

EAST OF ENGLAND OFFICE

Enclosure:

Historic England Geophysical Survey Database Questionnaire

Survey Details

Name of Site:

Sawtry Abbey

County:

Cambridgeshire

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

TL19746 82565

Start Date:

25 Jun 16

End Date:

26 Jun 16

Geology at site (Drift and Solid):

Bedrock of Oxford Clay Formation-Mudstone, with no superficial deposits



24 BROOKLANDS AVENUE, CAMBRIDGE, CB2 8BU

Telephone 01223 582 749
www.historicengland.org.uk

Historic England is subject to the Freedom of Information Act. 2000 (FOIA) and Environmental Information Regulations 2004 (EIR). All information held by the organisation will be accessible in response to an information request, unless one of the exemptions in the FOIA or EIR applies.

EAST OF ENGLAND OFFICE

Known archaeological Sites/Monuments covered by the survey

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

Sawtry Abbey (HLE 1013280)

Archaeological Sites/Monument types detected by survey

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

Sawtry Abbey

Monastic, Cistercian Order

High & Late Medieval and early Tudor

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

Sawtry History Society

Name of Client, if any:

N/A



24 BROOKLANDS AVENUE, CAMBRIDGE, CB2 8BU

Telephone 01223 582 749
www.historicengland.org.uk

Historic England is subject to the Freedom of Information Act. 2000 (FOIA) and Environmental Information Regulations 2004 (EIR). All information held by the organisation will be accessible in response to an information request, unless one of the exemptions in the FOIA or EIR applies.

EAST OF ENGLAND OFFICE

Purpose of Survey:

- (1) Determine the accuracy of drawings made by Inskip Ladds and ascertain to what extent, if any, they were influenced by his visit to Roche Abbey (Inskip Ladds, 1913: 300-301 & 341)
- (2) Locate buildings/functional spaces commonly expected to be present in the Cistercian abbey model, not included on the Inskip Ladds drawings
- (3) Enable Sawtry History Society (SHS) archaeologists to gain proficiency in the use of both the Geoscan Research RM85 Resistance Meter System and PA20 probe array assembly, and Geoscan FM256 Fluxgate Gradiometer
- (4) Enable SHS archaeologists to gain proficiency in the use of Snuffler software, specifically; importing, filtering, interpreting and analysing data
- (5) Enable SHS archaeologists to develop (25-26 Jun 16) geophysical survey procedures for future surveys

Location of:

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

SHS Archaeological Digital Archive

b) Full Report:

OASIS

	24 BROOKLANDS AVENUE, CAMBRIDGE, CB2 8BU <i>Telephone 01223 582 749</i> <i>www.historicengland.org.uk</i>	
<i>Historic England is subject to the Freedom of Information Act. 2000 (FOIA) and Environmental Information Regulations 2004 (EIR). All information held by the organisation will be accessible in response to an information request, unless one of the exemptions in the FOIA or EIR applies.</i>		

EAST OF ENGLAND OFFICE

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):

0.72ha

Traverse Separation, if regular:

1m

Reading/Sample Interval:

1

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

	24 BROOKLANDS AVENUE, CAMBRIDGE, CB2 8BU Telephone 01223 582 749 www.historicengland.org.uk	
Historic England is subject to the Freedom of Information Act. 2000 (FOIA) and Environmental Information Regulations 2004 (EIR). All information held by the organisation will be accessible in response to an information request, unless one of the exemptions in the FOIA or EIR applies.		

EAST OF ENGLAND OFFICE

Technical Details

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

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

Magnetometer (includes gradiometer)

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

0.36ha

Traverse Separation, if regular:

1m

Reading/Sample Interval:

4

Type, Make and model of Instrumentation:

Geoscan FM256 Fluxgate Gradiometer

For Resistivity Survey:

Probe configuration:

N/A

Probe Spacing:

N/A

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

Grassland - Pasture

	24 BROOKLANDS AVENUE, CAMBRIDGE, CB2 8BU Telephone 01223 582 749 www.historicengland.org.uk	
Historic England is subject to the Freedom of Information Act. 2000 (FOIA) and Environmental Information Regulations 2004 (EIR). All information held by the organisation will be accessible in response to an information request, unless one of the exemptions in the FOIA or EIR applies.		

EAST OF ENGLAND OFFICE

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.):

See Annex A of the interim report



24 BROOKLANDS AVENUE, CAMBRIDGE, CB2 8BU

Telephone 01223 582 749
www.historicengland.org.uk

Historic England is subject to the Freedom of Information Act. 2000 (FOIA) and Environmental Information Regulations 2004 (EIR). All information held by the organisation will be accessible in response to an information request, unless one of the exemptions in the FOIA or EIR applies.

EAST OF ENGLAND OFFICE

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)



24 BROOKLANDS AVENUE, CAMBRIDGE, CB2 8BU

Telephone 01223 582 749
www.historicengland.org.uk

Historic England is subject to the Freedom of Information Act. 2000 (FOIA) and Environmental Information Regulations 2004 (EIR). All information held by the organisation will be accessible in response to an information request, unless one of the exemptions in the FOIA or EIR applies.