



Geophysical Survey at Hen Domen, Montgomeryshire

In order to test the suggestion that the small humps in the field to the west of the motte might be hut platforms belonging to the occupation connected with the ridge and furrow, a geophysical survey was undertaken. The fluxgate gradiometer was used since it detects hearths, ditches, etc. Continuous automatic recording was used with a traverse interval of 1 m. The results were also later processed by computer.

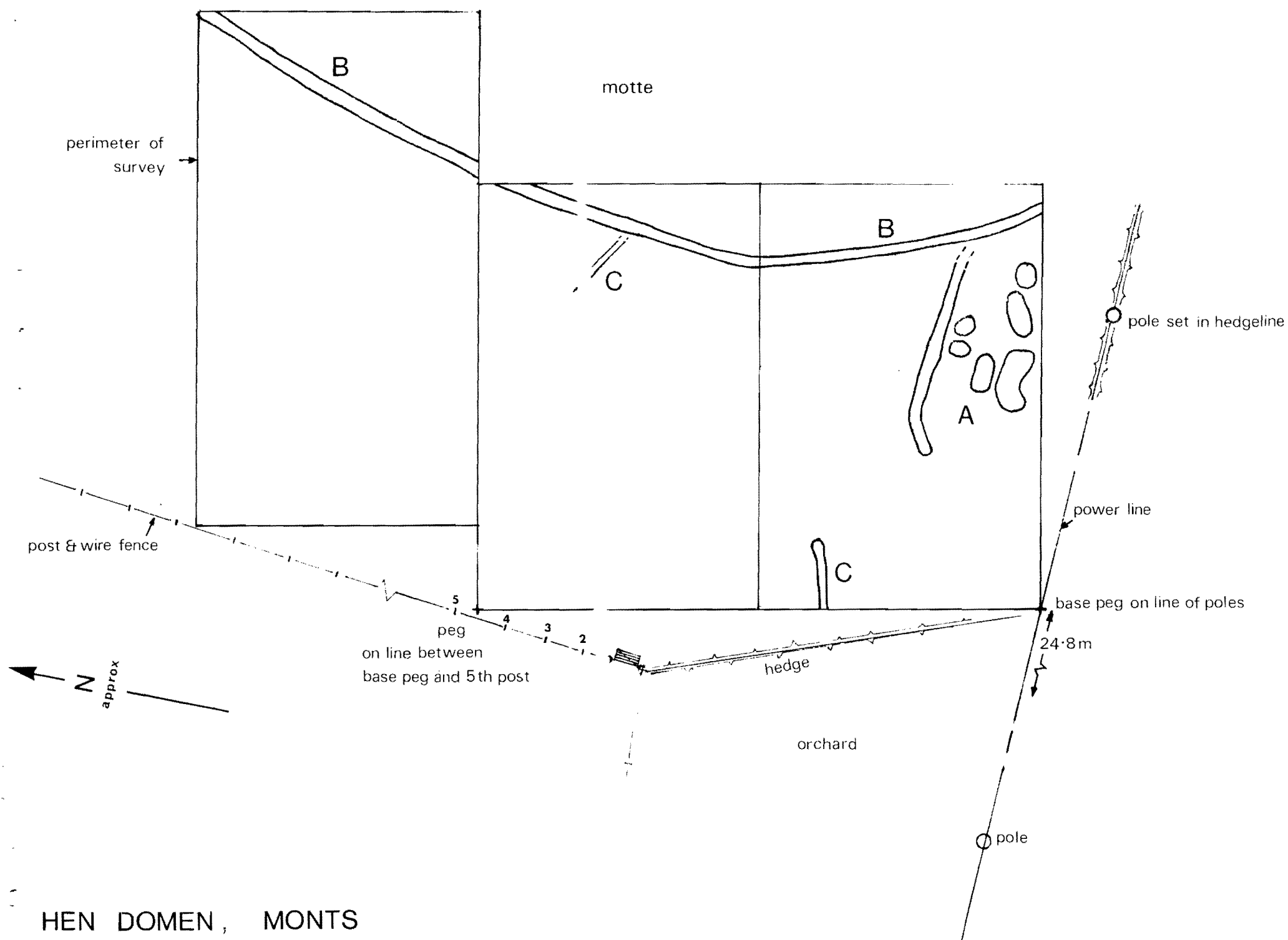
Although there was no detectable magnetic disturbance suggesting occupation associated with the humps, the survey showed the following: firstly (A on plan) a small area of magnetic activity at the southern end, apparently bounded on its northern side by a ditch running east-west; secondly (B) another ditch running outside and concentric with the extant ditch of the motte; and lastly two small ditches marked (C) on the plan.

It seems therefore that any archaeological search for occupation might best be directed to the area marked (A). It must be emphasised that these results do not rule out the possibility of other occupation remains. If they exist at all, they lack appreciable pits and ditches, or consist only of building foundations not likely to be detected with this instrument.

D. Haddon-Reece
A. D. H. Bartlett

Ancient Monuments Laboratory
Geophysics Section

December 1972



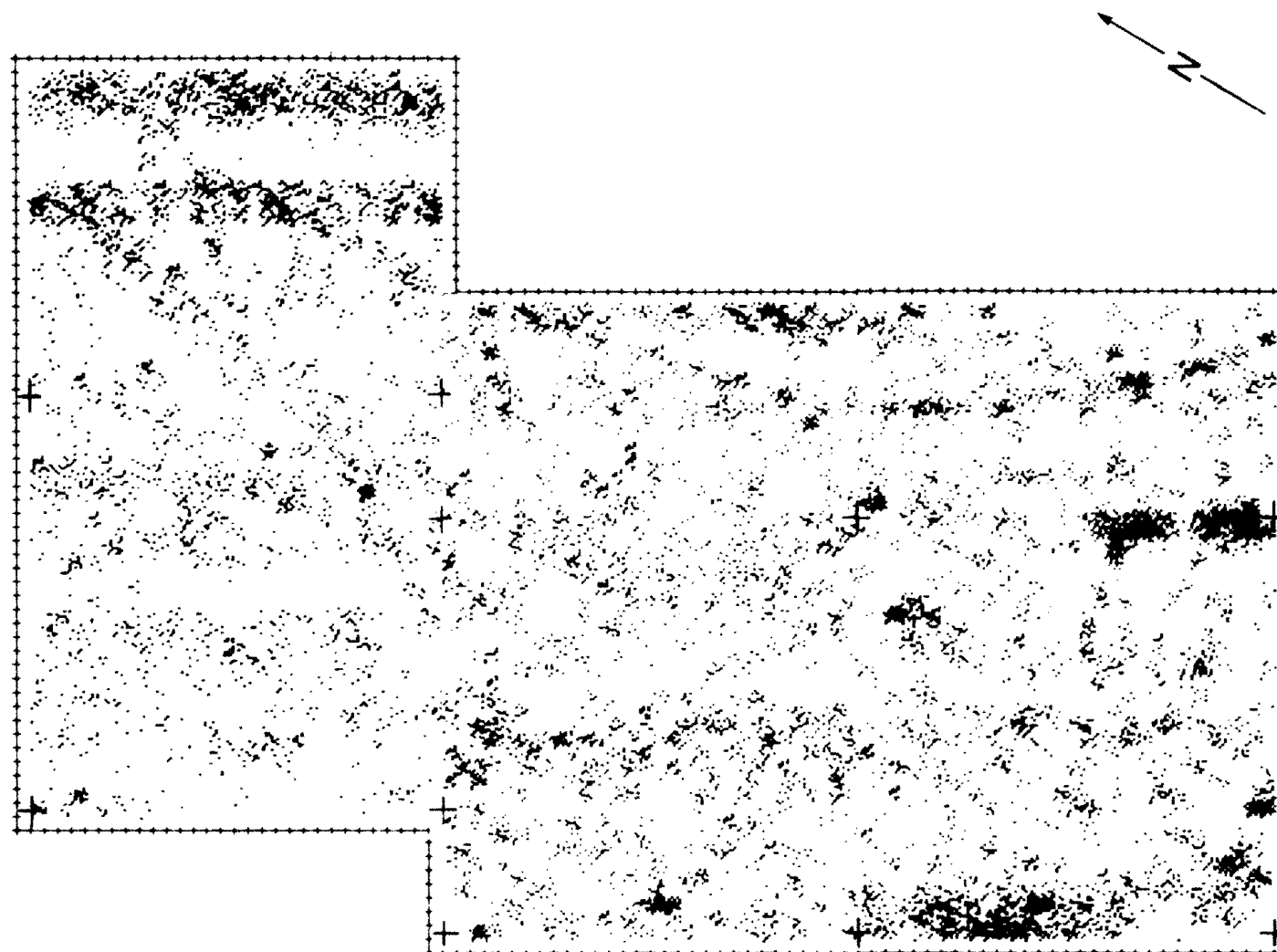
HEN DOMEN, MONTS

Fluxgate Gradiometer survey 1972

Scale 1:500

AM Lab Geophysics section

Hen Domen



A.M. Lab

1:500