



University of Leicester

Archaeological Services



**An Archaeological Fieldwalking Survey
At land west of Melbourne Road,
Ravenstone, Leicestershire**

NGR: SK 405 133

James Harvey

ULAS Report No 2012-090
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**An Archaeological Fieldwalking Survey
At land west of Melbourne Road,
Ravenstone, Leicestershire**

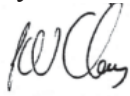
NGR: SK 405 133

James Harvey

For: CgMs Consulting Ltd

Checked by

Signed:



Date: 31.05.2012

Name: Patrick Clay

Approved by

Signed:



Date: 31.05.2012

Name: Richard Buckley

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CONTENTS

Summary	1
1. Introduction.....	1
2. Site Description, Topography and Geology.....	1
3. Archaeological Background (Taken From <i>Mortimer 2012</i>).....	3
4. Aims and Methods	3
5. Results.....	6
6. The Finds	8
7. Conclusions.....	9
8. Archive.....	9
9. Acknowledgements.....	10
10. Bibliography	10
Appendix 1 Design Specification	12

FIGURES

Front cover: View of field from north-east corner looking south-east

Figure 1: Site location plan within the UK and county of Leicestershire.....	2
Figure 2: Site location plan. 1:25 000 (1 km grid).....	2
Figure 3: Field numbers and direction of fieldwalking traverses	4
Figure 4: View of northern half of the field looking north-west	5
Figure 5: View of southern half of the field looking south.....	5
Figure 6: Distribution of worked flint and pottery.....	7

TABLES

Table 1: Key to Pottery/Ceramic Building Material Fabrics and to Date ranges	8
Table 2: The finds by find spot, fabric/material, number and date range.....	8

An Archaeological Fieldwalking Survey at land west of Melbourne Road, Ravenstone, Leicestershire

Summary

An archaeological fieldwalking survey was carried out by the University of Leicester Archaeological Services (ULAS) on land to the west of Melbourne Road, Ravenstone, Leicestershire, on behalf of CgMs Consulting Ltd. The fieldwalking survey proved mainly negative, revealing a single flint flake and a single sherd of Roman pottery, both located on the eastern edge of the site. In addition to this, a low density of medieval and post-medieval pottery was identified across the entire survey area.

The site archive will be held by Leicestershire County Council Heritage Services Section, accession no. XA.60.2012.

1. Introduction

This report presents the results of an archaeological fieldwalking survey carried out by University of Leicester Archaeological Services (ULAS) on land to the west of Melbourne Road, Ravenstone, Leicestershire (SK 405 133). The work was undertaken as part of an archaeological impact assessment in advance of proposed development of the site as a residential development.

2. Site Description, Topography and Geology

The site is located approximately 2 km west of Coalville centre, 0.3km south-east of the village centre of Ravenstone, within the District of North West Leicestershire. The application area consists of a single field that covers an area of c.7.1 ha. It is bounded to the west by Melbourne Road and properties fronting the road. It is bounded along its western side by a seasonal watercourse, and by further fields/small holdings to the north and south (see figs.1 and 2).

The topography of the site is gently undulating with a gradual slope down westwards from c.146m OD on Melbourne Road to the watercourse along the western boundary at c.140m OD. There was a more pronounced dip at the southern end of the field, on its western edge.

The British Geological Survey (<http://maps.bgs.ac.uk/geologyviewer>) records the SKbedrock below the site as Tarporley siltstone that is overlain by superficial glaciofluvial deposits of sand and gravel across the majority of the site. Alluvium is recorded along the western boundary, associated with the water course located there. A clear absence of stone inclusions within the soil was recorded against the western side of the field in comparison to elsewhere, that may be representative of alluvial/colluvial build-up.

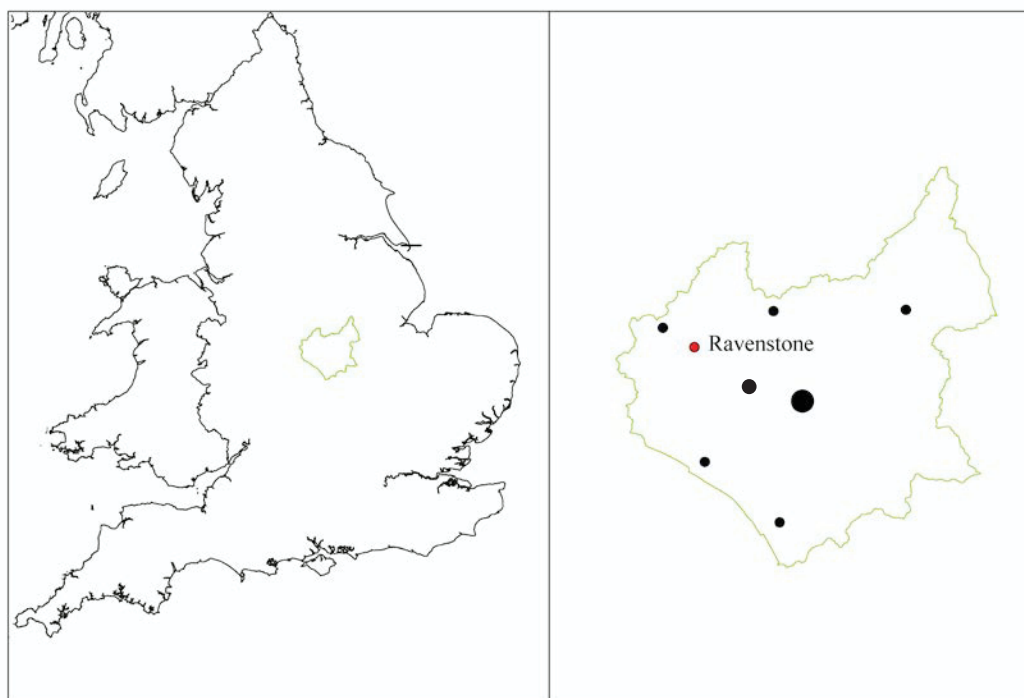


Figure 1: Site location plan within the UK and county of Leicestershire

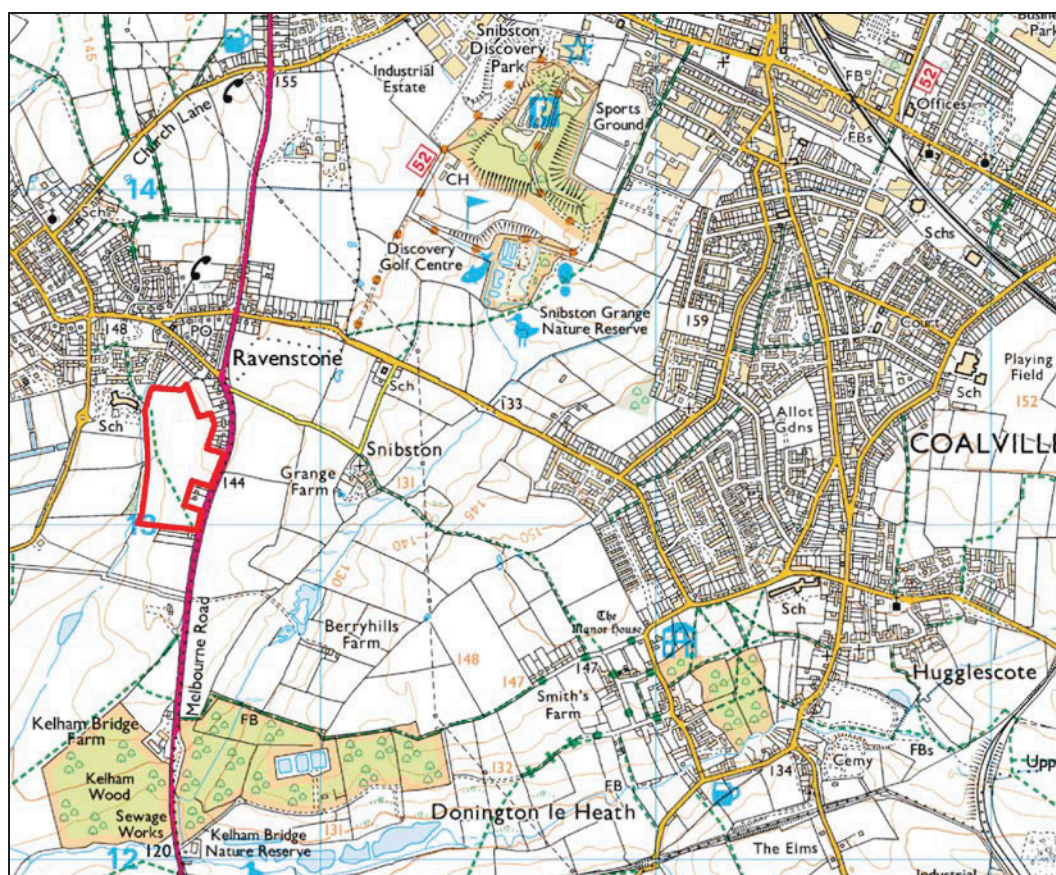


Figure 2: Site location plan. 1:25 000 (1 km grid).

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3. Archaeological Background (Taken From *Mortimer 2012*)

The Historic Environment Records (HERs) for Leicester and Leicestershire and Rutland shows that the site is located in close proximity to a number of known archaeological sites, ranging in date from the Mesolithic to the medieval period (Mortimer 2012, 10-12). Fieldwalking has located a number of prehistoric flint scatters close to the site. Most notably two Mesolithic scatters have been identified *c.*300m and *c.*500m south of the site that are located close to the same watercourse that runs up the western boundary of the site (**MLE4830**; **MLE4826**). A pit alignment, probably dating to the early Iron Age, has been recorded on aerial photographs to the north of the village, providing clear evidence that the landscape was being divided up during this period (**MLE17259**). However little evidence of Iron Age settlement has been recorded in the vicinity, although a few sherds of Iron Age pottery were recovered during fieldwalking, 300m north-east of the site. These were recorded within a larger Roman pottery concentration (**MLE9455**). A tight scatter of Roman pottery has also been recovered during fieldwalking immediately east of Melbourne Road, *c.*30m east of the southern boundary (**MLE9456**). Further Roman pottery has been found *c.*100m east and 200m south of the site (**MLE8185**; **MLE19814**). The site lies 0.3km south-east of the medieval village core of Ravenstone (**MLE4831**) and presumably throughout the medieval and post-medieval periods the application area was used as open agricultural land. A number of possible manuring scatters containing medieval and post-medieval pottery have been recorded by fieldwalking within the wider study area.

4. Aims and Methods

The overall aim of the fieldwalking survey was to gather some information to establish the extent, condition, character and date (as far as circumstances permit) of any archaeological features and deposits within the area. Pre-modern artefacts were collected and bagged along 20m transects that had been set up within 100m Ordnance Survey grids. The location of the finds was plotted using hand held GPS loggers (Garmin Legend Hcx, satellite accuracy *c.*3-5m). Assuming a field of vision of 2 metres, a 10% sample of the field's surface was examined.

The visibility during the survey was good with diffused lighting and the crop only partially obscuring the surface, providing *c.*90% ground visibility (Figs. 3-4). All archaeological work adhered to the Institute for Archaeologist's (IfA) *Code of Conduct and Standard and Guidance for Archaeological Evaluations* and the *Guidelines for Archaeological Work in Leicestershire and Rutland* (LMARS).

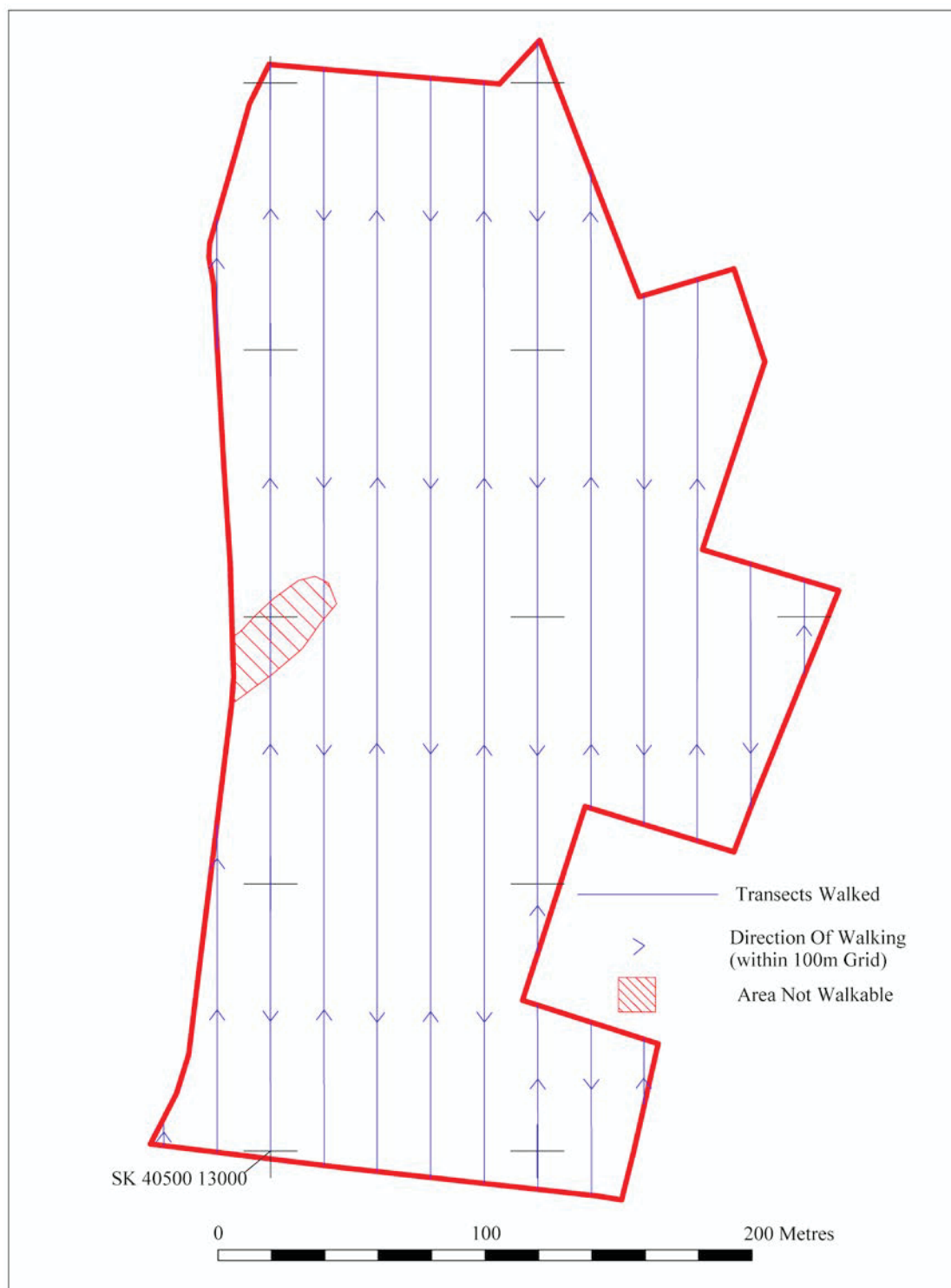


Figure 3: Field numbers and direction of fieldwalking traverses



Figure 4: View of northern half of the field looking north-west



Figure 5: View of southern half of the field looking south

5. Results

A total of 21 finds was recorded, consisting of 1 worked flint, 16 sherds of pottery and three fragments of ceramic building material. The flint and pottery were examined by Lynden Cooper and Deborah Sawday, respectively, and their identifications can be found in ‘**The Finds**’ section (see below). Plots of the finds are shown below in figure 6.

Prehistoric

A single flint flake was recovered close to the eastern site boundary.

Roman

A single sherd of Roman mortarium was recovered from the south-east corner of the site.

Medieval

Two sherds of medieval/late medieval pottery were recovered from the survey. These finds are likely present because of manuring practices.

Post-medieval - modern

The majority of the pottery finds recovered (81%) were post-medieval/modern pottery sherds. These ranged from early earthenware (17th century) to later 19th-century examples (see tables 1 and 2). Modern brick, tile, and pottery were observed, but generally not collected during the survey unless thought to be earlier in date. The post-medieval/modern finds appear more concentrated along the western side of the field although this may be due to movement of material down the slope. It is likely this material is also present because of manuring practices.

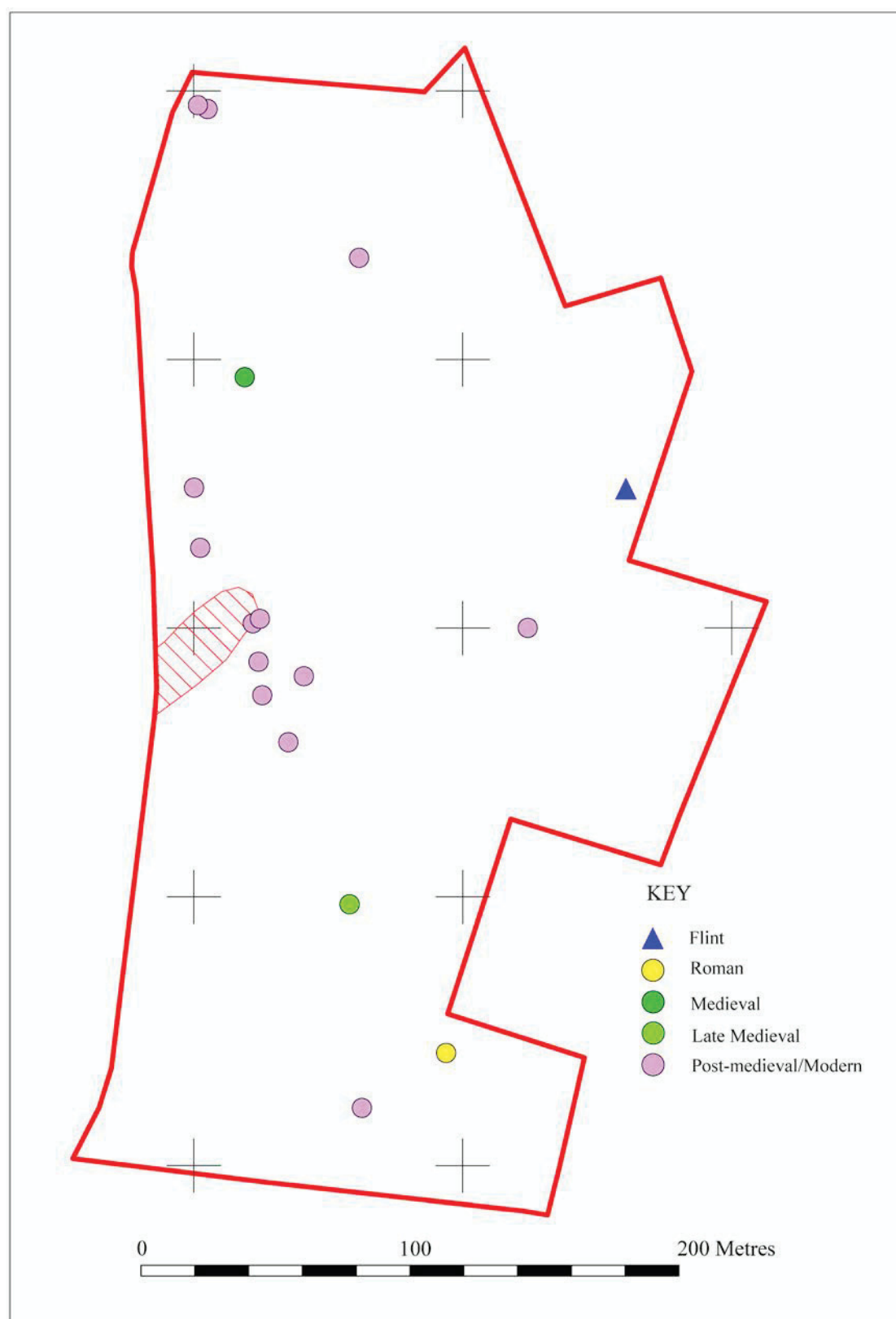


Figure 6: Distribution of worked flint and pottery

6. The Finds

Deborah Sawday

The pottery, tile and flint, with find spots and approximate date ranges where appropriate, are listed below (Tables 1 and 2).

One Prehistoric fragment of flint was recorded.

The ceramic material was catalogued with reference to the ULAS fabric series (Connor and Buckley 1999). A single sherd of Roman pottery, part of a mortarium from the Mancetter Hartshill kilns and dating to the 2nd century AD was recorded. One of the two medieval sherds was of note; a late medieval Cistercian ware pedestal base, possibly part of a one or two handled pedestal cup (Mellor and Pearce 1981, fig.41. 218 and 219), or a chafing dish (*ibid* 1981, fig.41.206). The fabric suggests that this is a product of the nearby Ticknall kilns in Derbyshire. The remaining pottery and tile was post medieval or modern in date.

Table 1: Key to Pottery/Ceramic Building Material Fabrics and to Date ranges

Fabric	Ware	Date Code	Period	Date Range
MO4	Mortaria 4	RB	Roman	2nd C. +
MS	Medieval Sandy	MED/LM	Med/Late Med	c.1250-c.1500/50
CW2	Cistercian ware 2	LM	Late Med.	c.1450-1550
MY	Midland Yellow	PM	Post Med	c.1500-1725
EA1	Earthenware 1	EPM/PM	Early Post Med/Post Med	c.1500/50-1750
EA2	Earthenware 2	PM/MOD	Post Med/Mod	c.1500/50-1900+
EA3/4	Mottled ware	PM/MOD	Post Med/Mod	c.1650/80-1780
EA	Earthenware	MOD	Modern	c.1750-1900+

Table 2: The finds by find spot, fabric/material, number and date range.

Find No.	Fabric	Nos	Date Range	Comments
1	EA	1	MOD	tile
2	CW2	1	LM	Pedestal base, 180g, base diameter c.83mm, possibly a one or two handled pedestal cup (Mellor and Pearce 1981, fig.41. 218 and 219), or a chafing dish (<i>ibid</i> 1981, fig.41.206).
6	Flint	1		Secondary flake
7	EA1	1	PM	
8	EA2	1	PM/MOD	

9	EA3/4	1	PM	
10	EA1	1	EPM/PM	
21	MO4	1	RB	Mortarium fragment, Mancetter Hartshill, 2nd C. +
22	EA	1	PM/MOD	
24	EA2	1	MOD	brick
25	EA2	1	PM/MOD	Jar rim
26	MY	1	PM/MOD	
27	EA	1	MOD	tile
28	EA	1	MOD	tile
29	EA2	1	PM/MOD	
30	EA2	1	PM/MOD	Jar/cup rim
31	EA1 /2	1	PM/MOD	
32	EA2	1	PM/MOD	
33	MS	1	MED	
34	EA2	1	PM	Wide mouthed bowl rim
35	EA2	1	PM/MOD	

7. Conclusions

The fieldwalking survey located very few finds, comprising a single prehistoric flint flake, a single sherd of Roman pottery, two sherds of medieval pottery and 13 sherds of post-medieval/modern pottery

A density of 3 objects per hectare from a *c.* 10% collection is low and does not suggest that the area was occupied. The presence of low densities of flint is relatively common and simply implies transient activity during the Mesolithic-Bronze Age periods. Just a single sherd of Roman pottery was found within the south-eastern corner of the area, suggesting that Roman activity was unlikely to be present on the site. It is more indicative that that the site may be on the periphery of Roman settlement activity. A concentration of Roman pottery has been previously been recorded on the other side of Melbourne Road (**MLE9456**), *c.* 80m east from where the sherd of Roman pottery was recovered from. It seems likely that a Roman site may therefore be present close to the road line at the southern end of the site.

The remaining finds located comprised medieval, post-medieval and modern pottery sherds which are likely to have resulted from manuring spreads being added to the fields.

8. Archive

The archive will be deposited with Leicestershire County Council, Heritage Services, under accession number XA.60.2012.

The archive contains:

- Survey notes and plans
- Digital photos on CD
- 1 box of finds
- Unbound copy of this report

The report is listed on the Online Access to the Index of Archaeological Investigations (OASIS) held by the Archaeological Data Service at the University of York... Available at: <http://oasis.ac.uk/>

ID	OASIS entry summary
Project Name	Melbourne Road, Ravenstone
Summary	An archaeological fieldwalking survey was carried out by the University of Leicester Archaeological Services (ULAS) on land to the west of Melbourne Road, Ravenstone, Leicestershire, on behalf of CgMs Consulting Ltd. The fieldwalking survey proved reasonably mainly negative, revealing a single flint flake and a single sherd of Roman pottery, both located on the eastern edge of the site. In addition to this, a low medieval and post-medieval pottery was identified across the entire survey area.
Project Type	Fieldwalking
Project Manager	Patrick Clay
Project Supervisor	James Harvey
Previous/Future work	Previous: Geophysics / Future: uncertain.
Current Land Use (2009)	Agricultural farmland
Development Type	Commercial
Reason for Investigation	PPG16
Position in the Planning Process	Pre-application
Site Co ordinates	SK 574 145
Start/end dates of field work	17/05/2012 – 17/05/2012
Archive Recipient	Leicestershire County Council, Heritage Services
Study Area	16ha
Associated project reference codes	Museum accession ID: XA.60.2010 OASIS form ID:

9. Acknowledgements

Fieldwork was carried out by James Harvey and Matthew Morris. The pottery was identified by Deborah Sawday and the flint by Lynden Cooper. Patrick Clay managed the project.

10. Bibliography

Clay, P., *Land west of Melbourne Road, Ravenstone, Leicestershire (SK 405 133) Written scheme of investigation for Fieldwalking Survey*. ULAS Specification 12-660 (unpublished grey literature; Appendix 1)

Connor, A., and Buckley, R., 1999 *Roman and Medieval Occupation in Causeway Lane, Leicester*, Leicester Archaeology Mon. 5.

Mellor, J.E., and Pearce, T., 1981 *The Austin Friars, Leicester*. London: Counc. Brit. Archaeol. Res. Rep. **35**.

Mortimer, S., 2012 *Land off Melbourne Road, Ravenstone. Archaeological desk based Assessment*. CgMs Consulting (unpublished grey literature)

IfA, 2006 *Code of Conduct*

Sawday, D., 1989 'The post Roman pottery', 28-41 in J.N. Lucas, 'An excavation in the north east quarter of Leicester: Elbow Lane, 1977', *Trans. Leicestershire Archaeol. and Hist. Soc.* **63**, 18-47.

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31.05.2012

Appendix 1 Design Specification

UNIVERSITY OF LEICESTER ARCHAEOLOGICAL SERVICES

Design Specification for archaeological work

Land west of Melbourne Road, Ravenstone, Leicestershire (SK 405 133)

Written scheme of investigation for Fieldwalking Survey

For: CgMs Consulting Ltd

1. Introduction

1.1 This document sets out a Written Scheme of Investigation (WSI) to evaluate potential archaeological deposits at land west of Melbourne road, Ravenstone, Leicestershire. The site is located on the south side of Ravenstone village centre, to the west of Melbourne Road (centred at NGR SK 405 133). The site is approximately 7 ha in area and covered an arable field, which at present has a young crop (Figure 1).

1.3 The Historic Environment Record (HER) shows that the site lies within an area of known archaeology. An Archaeological desk-based Assessment carried out by CgMs Ltd. indicated that the proposed development area (Mortimer 2012) indicates that there are no known heritage assets within the site. However field walking in the vicinity of the site has identified prehistoric flint assemblages and Romano-British pottery had been located in the fields to the east of the site. The potential for archaeological remains to be present within the site was therefore considered to be high. A geophysical survey by Phase Site Investigations however was inconclusive (2012).

2. Geology and topography

The British Geological Survey (www.bgs.ac.uk) records the bedrock below the site as the Tarporley Siltstone Formation overlain by superficial glaciofluvial sand and gravel deposits.

3. Aim of the Survey

3.1 The overall aim of the survey is to attempt to gather sufficient information to establish the extent, condition, character and date (as far as circumstances permit) of any heritage assets which may be present within the site

4. Survey Methodology

4.1 General Methodology

4.1.1 Fieldwalking surveys are required over the areas identified above in order that an assessment can be made of the presence and extent of any potential archaeological deposits.

4.1.2. Access arrangements will be agreed with the landowner prior to commencement of the work.

4.1.5 The survey will be committed to the standards and codes of conduct set out by the Institute for Archaeologists.

4.1.6 Before the survey starts an Accession Number will be obtained from Leicestershire County Council.

4.2 Setting out of survey grids

4.2.1 The survey grids will be set out using a Global Positioning Satellite receiver. Partial grids shall be avoided wherever possible. Survey pegs will be set out in field boundaries and where possible be left in place. All survey grids will be plotted onto the OS digital base map with National Grid co-ordinates to enable the accurate location of trial trenches over anomalies.

4.3 *Fieldwalking*

4.4.1 A programme of fieldwalking will be undertaken over all the available areas. The fieldwalking is to take place after the fields are ploughed, rolled (or harrowed) and weathered for at least 3 weeks.

4.4.2 Transects will be set out at 20m intervals and all pre-modern artefacts will be collected and bagged along these transects. The location of the finds will be plotted using hand held GPS loggers.

4.4.3 *Sampling Interval*

4.4.3.1 The fieldwalking surveys will be carried out on a 20m grid. Assuming a 2m range of view this will provide a 10% sample of the total area.

4.4.4 *Data Capture*

4.4.4.1 Artefact locations will be logged manually on site, and then plots produced using GPS Utility and ArcGIS 9.3 software.

4.4.5 *Processing of data*

4.4.5.1 Pre-modern artefacts will be collected from the fieldwalking surveys. These will be washed marked and identified.

4.4.5.2 All survey results will be plotted at an appropriate scale on an OS digital base map.

4.5 *Timetabling*

4.5.1 It is proposed that the fieldwalking and geophysical surveys will be undertaken in May 2012.

5. *Liaison/monitoring*

5.1 Unlimited access to monitor the project will be available to the Leicestershire County Council Principal Planning Archaeologist, the Client and his representatives subject to the security and health and safety requirements of the site.

5.2 Internal monitoring procedures will be undertaken including visits to the site by the project manager as appropriate. These will ensure that project targets are met and professional standards are maintained.

6. Report

6.1 A reports on the fieldwork will be provided following analysis of the surveys. It will be distributed to the client and subject to the client's approval the Leicestershire County Council Principal Planning Archaeologist and the Historic Environment Record,

6.2 The reports will contain sufficient detail to enable the results of the survey to be interpreted without recourse to the site archive.

6.3 The reports will include the following

- Non-technical summary
- Introduction (Site location and description, archaeological background, nature and location of the survey)
- Method statement detailing methods and equipment used, results and conclusions.
- Summary of results and significance

- Appendices of specialist reports

6.4 The reports will contain an accurate site plan showing the surveyed areas, raw data and interpretation of the principal features revealed. The data will be presented in map form on the OS digital map base, on A3 sheets at an appropriate scale; usually no scale smaller than 1:1000 is used. Maps will be constructed using AutoCAD and contain north arrows, scale-bar, scale, title, figure number, key and date. Adjacent areas must also be included on the plan to allow the site to be accurately located as well as the grid co-ordinates used.

7. Health and Safety

7.1 ULAS is covered by and adheres to the University of Leicester Statement of Safety Policy and uses the ULAS Health and Safety Manual (revised 2010) with appropriate risks assessments for all archaeological work. A draft Health and Safety statement for this project is in the Appendix. The relevant Health and Safety Executive guidelines will be adhered to as appropriate.

8. Insurance

8.1 All ULAS work is covered by the University of Leicester's Public Liability and Professional Indemnity Insurance. The Public Liability Insurance is with St Pauls Travellers Policy No. UCPOP3651237 while the Professional Indemnity Insurance is with Lloyds Underwriters (50%) and Brit Insurances (50%) Policy No. FUNK3605.

9. Bibliography

Mortimer, S., 2012 *Land off Melbourne Road, Ravenstone. Archaeological desk based Assessment.* CgMs Consulting

IfA, 2010 *Code of Conduct*

Phase Site Investigations Ltd 2012, *Land off Melbourne Road, Ravenstone. Archaeological geophysical survey* Phase Site Investigations Ltd 2012 Project No. ARC/783/301

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14.05.2012

FIGURES

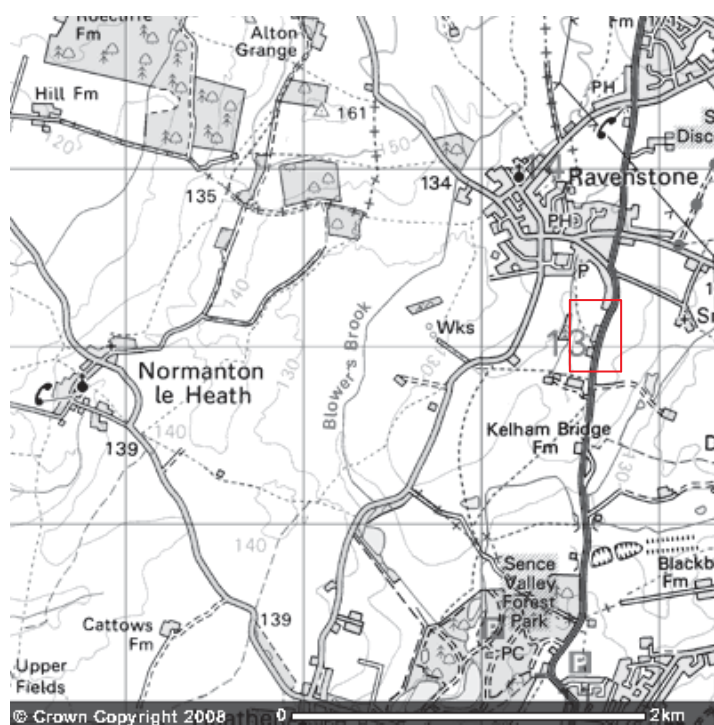


Fig 1. Site location plan



Figure 2 Survey area showing interpretation of geophysical anomalies. 50m grid. (From Phase Site Investigations 2012 Drg 783-301-04)

ARCHAEOLOGICAL SURVEYS METHOD STATEMENT & RISK ASSESSMENT

Site Name	Job No	PM	Contact
Land west of Melbourne Road, Ravenstone, Leicestershire	12/660	Patrick Clay	0116 252 2848 07796940240
Site Director	Site Contacts		Team (Nos)
TBA	TBA		2

SITE WORKS & METHOD STATEMENT

Arable fields are to be walked at 20m intervals as detailed in the specification and the surface searched for archaeological material. Magnetometry surveys will be undertaken at 1m intervals across the fields

SURVEY METHOD STATEMENT

- Access and parking will be gained via authorised routes to be arranged with the land owner/tenant.
- All staff will be inducted by the site director prior to starting work on site (Appendix 3). Any lone working on site will be undertaken according to ULAS SSOW2 (Appendix 1).
- A first aid kit and a site phone will be available on site at all times. At least one member of staff will have first aid training.

EQUIPMENT

ULAS vehicles or personal cars will be used (all appropriately insured and maintained).

Equipment will include, recording materials (photographic equipment), survey equipment (e.g. EDM, DGPS).

PERSONNEL

The site director will be responsible for the day to day running of the site. Specialists and visitors may be invited to visit the site during fieldwork.

All personnel are experienced in fieldwalking. All site staff hold CSCS cards and many also hold a SPA quarry passport. All site staff have some first aid training.

Normal working hours are 7 hours a day between 8am and 6pm Monday to Friday.

MONITORING AND COMMUNICATIONS

ULAS management and site staff details are as above.

Work will be monitored internally by the ULAS Project Manager and/or Health & Safety Co-ordinators.



ULAS method statements are prepared following standard guidelines and after consultation with the University Safety Services Department. Communication of the contents of the method statement to site staff is the responsibility of the Site Director. The risk assessment will be updated weekly or when conditions change.

ACCIDENT REPORTING

All accidents will be logged using ULAS accident forms and report to the ULAS Main Office (0116 2522848) and if necessary to the University of Leicester Safety Services Dept (Appendix 2).

INSURANCE DETAILS

Public Liability Insurance and Public/Products Liability Insurance St Pauls Travellers Policy No. UCPOP3651237
 Professional Indemnity Insurance – Novae Insurance Company Ltd. (50%) and Brit Insurance (50%) Policy No. B0621PUN103610

<p>AON</p> <p>158 Edmund Street Birmingham B3 2HB t: 0121 253 3100 f: 0121 212 1200</p> <p>University of Leicester Insurance Services 106 New Walk Leicester LE1 7EA</p> <p>15th August 2011</p> <p>CLIENT INFORMATION LETTER: UNIVERSITY OF LEICESTER</p> <p>We, Aon Limited, are insurance brokers acting on your behalf only in accordance with our terms of business agreement. We have agreed to provide this letter to confirm that to the best of our knowledge the contract of insurance described below (the "Insurances") are in force at the date of this letter.</p> <p>Public & Products Liability</p> <p>Insurer: Allianz Insurance plc Policy Number: SZ21696148 Period of Insurance: 1st August 2011 to 31st July 2012 (both days inclusive) Limit of Indemnity: £10,000,000 any one occurrence and in the annual aggregate in respect of Products Liability</p> <p>Yours Sincerely,</p> <p> Chris Bailey Client Service Specialist Direct Dial: 0121 253 3009 Email: christopher.bailey@aon.co.uk For and on behalf of Aon Limited</p> <p>Disclaimer</p> <p>All of the Insurances are subject to their specific policy terms, conditions and exceptions, not all of which may be summarised in this letter. Please refer to the actual policies for the full terms and conditions.</p> <p>In the event that you discuss this letter to any third party, such third party shall not be entitled to rely on its contents, and you should inform them of the same. Under no circumstances shall any person or entity to whom this letter is disclosed by you become insured, nor does such disclosure modify the Insurances in any way.</p> <p>This letter is provided for information only and is not to be understood as providing advice to you or anyone else on any decision you make. It is not intended to constitute an offer of insurance, nor does it constitute an offer of any other financial product. We accept no obligation to inform any other person or entity should any of the Insurances be cancelled, assigned or changed in such manner as to affect the accuracy of this document. 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We have agreed to provide this letter to confirm that to the best of our knowledge the contract of insurance described below (the "Insurances") are in force at the date of this letter.</p> <p>Professional Indemnity & Clinical Trials</p> <p>Insurer: Newline Underwriting Management Limited Policy Number: WD1100541 Period of Insurance: 1st August 2011 to 31st July 2012 (both days inclusive) Limit of Indemnity: £10,000,000 any one occurrence</p> <p>Products Liability / Completed Operations: £10,000,000 any one claim and in the aggregate</p> <p>Legal Liability for Human Clinical Trials: £10,000,000 any one claim and in the aggregate</p> <p>Errors and Omissions: £10,000,000 any one claim and in the aggregate</p> <p>Products Liability / Completed Operations, Legal Liability for Human Clinical Trials, Errors & Omissions, and all endorsements contained: £10,000,000 in the aggregate</p> <p>Aon Risk Solutions Corporate Aon Limited is authorised and regulated by the Financial Services Authority in respect of insurance mediation activities only</p> <p>1</p>	<p>AON</p> <p>158 Edmund Street Birmingham B3 2HB t: 0121 253 3100 f: 0121 212 1200</p> <p>University of Leicester Insurance Services 106 New Walk Leicester LE1 7EA</p> <p>15th August 2011</p> <p>CLIENT INFORMATION LETTER: UNIVERSITY OF LEICESTER</p> <p>We, Aon Limited, are insurance brokers acting on your behalf only in accordance with our terms of business agreement. We have agreed to provide this letter to confirm that to the best of our knowledge the contract of insurance described below (the "Insurances") are in force at the date of this letter.</p> <p>Employers Liability</p> <p>Insurer: Allianz Insurance plc Policy Number: SZ21696148 Period of Insurance: 1st August 2011 to 31st July 2012 (both days inclusive) Limit of Indemnity: £10,000,000 any one occurrence</p> <p>Yours Sincerely,</p> <p> Chris Bailey Client Service Specialist Direct Dial: 0121 253 3009 Email: christopher.bailey@aon.co.uk For and on behalf of Aon Limited</p> <p>Disclaimer</p> <p>All of the Insurances are subject to their specific policy terms, conditions and exceptions, not all of which may be summarised in this letter. Please refer to the actual policies for the full terms and conditions.</p> <p>In the event that you discuss this letter to any third party, such third party shall not be entitled to rely on its contents, and you should inform them of the same. Under no circumstances shall any person or entity to whom this letter is disclosed by you become insured, nor does such disclosure modify the Insurances in any way.</p> <p>This letter is provided for information only and is not to be understood as providing advice to you or anyone else on any decision you make. It is not intended to constitute an offer of insurance, nor does it constitute an offer of any other financial product. We accept no obligation to inform any other person or entity should any of the Insurances be cancelled, assigned or changed in such manner as to affect the accuracy of this document. Unless we specifically agree otherwise in writing, and to the fullest extent permitted by law, we do not accept any liability to anyone other than you, our client (and any such liability to you will be subject to the limitations contained in our terms of business agreement, and/or any other agreement, with you) for the content of this letter and its attachments.</p> <p>Aon Risk Solutions Corporate Aon Limited is authorised and regulated by the Financial Services Authority in respect of insurance mediation activities only</p> <p>1</p>
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EMERGENCY NOS

IN AN EMERGENCY DIAL 999

Local Police - 01162 222222

Gas: Gas Emergency Contact Number: **0800 111 999**

Electricity

- Central Networks Eastern Region: 0800 056 8090
- Npower: 0845 331 331
- Yorkshire Electricity DL: 0800 375 675

Water

- Severn Trent Water
Water services and emergencies (including Leakline): 0800 783 4444
- Anglian Water: 0345 145145

RISK ASSESSMENT

Possible Outcomes based on levels of Estimated Risks

	Likely	Probable	Possible	Remote	Improbable
Fatal	Intolerable	Intolerable	Substantial	Substantial	Significant to Moderate
Major Injury/ Permanent Disability	Intolerable	Substantial	Significant	Moderate to Acceptable	Acceptable
Minor Injury	Moderate	Moderate	Acceptable	Trivial	Trivial
No injury					

Likely – Occurs repeatedly/to be expected; **Probable** – will occur several times/not surprising; **Possible** – could occur

Risk Levels/Actions

RISK LEVEL	ACTION AND TIME-SCALE
TRIVIAL	No action is required to deal with trivial risks, and no documentary records need to be kept
ACCEPTABLE	No further preventive action is necessary, but consideration should be given to more cost-effective solutions, or improvements that impose no additional cost burden. Monitoring is required to ensure that controls are maintained
MODERATE	Efforts should be made to reduce the risk, but the costs of prevention should be carefully measured and limited. Risk reduction measures should normally be implemented within three to six months, depending on the number of people exposed to the hazard.
SIGNIFICANT	If an extremely harmful situation may arise, even if highly unlikely, a specific re-evaluation of the task should be undertaken to establish more stringent controls. Work should be closely monitored until the risk has been significantly reduced. This reduction in risk should be achieved within a short time period.
SUBSTANTIAL	Work should not be started until the risk has been reduced. Considerable resources may have to be allocated to reduce the risk. Where the risk involves critical work in progress, the problem should be remedied as soon as reasonably practicable but within one to three months, depending on the number of people exposed to the hazard.
INTOLERABLE	Work should not be started or continued until the risk level has been reduced. While the control measure selected should be cost-effective, legally there is an absolute duty to reduce the risk. This means that if it is not possible to reduce the risk even with unlimited resources, then work must not be begun, or must remain prohibited.

Derived from BS8800

sometimes; **Remote** – unlikely though conceivable; **Improbable** – freak event, so unlikely that probability is close

<p>Site Name: Land west of Melbourne Road, Ravenstone, Leicestershire</p> <p>Activity: Fieldwalking survey</p>		<p>Completed by: Patrick Clay</p> <p>Date: 14.05.2012</p>	
HAZARDS	RISK	CONTROL MEASURES	Residual Risk
<i>Hazard = A condition or practice with the potential to cause damage, ill health, injury or other loss</i>	<i>Likelihood x Severity = Risk</i>	<i>A short summary of the control measure and standards/guidance.</i>	<i>Likelihood x Severity = Risk</i>
Site Access/Egress Entering/Leaving site and parking vehicles	Substantial	1. Only use designated access onto site. 2. Only park in designated areas on site parking facilities. 3. Hi Vis clothing to be worn. Roads only to be crossed at safe locations. 4. Be aware of obvious hazards and take care when entering/exiting gateways.	Moderate
Driving Tiredness driving to and from site	Substantial	1. Have 2 drivers where possible. 2. Limit of 1 ½ hours drive to site on a regular basis before risk is reassessed.	Moderate
Existing Services Contact with service - electrocution, fire, explosion Damage to service	N/A	1. All services to be located before excavation using plans and CAT scanner 2. Move trenches to avoid services where known. 3. Be aware of changes in the soil that may indicate services	Moderate
Members of the Public, Visitors & Others Inexperienced people on site, unsuitable clothing, Falling, tripping slipping	Moderate	1. Agreed and supervised visitors only allowed on site. 2. Area to be assessed for security to avoid unauthorised visitors and appropriate actions taken (e.g. extra fencing etc.)	Acceptable
Excavations Deep/unstable trenches - Sections liable to collapse, Falling into trenches, Spoil heap collapse, Working in small spaces.	N/A	1. All trenches regardless of depth will be risk assessed by a competent person with regard to collapse and the use of stepping/battering. 2. All sections to be checked every day by supervisor and after bad weather for potential problems. 3. Backfilling to be done as soon as possible. 4. Fencing and warning signs to be used as required 5. ULAS SSOW3: <i>Safe working with Trenches</i> to be followed.	Moderate
Spoil Unmanaged spoil heaps - collapse or falling into trenches	N/A	1. Spoil heaps to be kept away from trench sides 2. No walking on or digging beneath spoil heaps. 3. ULAS SSOW3: <i>Safe working with Trenches</i> to be followed.	Moderate
Plant & Machinery Collisions with plant, persons Contact with moving parts Over turning of machines	N/A	1. Use certificated personnel for machine operations. 2. A competent banksman to be used during excavations. 3. <i>ULAS SSOW 01: Working with plant</i> to be followed	Moderate
Hand Tools Incorrect Use, Strains and muscle injuries	N/A	1. All tools to be used correctly and broken tools replaced. 2. Store tools carefully when not in use.	Acceptable
Slips, Trips & Falls Untidy site Hidden obstacles	Moderate	1. Visual awareness on site 2. Site to be kept tidy – survey to take place after weathering 3. Agreed access to site 4. Suitable PPE	Acceptable
Manual Handling Musculoskeletal injuries Falling/tripping Trapping toes/fingers	Moderate	1. Use correct lifting procedures 2. Apply mechanical assistance where possible or tandem lifting. 3. Be aware of heavy loads when shovelling 4. ULAS Manual Handling Assessment 1 to be followed	Acceptable
Noise Excessive noise from machinery, Industrial deafness/tinnitus, Noise pollution, Inability to hear other things	Low	1. Use Ear protection when ever the excavator is running. 2. Ear plugs to be available at all times .	Moderate

Infection & Disease From contact with soil, water etc. and minor cuts and scrapes.	Significant	1. Adequate washing and toilet facilities available. 2. First aid kit and first aider on site 3. PPE available if needed	Acceptable
Working Close to Water Potential flooding due to high water table, proximity of rivers etc, bad weather. Falling into water, drowning, infection	Low	1. Keep well clear of water wherever possible and be particularly careful when working close to water sources. 2. If trenches are filling with water assess safety and act accordingly - fence, backfill if necessary 2. Never use still/stagnant water for any purpose. 3. Good personal hygiene -washing hands, carry wet wipes 1. Suitable clothing to be worn for conditions. 2. PPE available if required. 3. Drinking water to be available 4. Personnel to be aware of tetanus, leptospirosis etc.	Acceptable
Weather Heat exhaustion, sunburn, sunstroke, cold, hyperthermia, damp.	Moderate	1. Set up proper procedures for recovery/excavation 2. Wear necessary PPE 3. Stay away from any animal remains 4. Be aware of Leptospirosis 1. Place all waste in appropriate waste containers. Do not litter.	Acceptable
Human / Animal Remains Contamination and infection – from deer, cattle, pigeons, rats, human remains etc.	Low		Acceptable
Waste Management Damage to health through contact Damage to the environment	Acceptable		Acceptable
Lone Working Risk of illness, accidents, assault	Substantial	1. No Lone working on site unless approved 2. ULAS SSOW:02 <i>Lone working</i> to be followed 3. Mobile phones to be carried & buddy system to be set up.	Acceptable
SITE SPECIFIC RISK ASSESSMENT			

This form is to be checked and kept up to date during time on site.

Form checked by..... Date.....
Amended by:..... Date.....

HOSPITAL LOCATION

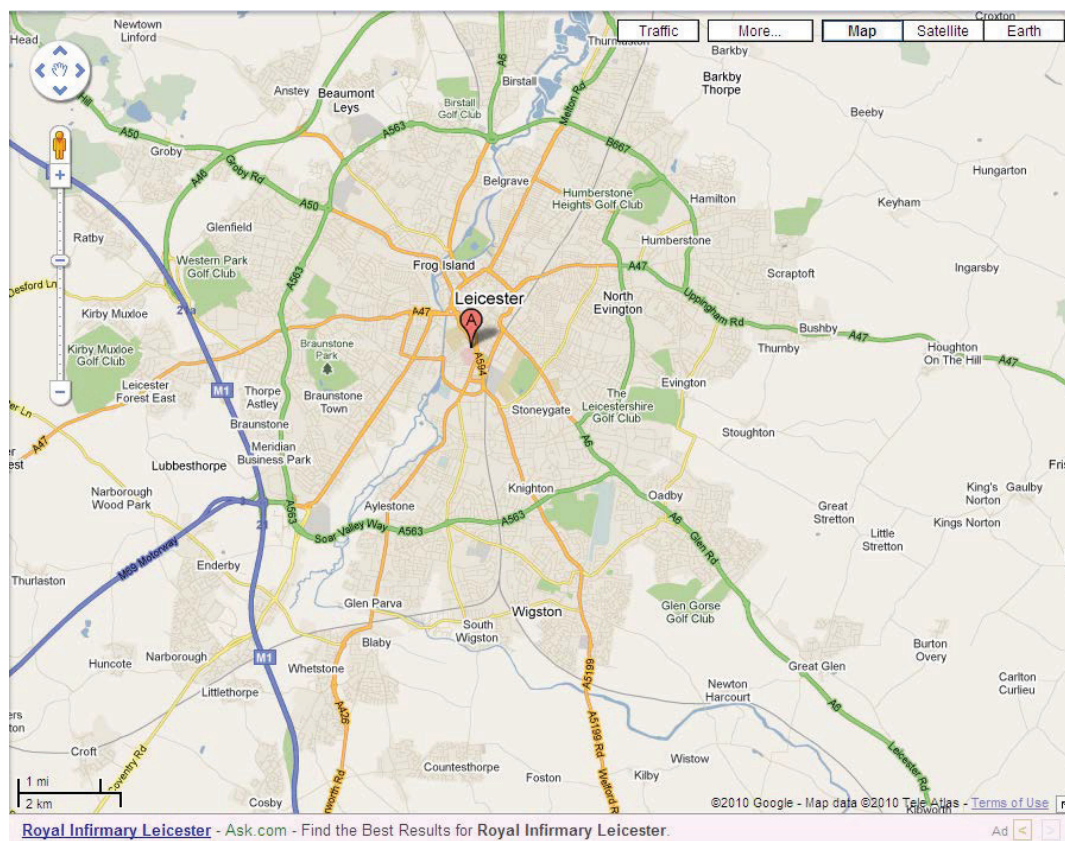
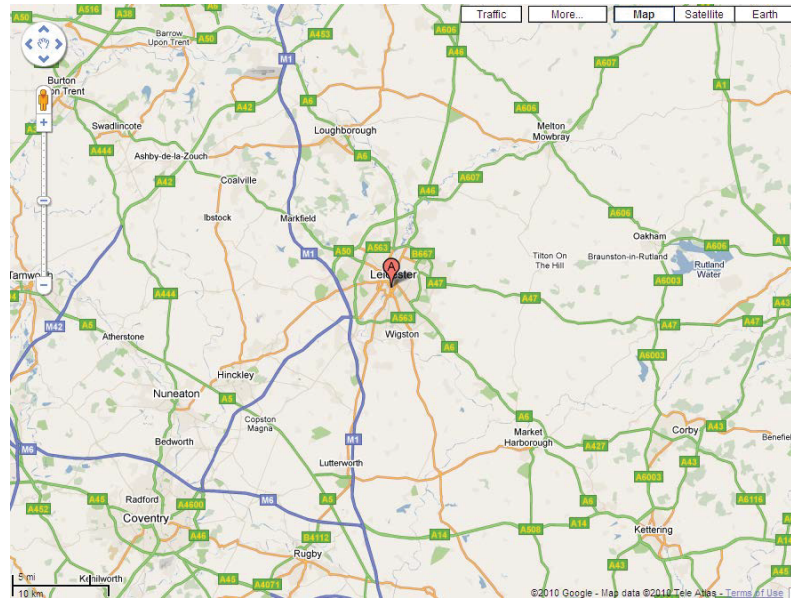


Figure 3: Location to location of nearest Accident and Emergency services.

Hospital Details

ED, Leicester Royal Infirmary
Leicester
Infirmary Square,
Leicester
LE1 5WW Phone: 0300 303 1573

Route :

Take B687 west and Melton Road towards
and follow signage

Contact Details

Richard Buckley or Patrick Clay
University of Leicester Archaeological
Services (ULAS)
University of Leicester,
University Road,
Leicester LE1 7RH

T: +44 (0)116 252 2848

F: +44 (0)116 252 2614

E: ulas@le.ac.uk

w: www.le.ac.uk/ulas



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