1	
Ref	none	
Site name	Yatton proposed burial ground	
Landowner	TBC	
Tenant	None	
HER ref	TBC	
Site type	Open land	
Description	rough pasture	
Period	Unknown	
Geology		
Land use	grazing	

Survey team and conditions		
15 <sup>th</sup> September	Team	Peter Wright, Peter English Susan Dugas, Mike Fox and Ian Morton
	Weather	Hot with clear sky

Survey area			notes		readings		
			size	walk direction	max	min	mean
Grid ref #	15/09/2011	1	30 x 30 m	S	+14.5	-42.7	-0.9
		2	30 x 30 m	S	21.6	-18.1	-1.0
		3	30 x 30 m	S	+80.0	-94.0	-1.2
		4	30 x 30 m	S	+19.1	-100.0	-1.4
		5	30 x 30 m	S	+60.8	-61.3	-0.6
		6	30 x 30 m	S	+29.9	-44.8	-0.6
		7	30 x 30 m	S	+10.2	-20.4	-0.4
		8	30 x 30 m Truncated grid	S	+19.0	-21.4	-0.5
		9	30 x 30 m	S	+29.3	-34.0	-0.1
		10	30 x 30 m	S	+6.8	-12.4	-0.5
		11	30 x 30 m	S	+99.2	-65.7	-0.1
		12	30 x 30 m	S	+12.2	-29.8	-0.7



allotments  
study area

houses on Mendip Road

E	D	C	B	A
4	3	2	1	
8	7	6	5	
12	11	10	9	

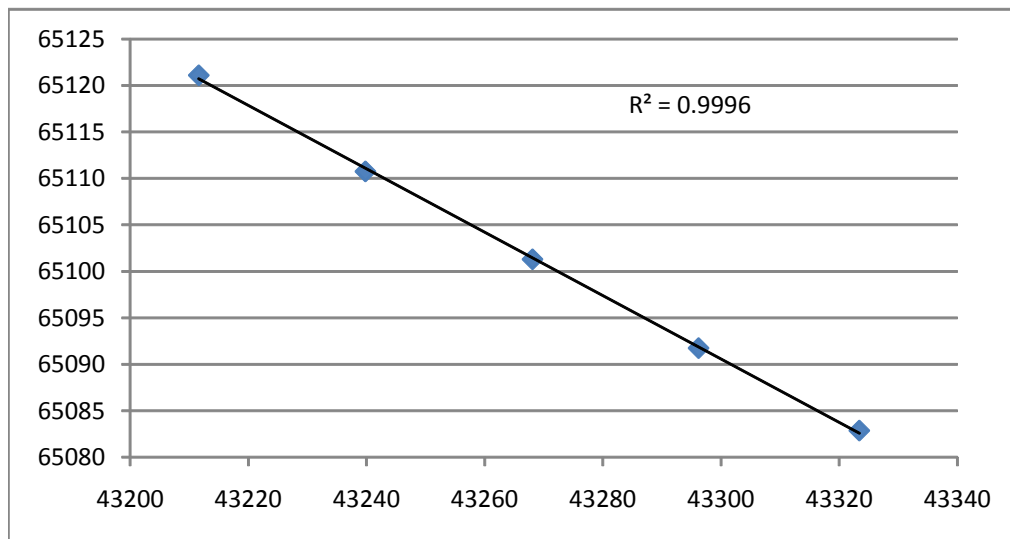
allotments



## Grid location details

all OS ST

	Eastings	Northings
A	43323.4	65082.87
B	43296.2	65091.74
C	43268.09	65101.29
D	43239.81	65110.74
E	43211.61	65121.08



## Appendix B



*The beginning of the survey. The houses at the back are in Mendip Road.*