Magnetometer Survey at Brancaster, Norfolk

Part of the field at OS 780440 adjoining the Roman Fort at Brancaster was surveyed on 26th April, 1973 using the fluxgate gradiometer and automatic plotting system.

The survey covered an area of four 30m squares across the E end of the field nearest to the fort, together with an exploratory sample of two squares further W as shown on plan 1.

In squares 1-4 there was no general pattern of archaeological activity and only a few scattered magnetic anomalies were detected. These might be archaeologically significant and their positions are marked on plan 2. The anomalies were weak (less than 5 gamma) and so are likely to correspond to relatively slight features, probably small pits, rather than features containing burnt clay.

The results from squares 5 and 6 showed evidence for more substantial archaeological disturbance. In addition to several small features the survey charts indicated the presence of a system of ditches, the main N-S one as shown on the plan being particularly distinct.

The findings in this second area might be of use in interpreting the aerial photograph of the site. They also suggest that since there are features present that yield a satisfactory magnetic response further geophysical investigation might be of value.

A.D.H. Bartlett

D. Haddon-Reece

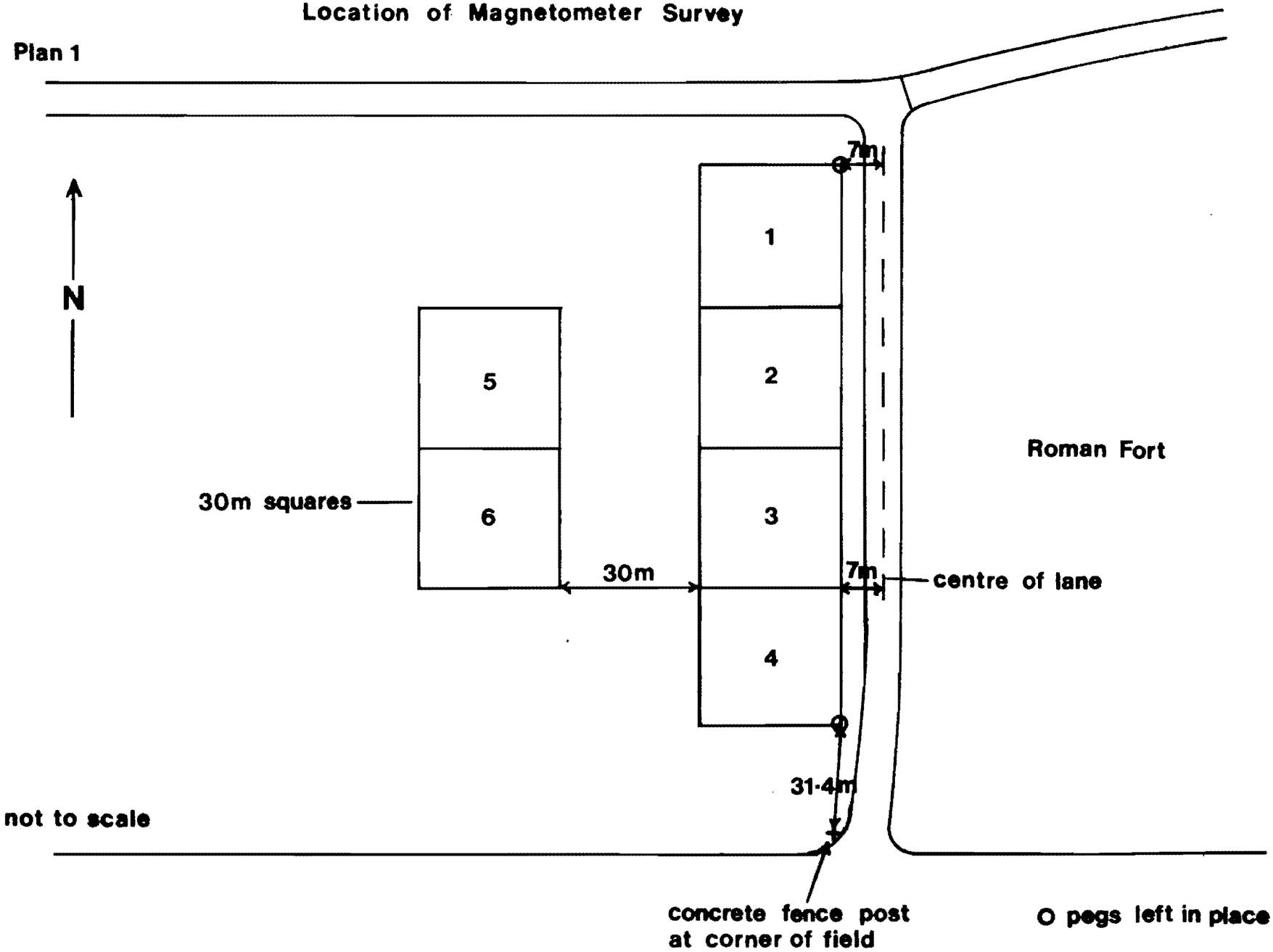
Ancient Monuments Laboratory, Geophysics Section

16th May, 1973

Brancaster

Location of Magnetometer Survey

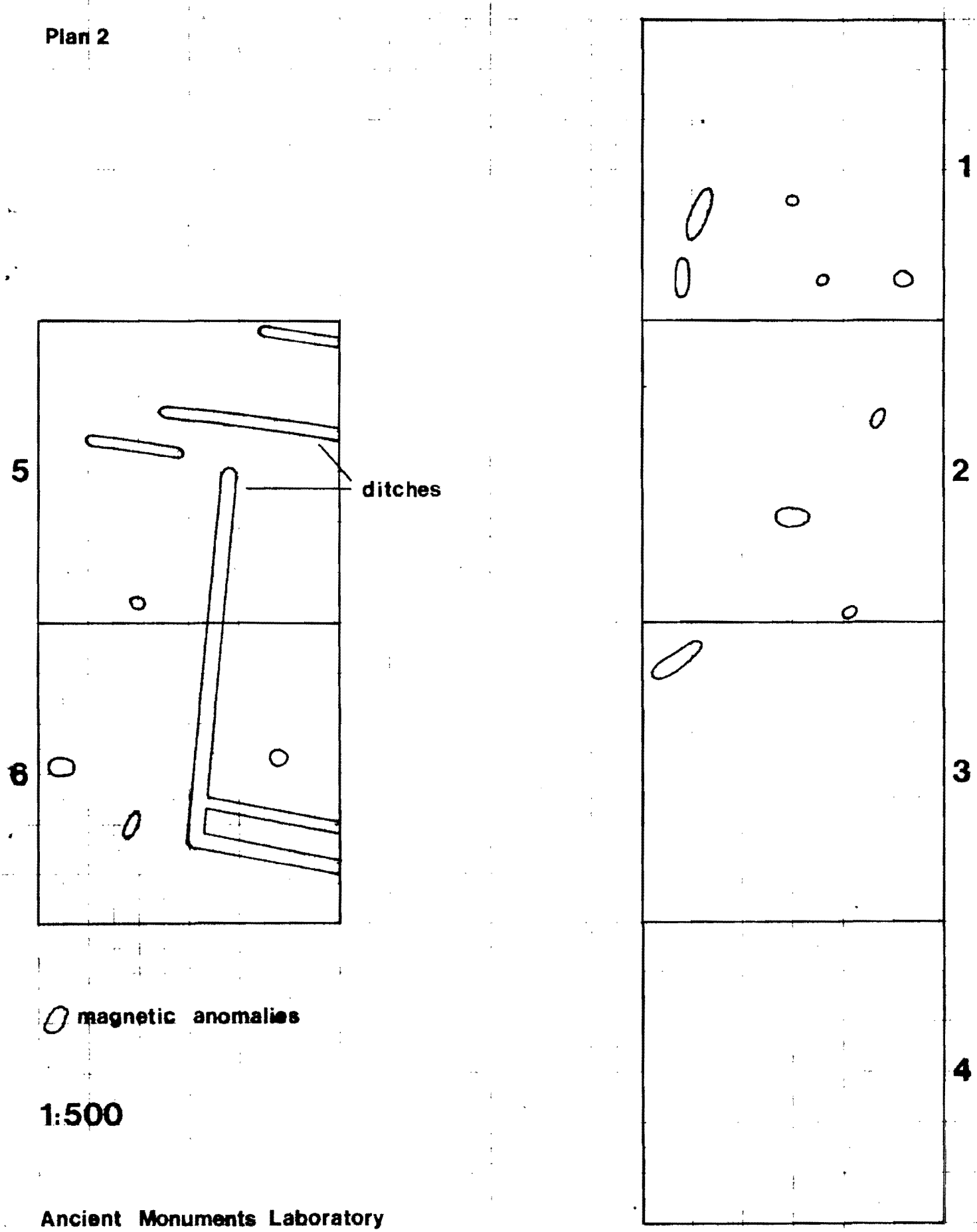
Plan 1



Brancaster

Magnetometer Survey Results

Plan 2



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Ancient Monuments Laboratory
Geophysics Section May 1973

BRANCASTER, NORFOLK, 1973.-4

KEY

PREVIOUS DEVELOPMENT LAYOUT .....

TEST EXCAVATIONS .....

MANHOLE ..... M

STOP VALVE ..... S

PIPE-LINE (surface indication of) .....

PROBABLE HIGHWAY IMPROVEMENT LINE .....

FEATURES VISIBLE ON AIR PHOTOGRAPHS -

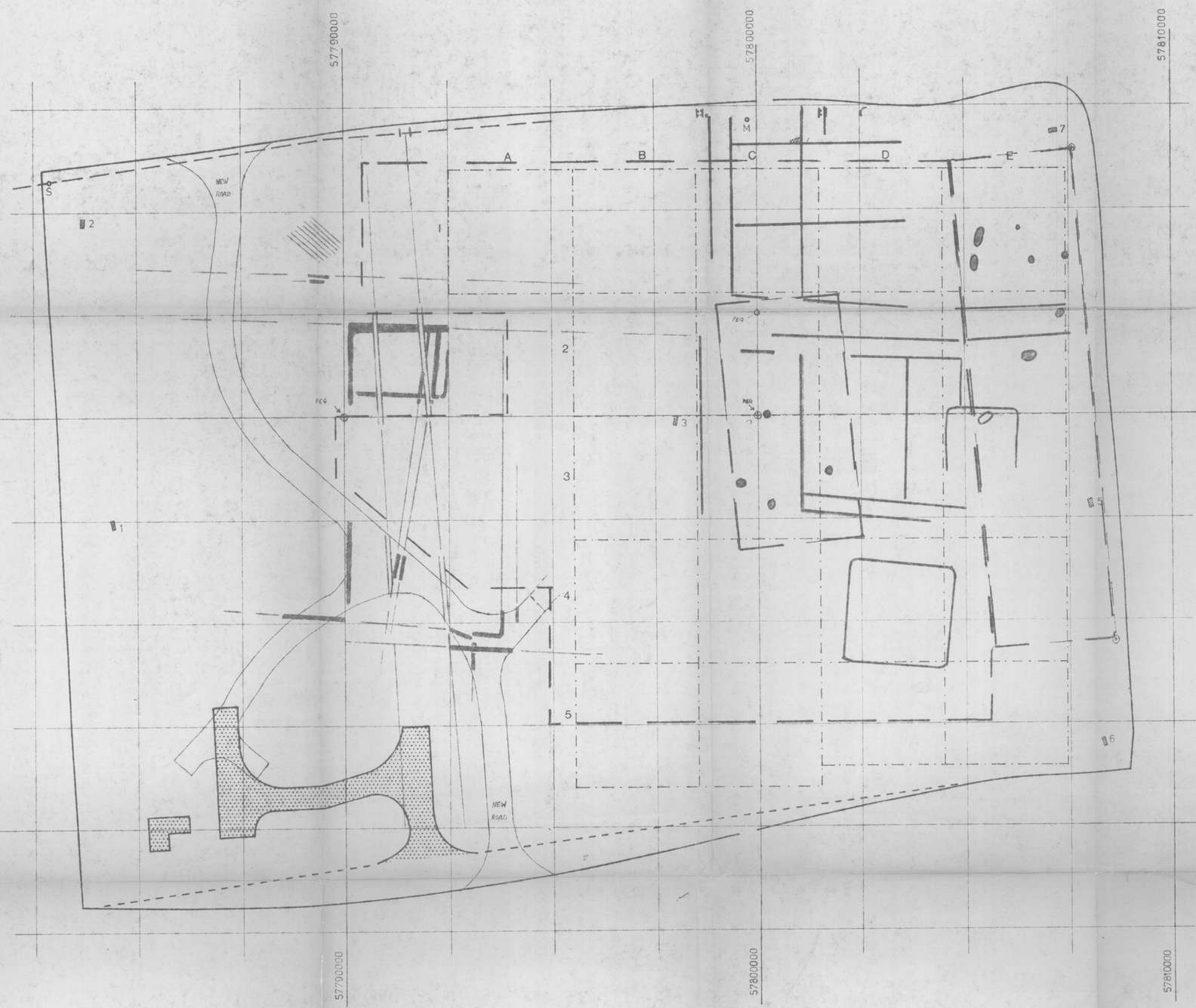
FEATURES VISIBLE ON GEOPHYSICAL SURVEY. -

FEATURES TRACED IN EXCAVATION . -

AREA OVER WHICH GEOPHYSICAL SURVEY HAS ALREADY BEEN CARRIED OUT -

FURTHER AREA TO BE SURVEYED -

GEOPHYSICAL SURVEY 1975
30m GRID SQUARES



10 0 10 20 30 40 50 60 70 80 90
METRES

Survey by D.A.Edwards

D.A.E. 74

BRANCASTER, NORFOLK

Magnetometer Survey 1975

A B C D E

578000

N

1 2 3 4 5

344000

magnetic anomalies

30m grid pegs

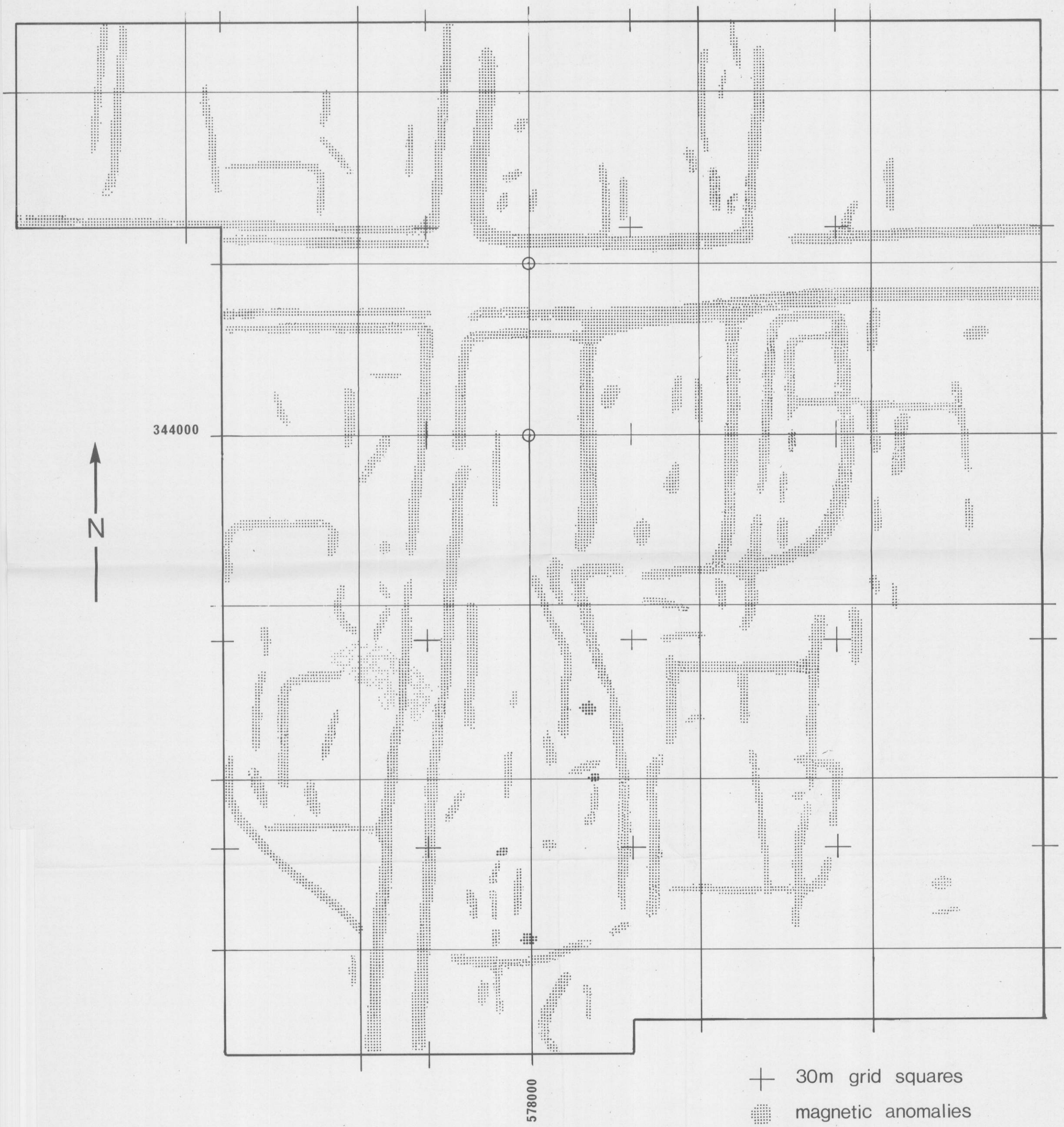
survey marker pegs

25m survey squares

A.M. Lab

1:200

Brancaster Magnetometer Survey, 1975



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