

EAST OF ENGLAND OFFICE

Enclosure #1:

Historic England Geophysical Survey Database Questionnaire

Survey Details

Name of Site:

Hill Top, Alconbury Weston

County:

Cambridgeshire

NGR Grid Reference (Centre of survey to nearest 100m):

TL18374 77628

Start Date:

10 Apr 21

End Date:

13 Apr 21

Geology at site (Drift and Solid):

Bedrock of Oxford Clay Formation-Mudstone
Superficial Deposits of Oadby Member-Diamicton

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Known archaeological Sites/Monuments covered by the survey

(Scheduled Monument No. or National Archaeological Record No. if known)

None

Archaeological Sites/Monument types detected by survey

(Type and Period if known. "?" where any doubt).

Iron-Age/Romano-British, *circa* 100 BC to AD 410

Surveyor (Organisation, if applicable, otherwise individual responsible for the survey):

Sawtry History Society

Name of Client, if any:

N/A

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Purpose of Survey:

This was a re-survey of the central area but at a higher sampling density than the earlier earth resistance survey (Res 171-1) of the same area. The higher sampling density was to gain greater clarity of result data than that of Res 171-1, in the hope that features would be revealed.

Location of:

a) Primary archive, i.e. raw data, electronic archive etc:

SHS Archaeological Digital Archive

b) Full Report:

OASIS

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Technical Details

(Please fill out a separate sheet for each survey technique used)

Type of Survey (Use term from attached list or specify other):

Resistivity

Area Surveyed, if applicable (In hectares to one decimal place):

0.92ha

Traverse Separation, if regular:

1m

Reading/Sample Interval:

0.25m

Type, Make and model of Instrumentation:

Geoscan Research RM85 Resistance Meter System and PA20 probe array assembly

For Resistivity Survey:

Probe configuration:

Twin probe

Probe Spacing:

0.5m

Land use at the time of the survey (Use term/terms from the attached list or specify other):

Grassland - Pasture

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Additional Remarks (Please mention any other technical aspects of the survey that have not been covered by the above questions such as sampling strategy, non-standard technique, problems with equipment etc.):

Day 1 - survey suspended due to broken remote probe cable connection that required soldering.

Day 2 - survey disrupted due to another broken remote probe cable connect; on this occasion the connection was non-soldered, so it was repaired in the field.



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List of terms for Survey Type

Magnetometer (includes gradiometer)
Resistivity
Resistivity Profile
Magnetic Susceptibility
Electro-Magnetic Survey
Ground Penetrating Radar
Other (please specify)

List of terms for Land Use:

Arable
Grassland - Pasture
Grassland - Undifferentiated
Heathland
Moorland
Coastland - Inter-Tidal
Coastland - Above High Water
Allotment
Archaeological Excavation
Garden
Lawn
Orchard
Park
Playing Field
Built-Over
Churchyard
Waste Ground
Woodland
Other (please specify)

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