

## Supplement to Grad 601 survey Mr Tutton 2 (YCCART report Y9)

On page 9 of the report for Mr Tutton 2 (Y9) we referred to a rectangular area, identified during the Grad 601 survey, and recommended that this be investigated by means of a resistivity survey.

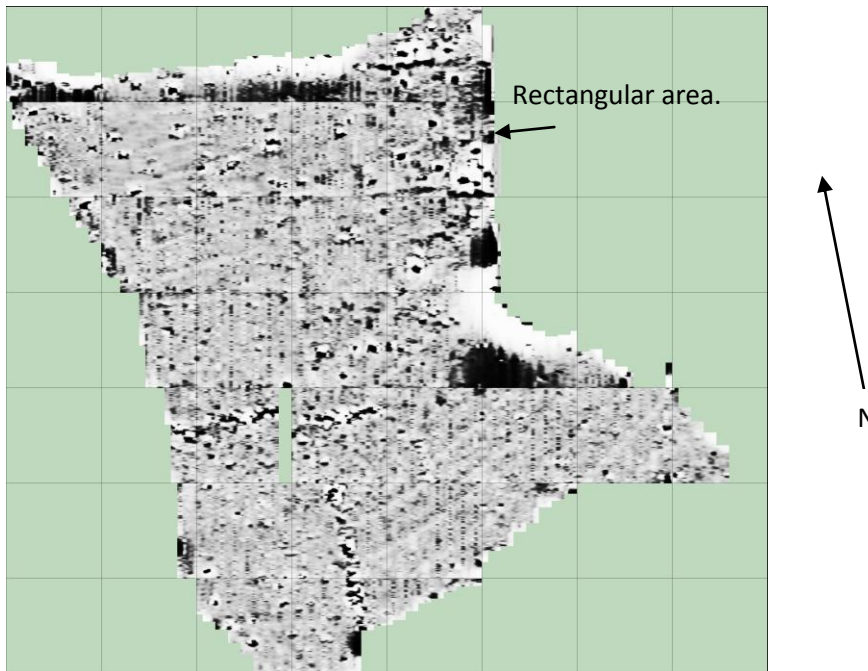


Figure 1: Grad 601 survey showing rectangular area.

On the 8<sup>th</sup> April 2010 a resistivity survey was undertaken. Three 20 metre square grids were surveyed as per the plan at figure 2 below.

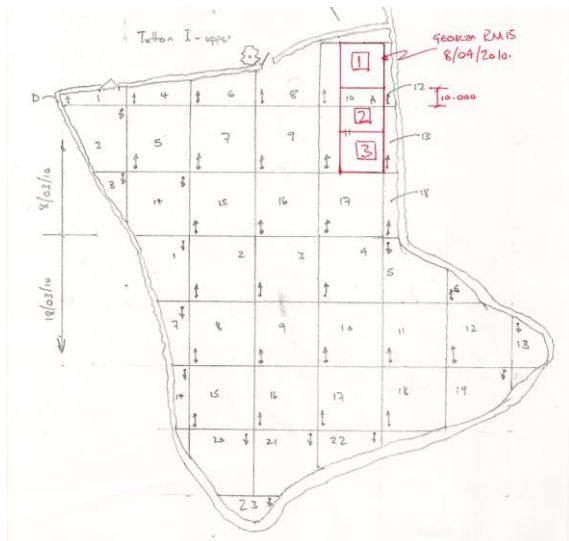
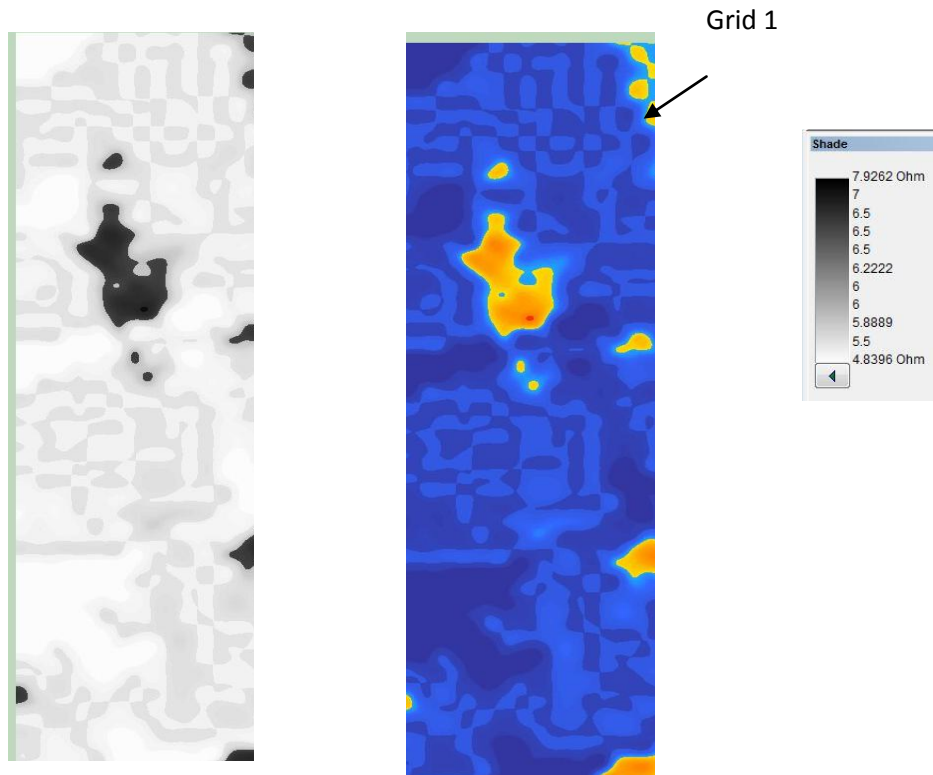


Figure 2: RM 15 survey plan in red superimposed on Grad 601 survey

## Results

The data was downloaded to ArcheoSurveyor software and adjusted using the filters, Band weight equaliser, Grad shade, Destriped, Despiked, Clip SD2 and Colour - Red Blue Green 2 with the results as per fig 3 below.

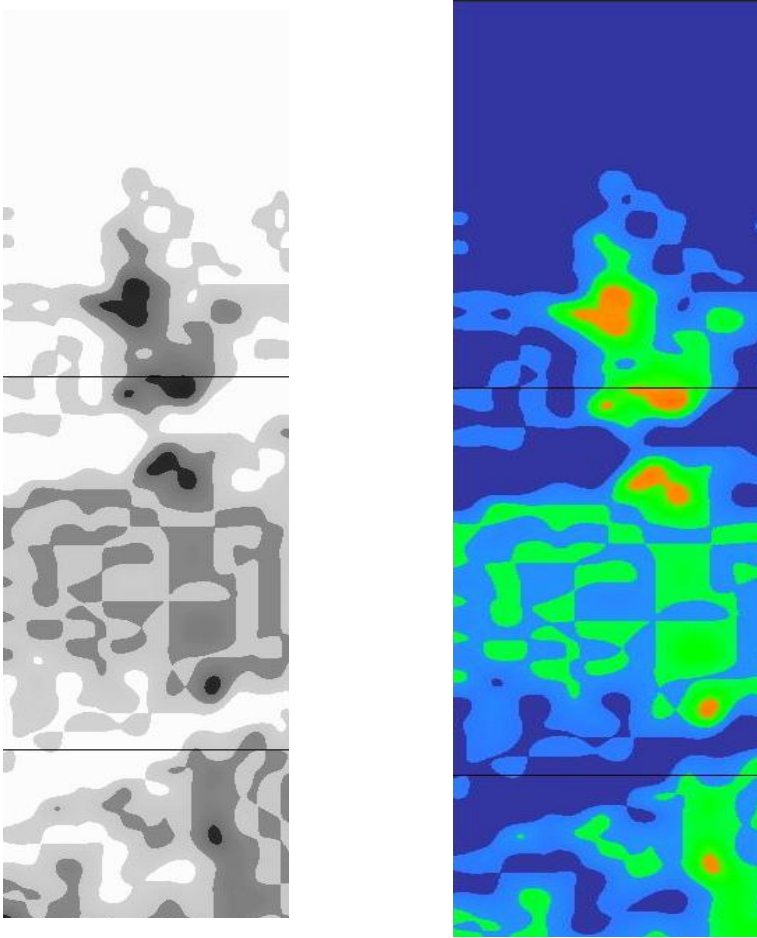


*Fig 3: Shade view results*

The dark blue lines on the right are field drains (gripes).

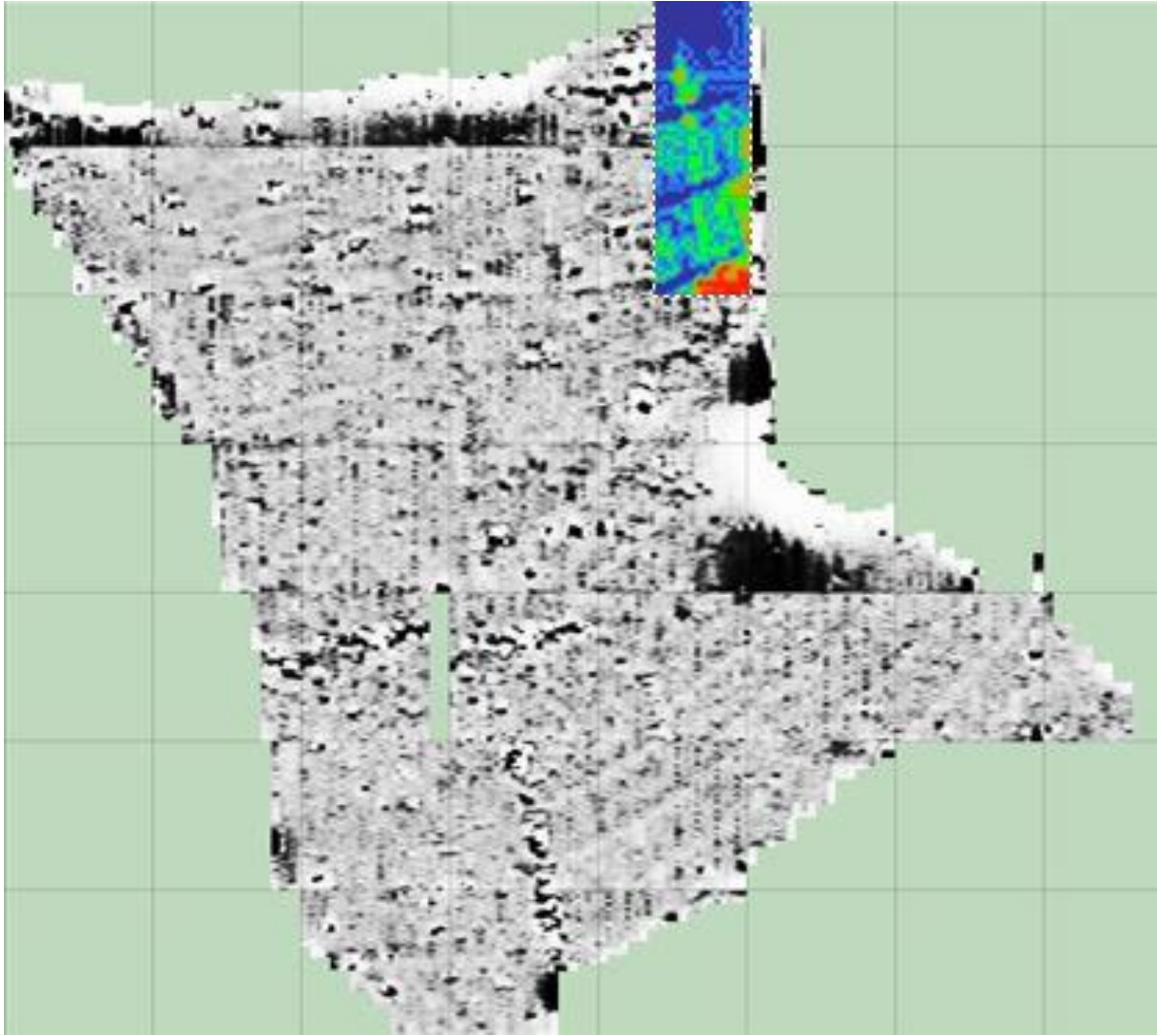
The only possible item of interest is the circular feature towards the top left.

Further results were obtained by applying all the above filters excluding Destripe as per Figure 4 below.



*Fig 4: Shade view without Destripe filter*

The results in figure 4 show the gripes even more clearly.



*Fig 5: Shade view. RM 15 colour result from figure 4 superimposed on gradiometry result*

The results of the resistivity scan are very clear. The parallel blue lines are grypes, which can also be clearly seen on the 1946 air photographs, and are mostly visible today.

## RM 15 Site Survey Record

YCCART Site Survey 8 <sup>th</sup> April 2010					
Project – Congresbury Kilns					
Summary Report					
Type /Instrument		Geoscan RM15			
		Map	Grid size 20m Sample interval 1m Traverse interval 1m Traverse mode zig-zag	Com ms	Baud rate 9600 Date separator no space
		range	Gain x1 Current 1mA Frequency 137 Hz	Progr	Program number 1 Probe configurations 1 Colours <b>Gr</b> highlighted
		Set up	Output voltage 40v Auto log speed medium High pass filter 13Hz Mains frequency 50 Hz Reset RM15? no	statu s	Battery voltage 11.4 RM15 adv 15000, version 2.0
		array	Hardware PA1		

Location		Venus Street, Congresbury				
		A	ST 4449E 6276N		D	ST E 4436 N 6271
			N 51°21'41" W 2°47'54"			N51°21'38" W 2°48'01"
Ref		none				
Site name		Mr Tutton #2				
Landowner		Keith Tutton				
Tenant		Peter Pike				
HER ref						
Site type		Open field				
Description		Grass				
Period		Unknown				
Geology		Limestone				
Land use		None				
Survey team		Peter English, Chris Short, Unsal Hassan, Dave Long & Ian Morton				
Survey area		notes		readings		
		<b>size</b>	walk direction		Not recorded in field	
Date 08/04/2010	1	20 x 20m	E			
	2	20 x 20m	E			
	3	20 x 20m	E			
Summary		<b>Survey completed</b>				
Ian Morton 08/04/2010		Version 1				

## Setting out details

Diagram shows Grad 601 survey grids dated 8/03/10 and 18/03/10 numbered 1 through to 23 shown in grey and Geoscan RM15 survey grids dated 8/04/2010 numbered 1 through 3 and shown in red.

