Survey of a Possible Long Barrow at The Bostle, Woodingdean, Brighton, Sussex. (Accession Number)

During August 1996 the Brighton and Hove Archaeological Society conducted a survey at The Bostle, Woodingdean, Brighton. (Ref TQ37 350530). The project was initiated by Ros Parker of English Heritage and Martin Brown Assistant County Archaeologist for East Sussex County Council. English Heritage had been in the process of scheduling several barrow groups around the Sussex area including the Bostle. Examination of aerial photographs at the Bostle had shown the features orientated north/south, the configuration suggested a possible "robbed" long barrow rather than a series of round barrows.

The Brighton and Hove Archaeological Society Field Unit used the project as a means of training personnel in surveying techniques. Geophysics was our priority and we tried to determine the nature of the ditches using a resistivity meter. We also conducted a contour survey using a dumpy level (Fig 2.) and surveyed the site with the use of a plane table (Fig 1). The use of a prismatic compass was also demonstrated. Fourteen members of the Society Field Unit participated and Mr Jason Brooker of the Downland Ranger Service, who also transported all of the equipment. The weather during the preceding four weeks had been predominantly dry.

The Resisitivity Survey

The farmer has been lifting his plough blades as he approaches the barrows and dropping them again on the opposite side, this has the effect of leaving a grass island in the corn crop. The site was set out in 20 metre squares running north to south along the length of the unploughed section. The approximate shape of the island is indicated in Fig 1.

The resistivity survey was conducted using an RM4 resistivity meter, the reading intervals were 1 metre and the readings were in ohms. The resistivity survey was conducted in four complete squares and one, number 5, was only 80% completed.

The contour survey was conducted in squares 2,3 and 4. The readings were taken in lines 2 metres apart and the readings along each line spaced 2 metres apart.

Conclusions

Colour coding of the data sheets suggests circular rather than longitudinal features or ditches. The central area in squares 2 and 3 has very positive low readings in a curved direction. The features to the south in square 1 are more ephemeral. Square 5 has several focal points of low readings, but these are with a central low area perhaps indicating pits. The data sheets have now been passed to Mr David Coombes of the Wealden Iron Research Group for processing on his geophysical

database. This will allow enhancement of the geophysical data.

It was unfortunate that the survey of 8 squares could not be completed as it would have produced a more detailed picture. Apparently only one day had been negotiated with the farmer.

From the evidence of the resistivity survey it appears that although the farmer has been trying to protect the monument, there is some erosion by ploughing on the eastern side of the barrows. A larger area needs to be removed from cultivation. Fieldwalking

Several members of the BHAS Field Unit were introduced to field walking techniques around the area being surveyed. Finds of Neolithic flint flakes with a white patination were found, some fire fractured flint and a solitary piece of oyster shell. The finds tended to be concentrated in an area to the south east of the barrow features.

Fieldwalking Material Details

Flint flakes- 14 in total (8 with cortex attached 57%) No tools

Fire-fractured flint 8 pieces (Weight total 494 grammes)

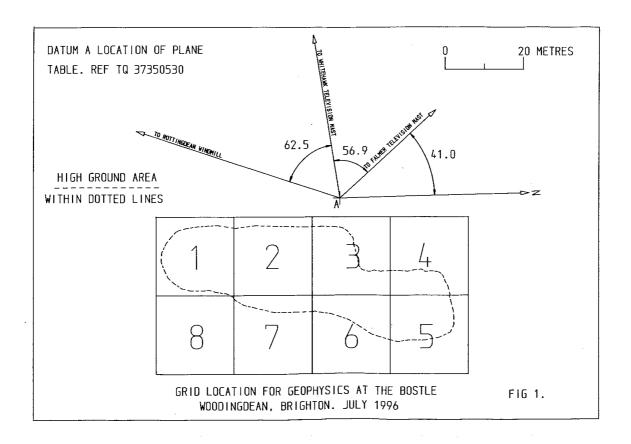
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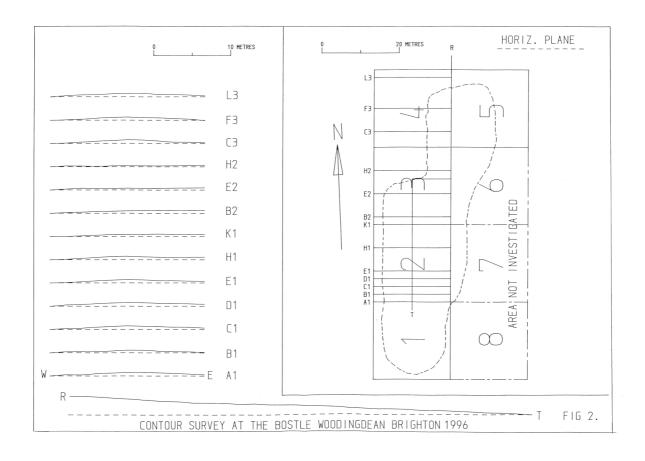
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A reference to excavations at the Bostle can be found in a Sussex Notes And Queries (Volume unknown). The article is included in the Curwen/Burstow Correspondance 1932/1966 Pages 11-14. (pers Comm. Mrs S.Nills Secretary Brightion and Hove Archaeological Society.)

The Brighton and Hove Archaeological Society Field Unit would like to take the opportunity to complete, and where possible, extend the survey after the next crop removal.

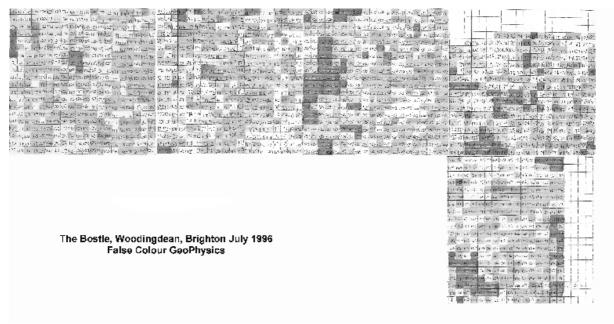
John Funnell 13/1/1997







Aerial Photograph



Composite Geophysical Survey from Original Sheets

Attached:

Levels Sheets sheet 2-4

Geophysical Sheets 1-5

Geophysical Sheets 1 -5 in colour

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