

WLFX13



**Woolfox Wind and Solar Farms, Rutland**

**Field-walking report**

*Prepared on behalf of RES Ltd*

## PROJECT SUMMARY SHEET

<i>Client</i>	RES Ltd
<i>National Grid Reference</i>	SK 964 131
<i>Address</i>	Woolfox Lodge, Stretton, Rutland
<i>Parish:</i>	Empingham, Greetham, Clipsham, Pickworth
<i>Council:</i>	Rutland County Council
<i>OASIS ref.:</i>	Headland4-223571
<i>Archive will be deposited with:</i>	Rutland County Museum
<i>Project Manager:</i>	Antony Walsh
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<i>Fieldwork</i>	2 <sup>nd</sup> – 7 <sup>th</sup> September 2015
<i>Report</i>	October 2015

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# WOOLFOX LODGE, STRETTON, RUTLAND

## Archaeological Field-Walking

### Summary

Headland Archaeology (UK) Ltd undertook a programme of field-walking at Woolfox Lodge, Stretton, Rutland, in support of a planning application to construct a solar photovoltaic (PV) farm (Rutland County Council Planning Application 2014/1004/MAJ) and nine wind turbines (ref. 2014/1003/MAJ). The majority of the finds recovered were modern (19<sup>th</sup> century or later) in date, and comprised pottery, window and bottle glass, agricultural metalwork, brick, drainpipe, and tile. Some of the lithics may be prehistoric in date, including a probable Neolithic core. The finds therefore reflect the general activity taking place around this area in the modern period, alongside an indication of earlier prehistoric utilisation of this landscape.

## 1 INTRODUCTION

Headland Archaeology Ltd was commissioned by RES Ltd to undertake a programme of archaeological works in support of an application for the construction of a solar PV farm and nine wind turbines at Woolfox Lodge, Stretton, Rutland.

Consultation with Leicestershire County Council's Historic and Natural Environment Team (HNET), who advise the local planning on archaeological matters, established the form this would take. Initially a Cultural Impact Assessments were compiled for the windfarm and solar farm proposed plans (Headland Archaeology 2014a & 2014b), and this was followed by a geophysical survey (Headland Archaeology 2015). This document details the results of the subsequent field-walking survey.

Headland Archaeology was commissioned by RES Ltd to prepare a Written Scheme of Investigation (WSI) (Headland Archaeology 2014b), setting out the proposed strategy for the archaeological work. The WSI was submitted to and agreed with Richard Clark at HNET.

## 2 SITE LOCATION AND DESCRIPTION

The site is located to the east and north-east of the A1, south of Stretton and west of Pickworth in the county of Rutland. It is centred on NGR SK 964,131.

The site currently comprises agricultural fields (the solar area covers part of seven fields), with the remains of the WWII runways and perimeter tracks surviving across this. It covers an area of approximately 70ha. It is bounded by Rutland Golf Club to the east, and agricultural fields to the north, south and west. Woolfox

Lodge depot and the A1 are positioned slightly to the south of the site.

It lies around 90m AOD, and is relatively flat. No watercourses cross the site.

The solid geology of the site is argillaceous rocks of the Rutland Formation with subordinate sandstone and limestone. This sedimentary bedrock formed approximately 165 to 172 million years ago in the Jurassic Period when the local environment was dominated by shallow seas. This is overlain by Diamicton Till deposits, formed in the Quaternary Period with Ice Age glaciers scouring the landscape and depositing moraines of till with outwash sand and gravel deposits from seasonal and post glacial meltwaters (British Geological Survey website; <http://www.bgs.ac.uk>).

## 3 ARCHAEOLOGICAL BACKGROUND

The background of the site is covered in detail in the Impact Assessments of the site (Headland Archaeology 2014a and b). The following is a summary of those results. There has, however, been limited previous investigation of the site and surrounding area, with this mainly consisting of watching briefs on small scale developments within nearby villages.

Early prehistoric finds in the area include a Bronze Age axe found in Pickworth woods (MLE6425), and Neolithic or Bronze Age flints found at Wood Lane, Greetham during a watching brief. No other evidence for activity before the Iron Age has been uncovered.

There is, however, considerable evidence of Iron Age settlement in Rutland, largely from cropmarks in arable areas. This includes seven probable Iron Age enclosures in the vicinity of the site. The nearest recorded cropmarks are to the east of the road to Pickworth (MLE17344 & MLE17345).

Evidence for Roman activity in the area includes a Roman villa which was excavated to the north of Pickworth Wood. The A1 itself was the Roman road Ermine Street, and a second Roman road (MLE5345) continues northwest where Ermine Street turns due north.

The current settlement pattern of the area has evolved from the medieval settlement pattern, although two settlements have shrunk since then – Hardwick (MLE5217) and Pickworth (MLE5630). A possible settlement may have existed at Woolfox Lodge, as a small farm is shown here on the first edition Ordnance Survey map. However the Domesday Survey does not record a settlement at Woolfox.

The most significant event to have taken place nearby in the medieval period is the Battle of Losecoat field. This was a short battle in the War of the Roses and took place c.1km south of the site in a field east of the Great North Road (now the A1) north of Tickencote Warren.

Rutland has remained a predominantly agricultural county, although small industry relating to processing of agricultural products (such as milling of grain) has taken place and the area was also important for quarrying of stone. It seems likely that the site itself remained in use for agriculture.

In the Second World War several airfields were constructed in this area, including one at Woolfox. It was initially constructed as a relief landing ground for RAF Cottesmore in 1940, and was extended into an airfield and became a satellite base to RAF North Luffenham in October 1941. Seven fatal crashes were recorded for planes flying out of Woolfox between 1942 and 1945 although only one is recorded to have occurred on the airfield; the others are recorded as occurring outside the airfield. The airfield was transferred to a maintenance unit from 1945, before finally closing completely in 1954 when it was reverted to agriculture and part of the site was used for vehicle storage.

The geophysical survey identified a dense and complex pattern of magnetic anomalies across large areas of the site. Much of this activity clearly represents debris from former airfield structures, and other related disturbances, but some may relate to features surviving from former landscapes. These findings include parallel cultivation markings which may represent ridge and furrow cultivation, and traces of ditch-like features which may represent fragments of ditches or enclosures predating the modern landscape (Headland Archaeology 2015).

## 4 AIMS & OBJECTIVES

### 4.1 General

The methodology followed was outlined in the WSI (Headland Archaeology 2014b).

The field-walking was undertaken in order to:

- identify, characterise and date any potential archaeological remains which may exist within the site; and
- locate individual aircraft crash sites through the identification of aircraft fragments within the plough soil.

### 4.2 Specific

More specifically, the Research Framework for the East Midlands (Cooper 2006) includes the following research questions and topics that may be addressed through the fieldwork:

<i>Source</i>	<i>Research aim</i>	<i>Page number</i>	<i>Potential of Project to Address Research Aim</i>
Taylor, 2006: An Archaeological Resource Assessment and Research Agenda for the Roman Period in the East Midlands	Roman settlement and landscape: Summaries of the evidence for settlement patterns, stability and shift in the location of settlement, and the basic layout of intervening land boundaries as a guide to changing patterns of social organization, are key to understanding Roman rural society in the region	Page 12	Medium
Lewis, 2006: An Archaeological Resource Assessment and Research Agenda for the Medieval Period in the East Midlands	Medieval agrarian landscape: More detailed archaeological evidence is needed to refine dating of the origins of the regular midland	Page 31	High

(850- 1500)	open field system in the region which has the best-surviving evidence in England.		
Campion, 2006: An Archaeological Resource Assessment and Research Agenda for The East Midlands during the modern period (1750-2000)	WWII Military Sites: Survey work to record and investigate the nature, extent and changing nature of defensive and offensive facilities throughout the period	Page 23	High

The resulting archive will be organised and deposited in Rutland County Museum to facilitate access for future research and interpretation for public benefit (CifA 2014a).

## 5 METHODOLOGY

### 5.1 Site works

The archaeological field-walking was carried out between the 2<sup>nd</sup> and 7<sup>th</sup> September 2015.

This involved the setting out of ninety-nine transects, on an east-west alignment, spaced 20 metres apart. These covered the entire area of the proposed solar PV farm, and the areas of 6 turbine bases and associated trackways. Small areas of the site were under crop or surviving runway and not accessible for walking.

These transects were then disked by a shallow plough, to remove any stubble / vegetation and turn over the upper layer of topsoil. This was to ensure that any finds present in the area could easily be seen. This covered a width of approximately 4m.

These transects were then walked by archaeologists, who visually scanned the ground for any finds. These were then retrieved and bagged up. They were given an ID number - transect number followed by a letter of the alphabet. The location of each of these finds was recorded using a Digital GPS.

Finds of metalwork were recorded in situ but not retrieved, as agreed with the MOD. They were given an ID number, photographed, and their position plotted in.

### 5.2 Post-Excavation Analysis

All finds were washed and catalogued. They were then analysed by an appropriate specialist, and an assessment report produced.

### 5.3 Reporting and Archives

The results of the works are presented below. A summary report has been prepared for submission to the OASIS database (headland4-223571).

## 6 RESULTS

### 6.1 Finds

by Julie Franklin, Julie Lochrie

The finds assemblage numbered 44 sherds (572g) of pottery, 51 sherds (554g) of glass, 37 metal finds, seven finds of chipped stone and 292 sherds (36.136kg) of ceramic building materials. But for one prehistoric lithic, all the finds were modern, of 19th century or later date. The metalwork could not be removed from site and was assessed from photographs taken in the field. A summary of the finds by transect is shown below. A complete list of all the finds is given at the end.

#### Modern Pottery

The pottery was all of common table and utilitarian wares of the 19th century and later. There were no significant concentrations though but the most sherds were found along Transect 76 and around Turbine 2 (Transects 9-21).

#### Glass

The glass includes bottle glass of various kinds and some window glass. The oldest sherd is a basal fragment from a hand-finished wine bottle of mid 18th to early 19th century date (Turbine 6, 42A). Other sherds are more recent. In keeping with the pottery, the most sherds were found around Turbine 2 (Transacts 9-21) and Transect 76.

#### Metalwork

The 37 metal finds included three of copper alloy and 34 of iron. Few were identifiable. Most of the finds were agricultural in nature, including a horseshoe (67AB), a shovel blade (70B) and various machine parts. A handle (Turbine 4, 26A) might derive from a vehicle door. There was also one structural find, a decorative door handle escutcheon (52AC).

#### Lithics

The five pieces of chipped stone were all patinated or abraded to some extent in keeping with their surface location. Only one example can be confidently dated, a probable Neolithic core (66A). The remainder may only

be abraded pieces of frost shatter, they bear no indication of strategic reduction, however one (50D) may have a small area of retouch and another (Turbine 6, 43B) may be the platform edge of a core.

### Ceramic Building Material

Ceramic building materials made up the vast majority of the assemblage. Bricks were the most common type with 133 sherds (30.547kg), making up 85% of the ceramic building material assemblage by weight. The largest concentration by weight, was in Transects 56-58 (7.954kg), with other large quantities (over 1kg) from Transects 04, 70, 74, 76, 82, 83 and 91.

Drainpipe sherds were the next most common type (112 sherds, 3.752kg). Most of these were of unglazed earthenware and probably all represent field drains.

They were widely scattered but were most common in Transects 3, 4 and 14. There were also a few sherds of glazed stoneware drainpipe (76CA, 76CB, 87AA) which may represent domestic waste pipes.

There was a notable concentration (ten sherds, 988g) of red unglazed floor tile around Turbine 5 (Transects 35 and 37). There was a scattering (nine sherds, 425g) of pan tile between Transects 49 and 98, particularly around Transects 72 and 73 and two sherds of glazed wall tile (56AD, 69AE).

All the finds, where identification was possible, were of modern date and are unlikely to predate the mid-19th century. All could derive from structures related to the airfield.

Table 1 – Quantification of finds by transect

Transect	Pottery		Glass		Metalwork	Lithics		CBM		Industrial Waste
	Count	Wgt	Count	Wgt		Count	Wgt	Count	Wgt	
01								2	906	
02								3	87	
03			1	0				13	290	
04								20	1525	
05								8	371	
06					1			7	191	
08								2	135	
09	5	86	11	73						
10	2	143								
11	1	6			2					
12			1	2						
13					1					
14								6	575	
18								1	244	
19								1	23	
20								1	23	
22					1			2	53	
23								1	48	
24								2	81	
25			1	1		1	8			
26					1					
29								1	2	
30										1
33					1			3	31	2
35					1			2	718	
37								9	820	
41								1	6	
42			1	13						
43						1	7			



Transect	Pottery	Pottery	Glass	Glass	Metalwork	Lithics	Lithics	CBM	CBM	Industrial Waste
	Count	Wgt	Count	Wgt	Count	Count	Wgt	Count	Wgt	
44								1	40	1
45					1			1	22	
46	1	1	3	59	1			2	84	
47	1	5			1					
49								1	14	
50	1	6				1	4	4	586	
51	1	22						2	11	
52					1			4	119	
53					1			3	66	
54								1	405	
55								4	92	
56			1	1				20	5189	
57								9	1456	
58					1			9	1505	
59								7	219	
60					1			4	92	
61								2	49	
62			1	26				3	143	
63								3	798	
64	1	5						8	234	
65								2	819	
66					2	1	25	3	749	
67					1			6	465	
68								2	270	
69					1			5	271	
70					1			5	1444	
71					1			6	208	
72					2			19	1107	
73					2			20	1188	
74			1	86	2			3	1592	
75	2	9	5	42	1			3	481	
76	25	263	25	251	1	1	6	11	3282	
77								2	91	
78	1	17				1	2	1	8	
79								1	512	
80						1	5	5	1016	
81								3	380	
82	1	1						6	1879	
83								7	1392	
86	1	5			2			1	4	
87								1	79	
88					1					
89					2					
90					2			3	561	
91								3	1040	
93	1	3								
96					1					
98								1	45	
<b>Total</b>	<b>44</b>	<b>572</b>	<b>51</b>	<b>554</b>	<b>37</b>	<b>7</b>	<b>57</b>	<b>292</b>	<b>36136</b>	<b>4</b>

## 7 CONCLUSIONS

The majority of the finds recovered during the field-walking were modern (19<sup>th</sup> century or later) in date, and included pottery, window glass and bottle glass, agricultural metalwork, brick, drainpipe, and tile. These reflect the general modern activity taking place around this area, both related to agricultural practices (manuring etc) and potentially related to the modern activity associated with the WWII airfield (although no finds directly relating to the airfield were recovered). The range of modern material supports the general findings of the geophysical survey recording extensive magnetic disturbance relating to debris from the former airfield structures.

No significant patterns were visible in the distributions of the modern material. Brick and building material (CBM) was general in both the area of the proposed solar farm and the wind turbines. The exception to this was at turbine position 2, which had relatively few finds of CBM and was mainly glass and modern pottery. Finds of Iron and other metal was also general, but relatively few compared to building material. No metalwork was removed as agreed in discussion with the MOD, no identifiable aircraft fragments were recorded during the survey suggesting a possible crash site for the downed Lancaster bomber.

No finds were recovered in the east part of the solar site, at the positions of geophysical anomalies O and N, interpreted as possible hut circles and enclosure. The range of material recovered from the vicinity of anomaly Q, which was more tentatively identified as a possible fragmentary enclosure, was modern, including glass, brick, Iron, copper alloy (door fitting) and pottery.

The only find of archaeological interest was a probable Neolithic core. Some of the other lithics may also be of prehistoric date, although this cannot be definitely ascertained. The discovery of the core indicates that earlier prehistoric people were active in this area. This probably took the form of itinerant movement through the landscape, and supports the evidence from the other early prehistoric finds found in the area (the Bronze Age axe from Pickworth woods and Neolithic / Bronze Age flints from Wood Lane).

With the exception of the immediate location of the Neolithic core no sites have been identified in the fieldwalking survey which would be targets for further investigation, for example by intrusive trial trenching.

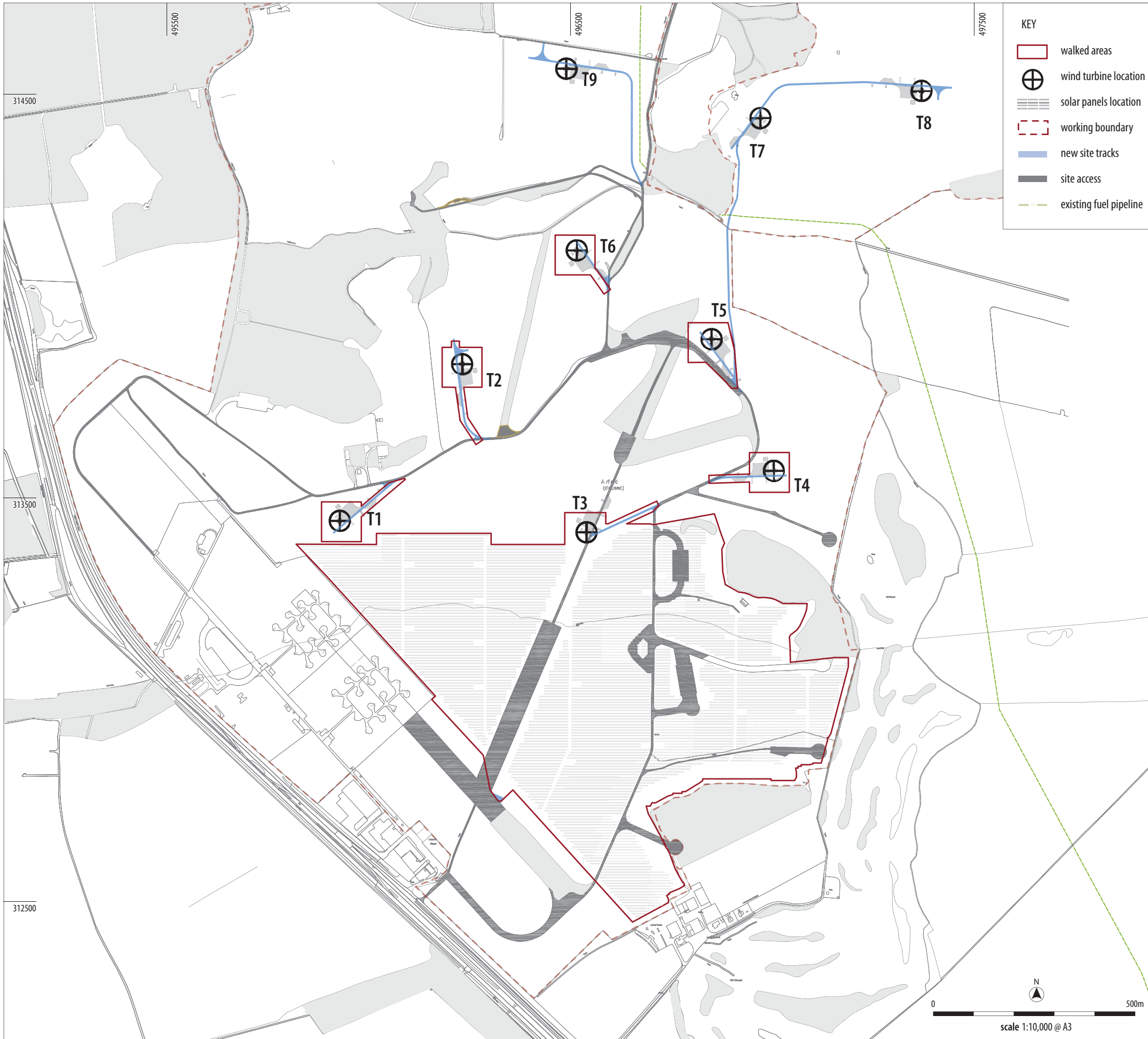
Within the solar farm area the distribution of finds was quite general, constrained by the surviving tracks and runways and cultivation in the north east quadrant. The material was mostly modern brick and tile, with a smaller amount of metal, iron copper and industrial

scrap. This is consistent with the recent use of the site. The presence of the single Neolithic core at the North West corner of the area is of interest, but does not necessarily indicate more than general prehistoric activity in the area.

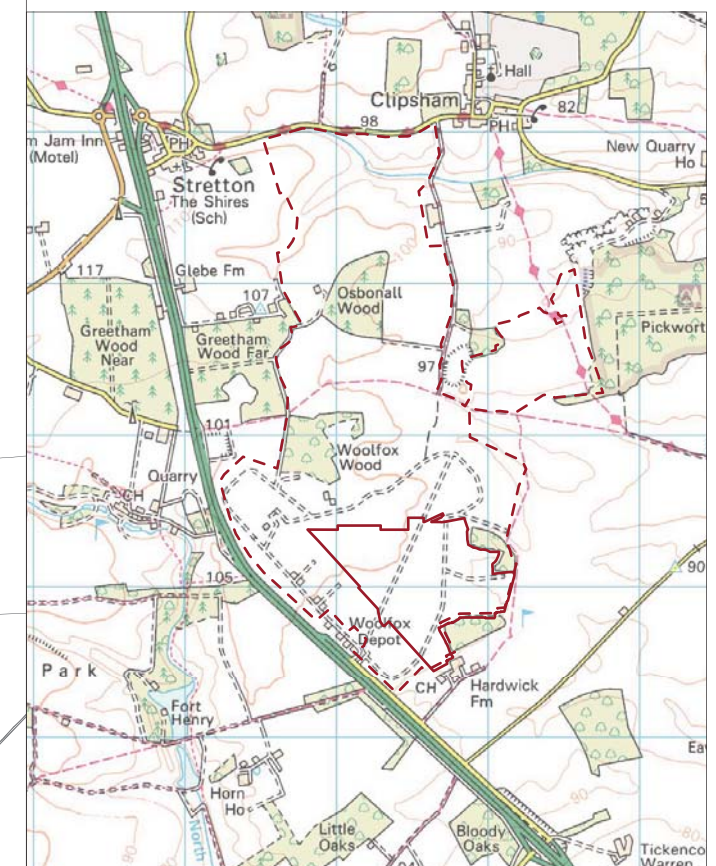
The positions of the turbines in the wind farm area proved to contain the same range of modern material as the solar site to the south. The density of finds at the turbine positions appeared to be slightly greater; however in character it was the same. No single turbine position showed any greater archaeological potential than the others.

## 8 REFERENCES

- Archaeological Archives Forum *Archaeological Archives: a guide to best practice in creation, compilation, transfer and curation* (published by the IfA 2007).
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- Headland Archaeology 2015, *Woolfox Lodge Solar and Wind Development, Stretton, Rutland: Archaeological Geophysical Survey*



**WOOLFOX WIND FARM (WLFX/09)**  
Rutland  
East Midlands

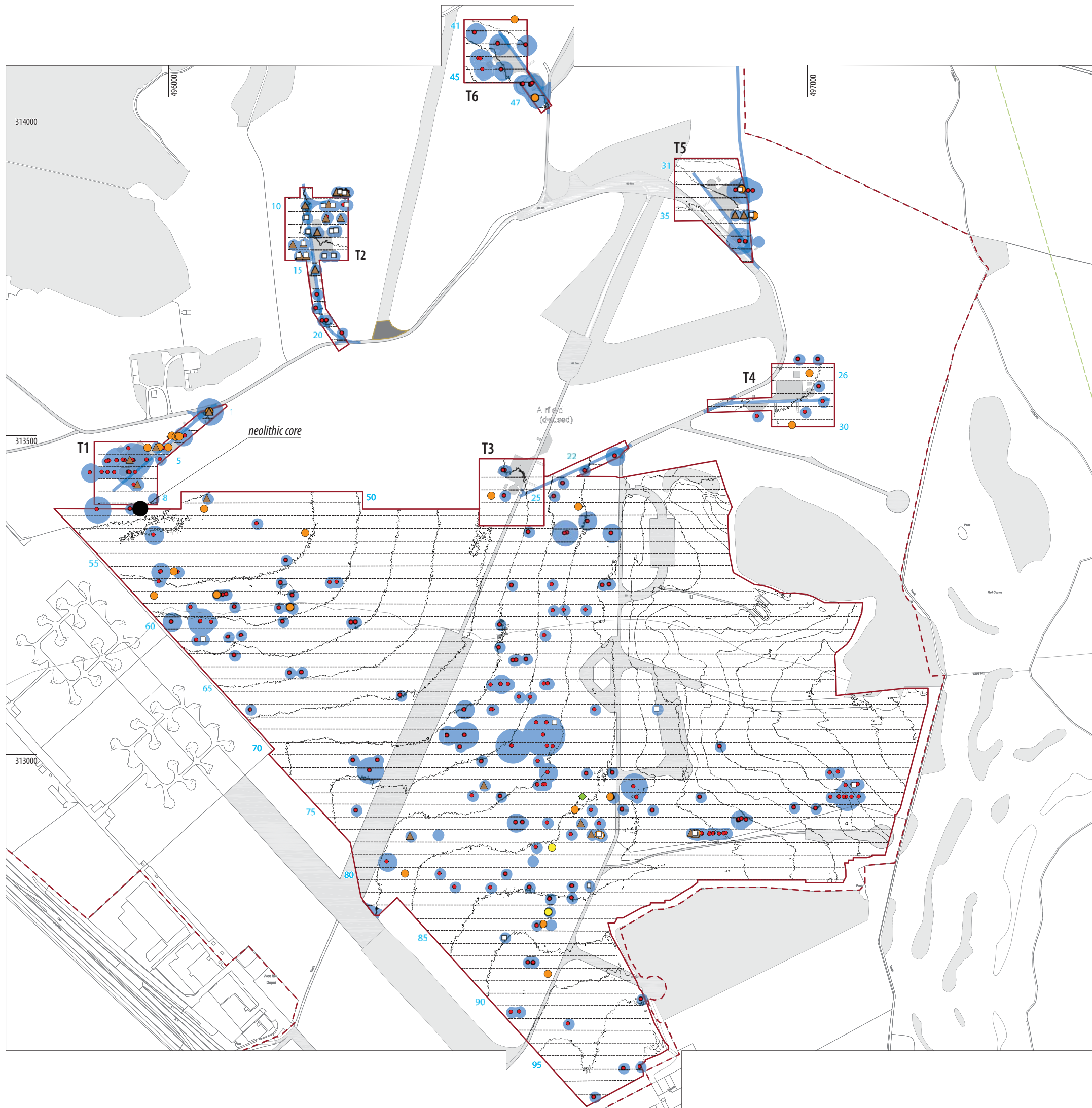


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ILLUS 1  
Site location

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**KEY**

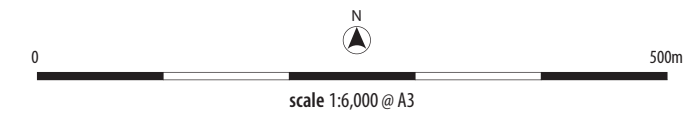
- walked areas
- transects
- working boundary
- new site tracks
- site access
- existing fuel pipeline

**finds weight (g)**

- 0.00000 - 300
- 300 - 600
- 600-1000
- 1000 - 1300
- 1300 - 1500

**finds location**

- lithic
- ▲ pottery
- industrial waste
- ◆ copper alloy
- iron
- CBM
- glass



ILLUS 2  
Plan showing location of finds in fieldwalked areas



ILLUS 3

Neolithic flint core (66A)

## APPENDICES

## Finds Catalogue

Finds Spot	Turbine	Quantity	Weight (g)	Material	Object	Description	Spot Date
01A	1	1	903	CBM	Brick	frogged	Mod
01B	1	1	3	CBM	Fragment		
02B	1	1	26	CBM	Drain Pipe	earthenware	Mod
02C	1	1	12	CBM	Drain Pipe	earthenware	Mod
02D	1	1	49	CBM	Tile		Mod
03A	1	2	40	CBM	Drain Pipe	earthenware	Mod
03B	1	1	0	Glass	Bottle/Vessel	white opaque	Mod
03C	1	1	35	CBM	Drain Pipe	earthenware	Mod
03D	1	1	1	CBM	Fragment		
03E	1	2	26	CBM	Drain Pipe	earthenware	Mod
03G	1	1	19	CBM	Drain Pipe	earthenware	Mod
03H	1	3	87	CBM	Drain Pipe	earthenware	Mod
03I	1	1	7	CBM	Drain Pipe	earthenware	Mod
03J	1	1	41	CBM	Drain Pipe	earthenware	Mod
03K	1	1	34	CBM	Drain Pipe	earthenware	Mod
04A	1	1	709	CBM	Brick		Mod
04B	1	2	17	CBM	Drain Pipe	earthenware	Mod
04C	1	4	84	CBM	Drain Pipe	earthenware	Mod
04D	1	1	62	CBM	Drain Pipe	earthenware	Mod
04F	1	1	17	CBM	Drain Pipe	earthenware	Mod
04F	1	1	22	CBM	Drain Pipe	earthenware	Mod
04G	1	1	18	CBM	Drain Pipe	earthenware	Mod
04H	1	1	15	CBM	Drain Pipe	earthenware	Mod
04I	1	1	10	CBM	Drain Pipe	earthenware	Mod
04J	1	1	2	CBM	Drain Pipe	earthenware	Mod
04K	1	2	11	CBM	Drain Pipe	earthenware	Mod
04L	1	1	94	CBM	Drain Pipe	earthenware	Mod
04M	1	1	303	CBM	Brick		Mod
04N	1	1	90	CBM	Drain Pipe	earthenware	Mod
04O	1	1	71	CBM	Drain Pipe	earthenware	Mod
05A	1	1	6	CBM	Drain Pipe	earthenware	Mod
05B	1	2	25	CBM	Drain Pipe	earthenware	Mod
05C	1	1	9	CBM	Brick		Mod
05D	1	1	20	CBM	Drain Pipe	earthenware	Mod
05E	1	1	286	CBM	Brick		Mod
05F	1	2	25	CBM	Drain Pipe	earthenware	Mod
06A	1	1	20	CBM	Drain Pipe	earthenware	Mod
06B	1	1	28	CBM	Drain Pipe	earthenware	Mod
06C	1	2	17	CBM	Drain Pipe	earthenware	Mod
06D	1	1	24	CBM	Drain Pipe	earthenware	Mod
06E	1	1	26	CBM	Drain Pipe	earthenware	Mod
06F	1	1	76	CBM	Drain Pipe	earthenware	Mod
06G	1	1		Iron	Bracket	long strip with L-shaped section	Mod
08A	1	1	93	CBM	Brick		Mod
08B	1	1	42	CBM	Drain Pipe	earthenware	Mod
09A	2	1	8	Glass	Bottle	colourless	Mod

Finds Spot	Turbine	Quantity	Weight (g)	Material	Object	Description	Spot Date
09B	2	1	58	Pottery (Mod)	Whiteware	moulded	Mod
09C	2	2	6	Glass	Window	colourless, good condition	Mod
09D	2	1	6	Pottery (Mod)	Whiteware		Mod
09E	2	1	18	Glass	Bottle	colourless, square bottle base	Mod
09F	2	1	3	Glass	Bottle	white opaque	Mod
09G	2	2	16	Glass	Bottle	bright green and colourless bottle sherds	Mod
09H	2	2	5	Pottery (Mod)	Whiteware & Stoneware		Mod
09H	2	1	1	Glass	Bottle/Vessel	opaque white	Mod
09I	2	1	17	Pottery (Mod)	Red Earthenware	slip-lined	Mod
09J	2	3	21	Glass	Bottle & Window	thick natural bottle sherds	Mod
10A	2	1	56	Pottery (Mod)	Stoneware	bottle	Mod
10B	2	1	87	Pottery (Mod)	Stoneware	large jar	Mod
11A	2	1	6	Pottery (Mod)	Porcelain	handle	Mod
11C	2	1		Iron?	Plate	small, square	Mod
11C	2	1		Iron?	Plate	small, square	Mod
12C	2	1	2	Glass	Bottle	colourless	Mod
13C	2	1		Copper Alloy?	Decorative Plate?		Mod
14F	2	1	148	CBM	Drain Pipe	earthenware	Mod
14G	2	1	195	CBM	Drain Pipe	earthenware	Mod
14H	2	3	128	CBM	Drain Pipe	earthenware	Mod
14I	2	1	104	CBM	Brick		Mod
18A	2	1	244	CBM	Brick		Mod
19A	2	1	23	CBM	Brick		Mod
20A	2	1	23	CBM	Tile		Mod
22A	3	1	1	CBM	Drain Pipe	earthenware	Mod
22B	3	1		Iron	Grill	drain cover, machine part?	Mod
22C	3	1	52	CBM	Drain Pipe	earthenware	Mod
23A	3	1	48	CBM	Drain Pipe	earthenware	Mod
24B	3	1	13	CBM	Drain Pipe	earthenware	Mod
24C	3	1	68	CBM	Drain Pipe	earthenware	Mod
25A	3	1	1	Glass	Bottle	colourless	Mod
25A	3	1	8	Lithics	Debitage	flint, corticated probable frost shattered piece	-
26A	4	1		Iron	Handle	vehicle door handle?	Mod
29A	4	1	2	CBM	Brick		
30A	4	1		Industrial Waste?	Iron Slag?		
33A	5	2		Industrial Waste	Iron Slag		
33B	5	1	6	CBM	Brick		Mod
33C	5	1	18	CBM	Brick		
33D	5	1		Iron?	Object	distorted	
33E	5	1	7	CBM	Brick		Mod
35A	5	1	168	CBM	Floor Tile	red, unglazed	Mod
35D	5	1	550	CBM	Brick	frogged	Mod
35F	5	1		Iron	Object	machine part?	Mod
37A	5	1	83	CBM	Floor Tile	red, unglazed	Mod
37B	5	1	49	CBM	Floor Tile	red, unglazed	Mod
37C	5	1	120	CBM	Floor Tile	red, unglazed	Mod
37D	5	1	35	CBM	Floor Tile	red, unglazed	Mod

Finds Spot	Turbine	Quantity	Weight (g)	Material	Object	Description	Spot Date
37E	5	1	125	CBM	Floor Tile	red, unglazed	Mod
37F	5	1	75	CBM	Floor Tile	red, unglazed	Mod
37G	5	1	121	CBM	Floor Tile	red, unglazed	Mod
37H	5	2	212	CBM	Floor Tile	red, unglazed	Mod
41A	6	1	6	CBM	Brick		
42A	6	1	13	Glass	Bottle	green base	M18th-E19th
43B	6	1	7	Lithics	Debitage	flint, patinated, small thick flake which may have been detached from the platform edge of a core, there are some removals originating from the central ridge of the flake	-
44A	6	1	40	CBM	Drain Pipe	earthenware	Mod
44B	6	1		Industrial Waste	Iron Slag		
45A	6	1	22	CBM	Drain Pipe	earthenware	Mod
45B	6	1		Iron	Rod	round sectioned	Mod
46A	6	1	1	Pottery (Mod)	Porcelain	plain plate/dish rim	Mod
46B	6	2	84	CBM	Drain Pipe	earthenware	Mod
46C	6	1	44	Glass	Bottle	colourless bottle base	Mod
46D	6	1		Iron	Object		
46E	6	1	2	Glass	Bottle	colourless	Mod
46F	6	1	13	Glass	Bottle	colourless	Mod
47A	6	1		Iron	Lump		
47B	6	1	5	Pottery (Mod)	Whiteware/Caneware	burnt	Mod
49A		1	14	CBM	Pan Tile		
50A		1	14	CBM	Drain Pipe	earthenware	
50B		1	112	CBM	Brick		
50C		1	439	CBM	Brick	frogged, stamped L B-	
50D		1	4	Lithics	Debitage	flint, lightly patinated piece of shatter with some probable semi abrupt retouch at one edge on cortical side	
50E		1	6	Pottery (Mod)	Whiteware		
50AA		1	21	CBM	Drain Pipe	earthenware	
51A		1	22	Pottery (Mod)	Brownware	abraded jar base sherd, glazed missing	
51B		1	6	CBM	Tile		
51AA		1	5	CBM	Drain Pipe		
52A		1	0	CBM	Fragment		
52AA		1	72	CBM	Brick		
52AB		1	10	CBM	Drain Pipe		
52AC		1		Copper Alloy	Escutcheon	decorative escutcheon from door handle	
52AD		1	37	CBM	Drain Pipe	earthenware	
53AA		1	16	CBM	Drain Pipe	earthenware	
53AA		1		Iron	Plate	large hole and nail holes	
53AB		1	26	CBM	Drain Pipe	earthenware	
53AC		1	24	CBM	Drain Pipe	earthenware	
54A		1	405	CBM	Brick	frogged	
55A		1	23	CBM	Drain Pipe	earthenware	



Finds Spot	Tur bine	Quantity	Weight (g)	Material	Object	Description	Spot Date
55B		1	33	CBM	Drain Pipe	earthenware	
55C		1	14	CBM	Drain Pipe		
55E		1	22	CBM	Drain Pipe	earthenware	
56A		1	374	CBM	Brick	frogged	
56B		1	461	CBM	Brick	mortared	
56C		3	869	CBM	Brick		
56D		3	857	CBM	Brick	frogged	
56E		4	1055	CBM	Brick	frogged	
56F		2	1382	CBM	Brick	frogged	
56G		1	49	CBM	Drain Pipe		
56H		1	74	CBM	Drain Pipe	earthenware	
56AA		1	11	CBM	Drain Pipe		
56AB		1	1	Glass	Window	colourless	
56AC		1	21	CBM	Drain Pipe	earthenware	
56AD		1	2	CBM	Wall Tile	white glazed	
56AE		1	34	CBM	Drain Pipe	earthenware	
57A		1	10	CBM	Brick		
57B		1	353	CBM	Brick		
57C		1	242	CBM	Brick		
57D		1	479	CBM	Brick	frogged	
57E		1	2	CBM	Brick		
57F		1	6	CBM	Brick		
57G		1	7	CBM	Brick		
57H		1	127	CBM	Brick		
57I		1	230	CBM	Brick	frogged, stamped PH-	
58A		1	5	CBM	Fragment		
58B		1	80	CBM	Brick		
58C		1	350	CBM	Brick		
58D		1		Iron	Lump		
58E		4	442	CBM	Brick	frogged, stamped -RES-	
58F		1	11	CBM	Brick		
58G		1	617	CBM	Brick	frogged, stamped 7 /S-	
59A		1	0	CBM	Fragment		
59B		1	51	CBM	Tile		
59D		1	19	CBM	Brick		
59E		1	25	CBM	Drain Pipe	earthenware	
59F		1	67	CBM	Drain Pipe	earthenware	
59G		1	2	CBM	Brick		
59AA		1	55	CBM	Drain Pipe	earthenware	
60A		1	21	CBM	Tile		
60B		1	12	CBM	Drain Pipe	earthenware	
60C		1	42	CBM	Drain Pipe	earthenware	
60D		1		Copper Alloy?	Spring		
60AA		1	17	CBM	Drain Pipe	earthenware	
61AA		1	21	CBM	Drain Pipe	earthenware	
61AB		1	28	CBM	Drain Pipe	earthenware	

Finds Spot	Turbine	Quantity	Weight (g)	Material	Object	Description	Spot Date
62A		1	86	CBM	Drain Pipe	earthenware	
62AA		1	26	Glass	Bottle	green	
62AB		1	20	CBM	Drain Pipe	earthenware	
62AC		1	37	CBM	Drain Pipe	earthenware	
63A		2	44	CBM	Brick		
63B		1	754	CBM	Brick	frogged, stamped 7	
64D		1	45	CBM	Drain Pipe	earthenware	
64E		1	4	CBM	Pan Tile?		
64F		1	12	CBM	Pan Tile?		
64AA		1	40	CBM	Brick		
64AB		1	8	CBM	Brick		
64AC		2	29	CBM	Drain Pipe	earthenware	
64BA		1	96	CBM	Brick		
64BB		1	5	Pottery (Mod)	Whiteware		
65AB		1	813	CBM	Brick	frogged	
65AB		1	6	CBM	Drain Pipe	earthenware	
66A		1	25	Lithics	Core	flint, multiplatform core. Two opposing platforms which have been used for blade production and two further platforms at 90 degree angles where mostly only small flakes have been removed from a cortical side	
66AB		1		Iron	Rod	square sectioned	
66AC		1	33	CBM	Brick		
66AD		1		Iron	Object	machine part?	
66BA		1	355	CBM	Brick	frogged	
66BB		1	361	CBM	Brick		
67AA		1	195	CBM	Brick		
67AB		1		Iron	Horseshoe	narrow web, pointed heels, worn at tow, poss toeclip?	
67AC		1	43	CBM	Drain Pipe	earthenware	
67BA		1	18	CBM	Brick		
67BB		1	9	CBM	Brick		
67BC		1	123	CBM	Brick		
67BD		1	77	CBM	Brick	stamped -C-	
68AD		1	5	CBM	Brick		
68BA		1	265	CBM	Brick		
69AA		1	135	CBM	Brick	frogged, stamped -LB-	
69AB		1	85	CBM	Brick		
69AC		1	20	CBM	Drain Pipe	earthenware	
69AD		1	21	CBM	Drain Pipe	earthenware	
69AE		1	10	CBM	Wall Tile	white glazed, used	
69BA		1		Iron	Object	machine part?	
70A		1	10	CBM	Brick		
70B		1		Iron	Shovel Blade?		
70AA		1	479	CBM	Brick	frogged, stamped -C-	
70AB		1	77	CBM	Brick		

Finds Spot	Tur bine	Quantity	Weight (g)	Material	Object	Description	Spot Date
70AC		1	0	CBM	Fragment		
70BA		1	878	CBM	Brick	frogged, stamped -L- / PHOR-	
71A		1	0	CBM	Fragment		
71AA		1	87	CBM	Brick		
71AB		1	5	CBM	Brick		
71AC		1	17	CBM	Drain Pipe		
71CA		1	14	CBM	Brick		
71CA		1		Iron	Lump		
71CC		1	85	CBM	Brick		
72AB		1	24	CBM	Drain Pipe	earthenware	
72AC		1	7	CBM	Fragment		
72AD		1	1	CBM	Fragment		
72AE		1		Iron	Rod	square sectioned	
72AF		1	22	CBM	Drain Pipe	earthenware	
72CA		1	78	CBM	Brick		
72CB		1	29	CBM	Drain Pipe	earthenware	
72CC		5	15	CBM	Brick		
72CD		1	38	CBM	Drain Pipe	earthenware	
72CE		1	144	CBM	Brick		
72CF		1	12	CBM	Brick		
72CG		1	204	CBM	Brick		
72CH		1	231	CBM	Brick		
72CI		1	29	CBM	Brick		
72CJ		1	108	CBM	Pan Tile		
72CK		1	165	CBM	Brick		
72CL		1		Iron	Plate	machine part?	
73AA		1	61	CBM	Tile		
73AB		1	4	CBM	Brick	fragment	
73AC		1	41	CBM	Drain Pipe	earthenware	
73AC		1		Iron	Lump		
73AD		1	17	CBM	Fragment		
73AE		1	30	CBM	Drain Pipe	earthenware	
73AF		1	11	CBM	Fragment		
73CA		1		Iron	Plate	machine part?	
73CB		1	106	CBM	Brick		
73CC		1	415	CBM	Brick	frogged	
73CD		2	160	CBM	Brick		
73CE		1	66	CBM	Pan Tile		
73CF		5	149	CBM	Brick		
73CG		1	11	CBM	Brick		
73CH		2	22	CBM	Brick/Tile		
73CI		1	95	CBM	Pan Tile		

Finds Spot	Turbine	Quantity	Weight (g)	Material	Object	Description	Spot Date
74A		1		Iron	Plate		
74AA		1	593	CBM	Brick	frogged	
74CA		1	86	Glass	Bottle	very thick, natural	
74CB		1		Iron	Lump		
74CC		1	397	CBM	Brick		
74CD		1	602	CBM	Brick	unfrogged, dense fine fabric, stamped -CA-, T57mm	
75AA		1	7	CBM	Fragment		
75AB		1	454	CBM	Brick	frogged, stamped	
75AE		1	20	CBM	Pan Tile		
75CA		1	8	Pottery (Mod)	Whiteware		
75CB		1	1	Pottery (Mod)	Whiteware	willow	
75CC		2	7	Glass	Bottle	colourless	
75CD		3	35	Glass	Bottle & Window	colourless, natural	
75CE		1		Iron	Object	machine part?	
76AA		1	6	Lithics	Debitage	flint, patinated indeterminate piece	
76AC		1	23	CBM	Tile		
76AD		1	14	CBM	Brick		
76AE		1	782	CBM	Brick	fogged, stamped -C-	
76AF		1	227	CBM	Brick		
76AG		1	29	CBM	Brick		
76AH		1	1504	CBM	Brick	frogged, mortared	
76AI		1	289	CBM	Brick		
76CA		1	222	CBM	Drain Pipe	stoneware	
76CB		1	115	CBM	Drain Pipe	stoneware	
76CC		1	5	Pottery (Mod)	Whiteware	blue/green trans printed	
76CD		1	4	Glass	Bottle	brown	
76CD		1	5	Pottery (Mod)	Porcelain		
76CE		1	1	Pottery (Mod)	Whiteware		
76CF		1	3	Pottery (Mod)	Porcelain	painted	
76CG		1	20	Glass	Bottle	colourless	
76CI		1	1	Glass	Bottle	colourless	
76CJ		1	15	Pottery (Mod)	Stoneware	jam jar	
76CK		1	5	Glass	Bottle/Vessel	colourless	
76CL		1	0	Glass	Bottle/Vessel	colourless	
76CM		1	23	Glass	Bottle	green	
76CM		1	1	Pottery (Mod)	Porcelain		
76CN		1	3	Pottery (Mod)	Red Earthenware	flower pot	
76CP		1	6	Glass	Bottle	colourless	
76CQ		1	29	Pottery (Mod)	Porcelain	red painted egg cup	
76CR		1	9	Glass	Window	colourless	
76CS		1	10	Glass	Bottle	base	
76CT		1	59	Pottery (Mod)	Stoneware	large bottle	
76CU		1	16	CBM	Drain Pipe		
76CV		6	32	Pottery (Mod)	Whiteware	green & blue trans printed	
76CW		1	5	Glass	Bottle	colourless	

Finds Spot	Turbine	Quantity	Weight (g)	Material	Object	Description	Spot Date
76CX		1	7	Pottery (Mod)	Red Earthenware	flower pot base	
76CY		1	10	Glass	Bottle	bright green	
76CZ		1	3	Pottery (Mod)	Whiteware	blue trans printed	
76CCA		1	2	Glass	Bottle	brown	
76CCB		1	61	CBM	Pan Tile		
76CCC		1	13	Glass	Window	dark purple	
76CCD		9	96	Glass	Bottle & Window	colourless, natural	
76CCE		2	29	Pottery (Mod)	Stoneware & Porcelain		
76CCE		3	10	Pottery (Mod)	Whiteware & Porcelain	blue trans printed	
76CCF		3	47	Glass	Bottle & Window	colourless, natural	
76CCG		1		Iron	Knife?	poss folding knife or odd shaped strip	
76CCH		1	28	Pottery (Mod)	Whiteware	tea pot filter	
76CCI		2	33	Pottery (Mod)	Whiteware & Stoneware		
77AA		1	87	CBM	Brick/Tile	thin brick or thick coarse tile, reduced, T36mm	
77AB		1	4	CBM	Fragment		
78AA		1	2	Lithics	Debitage	flint, abraded and patinated broken flake	
78AC		1	17	Pottery (Mod)	Brownware	brown glazed interior	
78AD		1	8	CBM	Fragment		
79AC		1	512	CBM	Brick	very abraded	
80AA		1	28	CBM	Drain Pipe	earthenware	
80AB		1	34	CBM	Brick		
80AC		1	23	CBM	Drain Pipe	earthenware	
80AE		1	5	Lithics	Debitage	flint, abraded and patinated flake or natural	
80AF		1	930	CBM	Brick	very dense, T 55	
80AF		1	1	CBM	Fragment		
81AB		1	293	CBM	Brick	abraded	
81AE		1	74	CBM	Brick		
81AO		1	13	CBM	Drain Pipe	earthenware	
82AA		3	287	CBM	Brick		
82AB		1	1020	CBM	Brick	frogged, marked 'L B - / PHO-', W114, v abraded	
82AC		1	513	CBM	Brick	frogged, abraded	
82AD		1	1	Pottery (Mod)	Whiteware		
82AE		1	59	CBM	Brick		
83AA		1	20	CBM	Brick		
83AA		1	40	CBM	Drain Pipe	earthenware	
83AB		1	826	CBM	Brick	abraded	
83AB		1	270	CBM	Brick	abraded	
83AC		1	41	CBM	Brick		
83AE		2	195	CBM	Brick		
86AA		1	4	CBM	Fragment		

Finds Spot	Turbine	Quantity	Weight (g)	Material	Object	Description	Spot Date
86AB		1		Iron	Lump		
86AC		1	5	Pottery (Mod)	Blackware		
86AD		1		Iron	Lump	slag?	
87AA		1	79	CBM	Drain Pipe	stoneware	
88BA		1		Iron	Lump		
89BA		1		Iron	Plate	machine part?	
89BC		1		Iron	Lump	slag?	
90AA		1		Iron	Lump		
90AB		1		Iron	Lump	slag?	
90BA		1	502	CBM	Brick	frogged	
90BB		1	37	CBM	Drain Pipe	earthenware	
90BC		1	22	CBM	Drain Pipe	earthenware	
91BA		2	257	CBM	Brick	stamped -BC-	
91BB		1	783	CBM	Brick	frogged, stamped -PRES	
93BA		1	3	Pottery (Mod)	Whiteware		
96BB		1		Iron	Plate		
98BA		1	45	CBM	Pan Tile		

<b>OASIS ID: headland4-223571</b>	
<b>Project details</b>	
Project name	Woolfox Lodge, Stretton, Rutland: field walking
Short description of the project	A programme of field-walking at Woolfox Lodge, Stretton, Rutland, in support of a planning application to construct a solar PV farm and nine wind turbines. The majority of the finds recovered were modern (19th century or later) in date, and comprised pottery, window and bottle glass, agricultural metalwork, brick, drainpipe, and tile. Some of the lithics may be prehistoric in date, including a probable Neolithic core.
Project dates	Start: 02-09-2015 End: 07-09-2015
Previous/future work	Yes / Not known
Type of project	Field evaluation
Site status	None
Current Land use	Cultivated Land 2 - Operations to a depth less than 0.25m
Monument type	AIRFIELD Modern
Significant Finds	FLIINT CORE Neolithic
Methods & techniques	"Fieldwalking", "Geophysical Survey"
Development type	Wind farm developments
Prompt	National Planning Policy Framework - NPPF
Position in the planning process	Pre-application
<b>Project location</b>	
Country	England
Site location	LEICESTERSHIRE RUTLAND STRETTON Woolfox Lodge
Study area	70 Hectares
Site coordinates	SK 9641 2313 52.796769885814 -0.569938562291 52 47 48 N 000 34 11 W Point
Height OD / Depth	Min: 90m Max: 90m
<b>Project creators</b>	
Name of Organisation	Headland Archaeology Ltd
Project brief originator	Local Authority Archaeologist and/or Planning Authority/advisory body
Project design originator	Headland Archaeology Ltd
Project director/manager	Antony Walsh
Project supervisor	Emma Jeffrey
Type of sponsor/funding body	Developer

Name of sponsor/funding body	RES Ltd
Entered by	antony.walsh (antony.walsh@headlandarchaeology.com)
Entered on	13 October 2015



