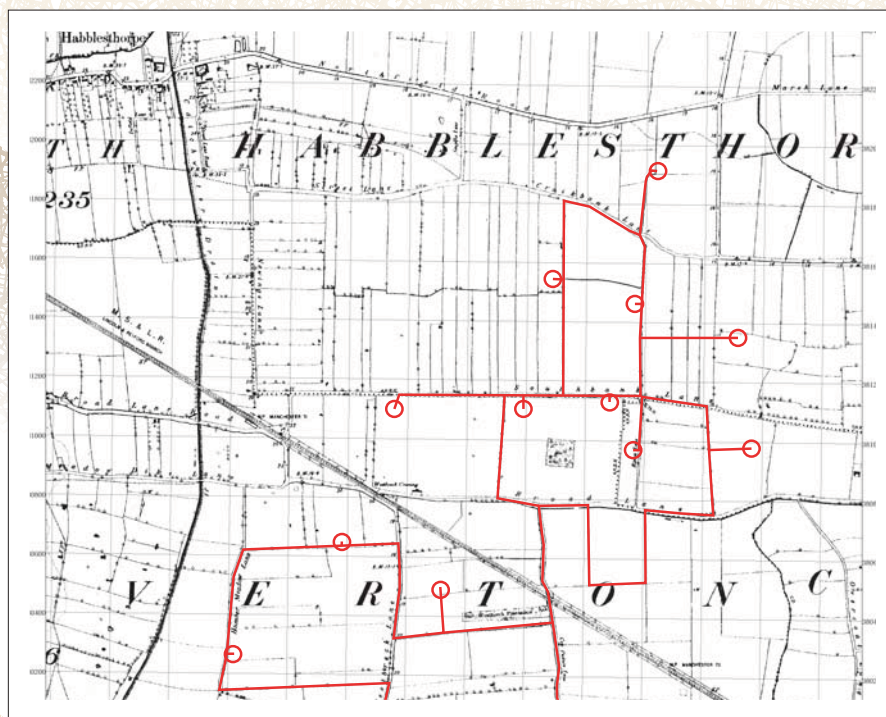


CAMBRIAN ARCHAEOLOGICAL PROJECTS LTD.

Cottam Wind Farm, Nottinghamshire

Archaeological Desk-based Assessment
&
Field Walkover



By
Christopher E Smith Ba (Hons) MA AIFA



CAP Report No. 491

ARCHAEOLOGICAL DESK-BASED ASSESSMENT
&
FIELD WALKOVER

**Cottam Wind Farm,
Nottinghamshire**

Christopher E Smith Ba (Hons) MA AIFA

Prepared for:
Engena Ltd

CAP Report No: 491

Date: **October 2007**



Cambrian Archaeological Projects Ltd
Old Chapel Farm
Llanidloes
Montgomeryshire
SY18 6JR

Telephone: 01686 413857 / Fax: 01686 411280
e-mail: info@cambrian-archaeology.co.uk

CONTENTS

1	Introduction	1
1.1	Location and scope of work	1
1.2	Geology and topography	1
1.3	Archaeological and historical background	1
2	Aims and Objectives	2
4	The Desk-Based Assessment – Search Data	4
4.2	Palaeolithic	4
4.3	Mesolithic	4
4.4	Neolithic	4
4.5	Bronze Age	4
4.6	Iron Age	4
4.7	Romano-British period	5
4.8	Post Roman/Saxon period	6
4.9	Medieval	6
4.10	Post Medieval	6
4.11	Modern	9
4.12	Undated/Uncertain	9
5	Map Regression	11
5.2	Aerial Photographs	12
6	The Field Walkover	13
7	Discussion and Interpretation	14
7.1	Reliability of Field Investigation and Desk Top Assessment	14
7.2	Overall Interpretation	14
7.3	Significance	14
8	Predicted impacts	15
9	Proposals	15
10	Acknowledgements	16
11	Bibliography and references	16
	Appendix: Archive Cover Sheet	

List of Figures

Figure 1	Location Map
Figure 2	Turbine Locations
Figure 3	Location of Known Archaeology
Figure 4	1796 South Leverton and Cottam Enclosure Map
Figure 5	1885 Ordnance Survey Map
Figure 6	1900 Ordnance Survey Map
Figure 7	1921-22 Ordnance Survey Map
Figure 8	1947 Ordnance Survey Map
Figure 9	1956 Ordnance Survey Map
Figure 10	1978-80 Ordnance Survey Map
Figure 11	2007 Ordnance Survey Map

List of Plates

Plate 1	Aerial Photograph showing cropmarks near Turbine 9
Plate 2	Aerial Photograph showing cropmarks near Turbine 9
Plate 3	Aerial Photograph showing cropmarks near Turbines 8 & 6
Plate 4	Aerial Photograph showing cropmarks near Turbines 8 & 6
Plate 5	Photograph showing area of Turbine 8
Plate 6	Photograph showing area of Turbine 12

Copyright Notice:

Cambrian Archaeological Projects Ltd. retain copyright of this report under the Copyright, Designs and Patents Act, 1988, and have granted a licence to Engena Limited to use and reproduce the material contained within.

The Ordnance Survey has granted Cambrian Archaeological Projects Ltd a Copyright Licence (No. AL 52163A0001) to reproduce map information; Copyright remains otherwise with the Ordnance Survey.

Non Technical Summary

This report results from work undertaken by Cambrian Archaeological Projects Ltd (CAP) for Engena Ltd of Bury St. Edmunds, Suffolk. The work carried out consisted of a desk based assessment and a field walkover survey in advance of proposed construction of 12 wind turbines at Cottam in Nottinghamshire. The desk-based assessment appraised the documentary, photographic and cartographic evidence pertaining to the site and its immediate environs whilst the field walkover assessed the area for any visible archaeological remains.

1 Introduction

1.1 Location and scope of work

- 1.1.1 In October/November 2007 Cambrian Archaeological Projects (CAP) carried out a desk based assessment and field walkover survey of land to the north of Cottam, Nottinghamshire (Fig 1), on behalf of their clients Engena Ltd.
- 1.1.2 This work was carried out in respect of a proposed wind farm development on the site. The development concerns the construction of 12 wind turbines on the site with associated access tracks centred on NGR SK 805140 808350 (See Fig 2).
- 1.1.3 A method statement for the desk based assessment and field walkover survey was prepared by Kevin Blockley MIFA FSA and forwarded to the Nottinghamshire development control officer.

1.2 Geology and topography

- 1.2.1 The Topography of the area of proposed development is largely flat and un-wooded although some small areas of woodland exist to the south west. The landscape is characterised by post World War 2 modified field systems and small nucleated village settlements.
- 1.2.2 The underlying solid geology of the Cottam area is mainly composed of Triassic mudstones including Keuper Marl, Dolomitic Conglomerate and Rhaetic (BGS, 1979).

1.3 Archaeological and historical background

- 1.3.1 This section provides a brief description of the archaeological and historical background to the area of proposed development.
- 1.3.2 The area of proposed development lies within a larger archaeological landscape dating back to the Neolithic, Bronze and Iron Ages as evidenced by crop marks and stray finds. The main period of activity however is the Romano-British period. The Roman town of *Segelocum* (Littleborough), adjacent to the Roman road running north west – south east, would have formed a focal point within the landscape. Around the town and road ancillary activities such as agriculture would have taken place – evidence for which may be seen in possible late Iron Age/ Romano-British field system crop marks in the area. Burials are also likely to have taken place adjacent to the Roman road outside the town limits at this time.

- 1.3.3 Evidence of medieval and post medieval activity within the area of proposed development is the most common with both cropmarks and earthworks showing evidence of agriculture. Historic settlement cores are present in the villages of the area such as Cottam, South Leverton, North Leverton with Habbleshthorpe as well as the Roman town of Littleborough (*Segelocum*).

2 Aims and Objectives

- 2.1 The main scope and objectives of the archaeological assessment were to reveal by desk-based study, the nature, significance and, where possible, the chronology of the archaeology within the area of the proposed development. The purpose of the desk-based assessment, in accordance with standards and guidance as laid down by the *Institute of Field Archaeologists*, is to gain information about the known or potential archaeological resource within the given area (including presence or absence, character and extent, date, integrity, state of preservation and relative quality of the potential archaeological resource), in order to make an assessment of its merit in context, leading to one or more of the following:
- The formulation of a strategy to ensure the recording, preservation or management of the resource;
 - The formulation of a strategy for further investigation, whether or not intrusive, where the character and value of the resource is not sufficiently defined to permit a mitigation strategy or other response to be devised;
 - The formulation of a proposal for further archaeological investigation within a programme of research.
- 2.2 With regards the field survey the main objective in accordance with the standards and guidance laid down by the *Institute of Field Archaeologists* is to gain information about the archaeological resource within a given area or site (including presence or absence, character, extent, date, integrity, state of preservation and quality), in order to make an assessment of its merit in the appropriate context, leading to one or more of the following:
- The formulation of a strategy to ensure the recording, preservation or management of the resource;
 - The formulation of a strategy to mitigate a threat to the archaeological resource;
 - The formulation of a proposal for further archaeological investigation within a programme of research.
- 2.3 The field study aimed to examine on the ground the land designated for the proposed wind farm and isolate and record any archaeology and historic landscape features that survive within it.

3 Methodology

- 3.1 For the purposes of the archaeological desk based study the following repositories were consulted;

- Regional Sites and Monuments Record
- Portable Antiquities Scheme (Nottinghamshire)
- Cambridge Air Photo Unit
- Envirocheck/Landmark Mapping
- County Records Office (Nottinghamshire Archives)

3.2 At these repositories the following sources were consulted:

- All Ordnance Survey Maps
- Tithe Enclosure Award and Parish Maps
- Estate Maps
- Historical documents pertaining to the site
- Archaeological books and journals
- Unpublished reports
- Aerial photographs

3.3 At the Nottinghamshire Sites and Monuments Record a 3.5km search around the centre of the development area was undertaken. This was then supplemented with a similar search of data held by the Archaeology Data Service.

3.4 For purposes of the Field Study once all cartographic and archaeological records had been consulted and all relevant material identified, the proposed development areas were subject to a field walkover. A finds sampling strategy was in place during the field study should any surface scatters of pottery sherds or other potential finds warrant it.

3.5 The assessment methods used followed that detailed in the DMRB (Design Manual for Roads and Bridges), Volume 11, Section 3, part 2. All sites identified have been categorised following guidelines set out in the DMRB. The allocation of a set value to a site defines the sites archaeological significance. The value categories are described as follows:

- *Very High* – World Heritage sites (including nominated sites), Assets of acknowledged international importance, Assets that can contribute significantly to acknowledged international research objectives.
- *High* – Scheduled Ancient Monuments (including proposed sites), undesignated assets of schedulable quality and importance, Assets that can contribute significantly to acknowledged national research objectives.
- *Medium* – Designated or undesignated assets that contribute to regional research objectives.
- *Low* – Designated and undesignated assets of local importance, assets compromised by poor preservation and/or poor survival of contextual associations, assets of limited value, but with potential to contribute to local research objectives
- *Negligible* – Assets with very little or no surviving archaeological interest
- *Unknown* – The importance of the resource has not been ascertained

3.6 The significance of the impact on the cultural heritage has been assessed with regard to the category of the individual site or landscape, based on the following criteria:

- *No Change:* No change
- *Negligible:* Very minor changes to archaeological materials, or setting
- *Minor:* Changes to key archaeological materials, such that the asset is slightly altered. Slight changes to setting

- *Moderate:* Changes to many key archaeological materials, such that the resource is clearly modified. Considerable changes to setting that affect the character of the asset.
- *Major:* Change to most or all key archaeological materials, such that the resource is totally altered. Comprehensive changes to setting

4 The Desk-Based Assessment – Search Data

- 4.1.1 All sites and buildings, as well as their locations, recorded within the study area are shown on Fig 3 and the impact table.

4.2 Palaeolithic

- 4.2.1 No recorded Palaeolithic finds or activity could be found for this area.

4.3 Mesolithic

- 4.3.1 No recorded Mesolithic finds or activity could be found for this area.

4.4 Neolithic

Three known Neolithic sites are located within a 1km radius of the assessment area (centre). All three represent find spots, none of which will be impacted upon by the development proposals. A further three early Neolithic finds were made during the field walkover, these were centred on SK 81199 81075.

- 4.4.1 05868, North Leverton, SK 8032 8154, Neolithic/Bronze Age Finds spot

- 4.4.2 04983, South Leverton, SK 7800 8060, Neolithic Finds spot

- 4.4.3 04984, South Leverton, SK 7800 8100, Neolithic Finds spot

4.5 Bronze Age

Three known and two suspected Bronze Age sites are located within a 1km radius of the assessment area (centre). The three known sites represent find spots which are unlikely to be impacted upon by the proposals. The two suspected sites are identified by cropmarks, one of which (05038) may be impacted upon owing to its proximity to turbines 9 and 10 and their associated access tracks.

- 4.5.1 05855, Laneham, SK 8270 7880 Prehistoric (BA?) Finds scatter

- 4.5.2 05041, North Leverton, SK 8150 8210, Bronze Age Finds spot

- 4.5.3 11, Littleborough, SK 815 821, Bronze Age Flint Scraper (tool) Find spot

- 4.5.4 16, Cottam, SK 81530 80490 to SK 81670 to 80650, Cropmarked Enclosure, Hut circle, Settlement & Track way. Bronze/Iron Age

- 4.5.5 05038, North Leverton, SK 8110 8140 Cropmarked Enclosure, Linear feature, Ring ditch. Bronze/Iron Age.

4.6 Iron Age

Three suspected Iron Age sites are located within a 1km radius of the assessment area (centre). All three are evidenced by cropmarks. Sites 5 and 10 may be impacted upon by the development proposal owing to their proximity to turbines 11 and 12 as well as their associated access tracks.

- 4.6.1 04698, Rampton, SK 8203 7874, Iron Age/Roman Settlement
- 4.6.2 5, Littleborough, SK 80860 81910. Cropmarked Field System, Iron Age/Roman?
- 4.6.3 10, Coates, SK 80550 81480 to SK 80680 80550, Cropmarked Enclosures, Field System and Track way. Iron Age/Roman

4.7 **Romano-British period**

There are 17 known/suspected Roman sites within a 1km radius of the assessment area (centre). Ten of these sites represent find spots within the development area whilst the remainder represent either cropmarks or features confirmed through excavation. Three sites (9, 05038a and 05039a) are likely to be impacted upon by the proposed development.

- 4.7.1 2, SK 81460 80610, Cropmarked Enclosure. Prehistoric/Roman?
- 4.7.2 6, Littleborough, SK 81400 83010 to 81760 82850, Cropmarked Roman Road, Field System and Pits. Roman
- 4.7.3 8, SK 820 814, Two Carved Roman Stones, Finds spot
- 4.7.4 9, SK 80040 80200 & SK 80210 80800 & 80780 80020. Cropmarked Enclosures, Field System, Track way, Ditched Enclosures and Villa?
- 4.7.5 17, Littleborough Roman Town (*Segelocum*), SK 82 82. Multiple Roman Features.
- 4.7.6 18, Littleborough (*Segelocum*). SK 82 82. Roman Road.
- 4.7.7 19, SK 82 80, Roman Finds
- 4.7.8 20, SK 82 82, Roman inhumations uncovered during drainage works around St. Nicholas Church, Littleborough.
- 4.7.9 23, SK 80 80. 3rd Century Roman Coins Finds spot.
- 4.7.10 05034, Sturton le Steeple, SK 8240 8248. Roman Finds spot
- 4.7.11 05038a, North Leverton, SK 8100 8130, Roman Finds scatter (1st – 4th Century)
- 4.7.12 05035, Sturton le Steeple, SK 8260 8260 Roman Finds scatter (1st – 2nd Century)
- 4.7.13 04986, Sturton le Steeple, SK 7843 8294 Roman Finds scatter (3rd Century)
- 4.7.14 05001, Cottam, SK 8210 8260, Roman Finds spot
- 4.7.15 05039a, South Leverton, SK 8090 8100 Roman Finds scatter (2nd – 4th Century)
- 4.7.16 05884, Sturton le Steeple, SK 8245 8253, Roman Finds spot (3rd – 4th Century)
- 4.7.17 05033, Sturton le Steeple, SK 8230 8280, Roman Town, Finds, Excavation, Cropmark. Scheduled Ancient Monument 145

4.8 Post Roman/Saxon period

There are 3 known/suspected Post Roman/Saxon sites within a 1km radius of the assessment area (centre) neither of which will be impacted upon.

4.8.1 7, SK 820 814, Two Carved Saxon stones. Finds spot

4.8.2 1.43.1, SK 79949 78578, "Church of All Saints" Early Medieval Listed Building (I)

4.9 Medieval

There are 15 known/suspected medieval sites within a 1km radius of the assessment area (centre). These are all represented by either cropmarks or upstanding remains. Two sites (3 and 15) may be impacted upon by the development proposal.

4.9.1 3, SK 81080 91620, Cropmark, Track way. Medieval/Post Medieval

4.9.2 15, SK 81150 80780 to SK 81330 to 81100, Cropmark Field Boundary & Trackway

4.9.3 22, SK 79390 82360. Site of Ruinous Church (1743), Possible Medieval origin

4.9.4 04985, North Leverton, SK 7850 8200, Deserted medieval village

4.9.5 04697, Rampton, SK 8155 7855, Medieval Moat earthwork, Moated Site. Scheduled Ancient Monument 51

4.9.6 1.12.2, "Church of Holy Trinity" 12th Century Listed Building (II) SK 81830 80070

4.9.7 1.12.3, "Font 0.5m E of S porch at Church of Holy Trinity" 14th Century Listed Feature (II) SK 81828 80067

4.9.8 1.39.1 "Church of St Martin" 12th Century Listed Building (II) SK 78711 82259

4.9.9 1.43.6 "Gateway from Manor Farm to Churchyard and Walls" 16th Century Listed Features (I) SK 79977 78577

4.9.10 1.48.1 "Church of All Saints" 12th Century Listed Building (II*) SK 78339 81103

4.9.11 1.48.5 "The Priory" 12th Century Listed Building (II) SK 78194 81186

4.9.12 1.51.3 "Church of St Peter and St Paul" 12th Century Listed Building (II*) SK 78797 83867

4.9.13 1.51.13 "Church of St Nicholas" 11th Century Listed Building (I) SK 82453 82618

4.9.14 1.55.1 "Church of St John the Baptist" 13th Century Listed Building (I) SK 78156 79392

4.9.15 06168, Rampton, SK 7970 7840, Medieval Moated Enclosure Earthwork

4.10 Post Medieval

There are 60 Post medieval sites located within a 1km radius of the assessment area (centre). These are predominantly represented by upstanding buildings of sufficient distance away to not be physically affected by the development proposal.

- 4.10.1 13, SK 78880 81490, Site of Post Medieval Windmill
- 4.10.2 04736, Rampton, SK 8274 7878, Post Medieval Wharf/Jetty
- 4.10.3 06781, Treswell, SK 7863 7927, Post Medieval Chapel
- 4.10.4 1.39.2 "Sundial House" 18th Century Listed Building (II) SK 78747 82197
- 4.10.5 1.39.3 "Yew Tree Farm House" 18th Century Listed Building (II) SK 78856 82166
- 4.10.6 1.39.4 "Pigeoncote at Sundial House" 18th Century Listed Feature (II) SK 78792 82186
- 4.10.7 1.39.5 "Prebendary Farm House" 18th Century Listed Building (II) SK 79308 82273
- 4.10.8 1.39.7 "Habblethorpe Manor House" 17th Century Listed Building (II) SK 79275 82178
- 4.10.9 1.39.8 "The Farm" 19th Century Listed Building (II) SK 78470 82157
- 4.10.10 1.39.10 "North Leverton Windmill" 19th Century Listed Building (II*) SK 77506 82022
- 4.10.11 1.39.11 "Windmill Cottage" 19th Century Listed Building (II) SK 77492 81998
- 4.10.12 1.39.12 "North Leverton Manor House" 18th Century Listed Building (II) SK 78276 82160
- 4.10.13 1.39.14 "Ivy House" 17th Century Listed Building (II) SK 78479 82112
- 4.10.14 1.39.15 "Corner Farmhouse and adjoining Farm Buildings" 19th Century Listed Building (II) SK 78507 82118
- 4.10.15 1.39.20 "The Toppings and Stable" 19th Century Listed Building (II) SK 78439 82122
- 4.10.16 1.39.21 "Pigeoncote at The Toppings" 19th Century Listed Building (II) SK 78455 82116
- 4.10.17 1.39.22 "Cottage West of The Toppings" 19th Century Listed Building (II) SK 78425 82122
- 4.10.18 1.39.23 "Gainsborough House" 19th Century Listed Building (II) SK 78387 82143
- 4.10.19 1.39.26 "Barn at Yew Tree Farm" 18th Century Listed Building (II) 78876 82117
- 4.10.20 1.39.27 "Cow House with Stable & Pigeoncote; Yew Tree Farm" 19th Century Listed Buildings (II) SK 78878 82139
- 4.10.21 1.39.28 "Chapel House" 18th Century Listed Building (II) SK 79095 82201
- 4.10.22 1.39.29 "White Lodge and Outbuildings" 18th Century Listed Buildings (II) SK 78530 81971
- 4.10.23 1.39.30 "Former Wesleyan Sunday School" 19th Century Listed Building (II) SK 78511 82235

- 4.10.24 1.39.31 "Farmhouse and Waterpump to W of Habbleshthorpe Manor" 18th Century Listed Building and Features (II) SK 79190 82194
- 4.10.25 1.43.5 "Manor Farmhouse and attached Outbuilding and Wall" 18th Century Listed Buildings and Features SK 80001 78578
- 4.10.26 1.43.7 "Gateway 19m W of Church of All Saints" 19th Century Listed Feature (II) SK 79910 78560
- 4.10.27 1.43.10 "The Cottage, Rose Cottage and No 3 Torksey Street" 18th Century Listed Building (II) SK 80080 78571
- 4.10.28 1.48.3 "Diamond House" 17th Century Listed Building (II) SK 78282 81088
- 4.10.29 1.48.6 "Church Farm Cottage" 18th Century Listed building (II) SK 78267 81157
- 4.10.30 1.48.7 "The White House" 19th Century Listed Building (II) SK 78481 81013
- 4.10.31 1.48.8 "New Farm House and Stable" 18th Century Listed Buildings SK 78875 81142
- 4.10.32 1.48.9 "Methodist Chapel" 19th Century Listed Building (II) SK 78309 80971
- 4.10.33 1.48.10 "Meeting House" 17th Century Listed Building (II) SK 78186 80743
- 4.10.34 1.48.11 "Barn at Meeting House" 18th Century Listed Building (II) SK 78208 80735
- 4.10.35 1.48.12 "Outbuilding 20m N of The Priory" 19th Century Listed Building (II) SK 78191 81211
- 4.10.36 1.48.14 "Barn and Pigeoncote at New Farm" 18th Century Listed Building and Feature (II) SK 78862 381156
- 4.10.37 1.48.15 "Green Cottage" 17th Century Listed Building (II) SK 78666 81085
- 4.10.38 1.48.16 "Holly Farmhouse" 18th Century Listed Building (II) SK 78784 81037
- 4.10.39 1.48.18 "Pigeoncote at White's Farm" 19th Century Listed Feature (II) SK 78401 81164
- 4.10.40 1.48.19 "Cartshed with Granary over, White's Farm" 19th Century Listed Building (II) SK 78422 81219
- 4.10.41 1.51.1 "Crow Tree Farm House" 17th Century Listed Building (II) SK 78343 84528
- 4.10.42 1.51.2 "Crown Cottage" 18th Century Listed Building (II) SK 78664 84523
- 4.10.43 1.51.9 "Manor Farm House" 17th Century Listed Building (II) SK 79177 83043
- 4.10.44 1.51.11 "Ferry House" 19th Century Listed Building (II) SK 82488 82544
- 4.10.45 1.51.14 "Church Farm House" 18th Century Listed Building (II) SK 78794 83936
- 4.10.46 1.51.16 "Cross Street Cottage and Outhouse" 18th Century Listed Building (II) SK 78642 84251
- 4.10.47 1.51.17 "Barn and Stable at Cross Street Cottage" 19th Century Listed Buildings (II) SK 78609 84256
- 4.10.48 1.51.18 "Littleborough Cottage" 19th Century Listed Building (II) SK 81476 83076

- 4.10.49 1.51.19 "The Manor House" 17th Century Listed Building (II) SK 79099 83967
- 4.10.50 1.51.20 "Stable at Manor House dated 1779" 18th Century Listed Building (II) SK 79115 83974
- 4.10.51 1.51.21 "Stable at Manor House dated 1846" 19th Century Listed Building (II) SK 79111 83993
- 4.10.52 1.51.25 "Boundary Wall, Railing and Gate at Crown Cottage" 18th Century Listed Features (II) SK 78664 84510
- 4.10.53 1.51.26 "Wesleyan Chapel, Wall and Railing" 19th Century Listed Building (II) SK 78674 84523
- 4.10.54 1.51.27 "Mayflower House and Outhouse" 18th Century Listed Buildings (II) SK 78685 84492
- 4.10.55 1.51.28 "Pigeoncote and Barn to W of Church Hill Farm House" 19th Century Listed Building and Feature (II) SK 78600 83851
- 4.10.56 1.51.29 "West End Farm House and Wash House" 18th Century Listed Building (II) SK 78256 84039
- 4.10.57 1.55.2 "Church Farmhouse" 18th Century Listed Building (II) SK 78163 79291
- 4.10.58 1.55.6 "Pigeoncote at Brookside Farm" 18th Century Listed Feature (II) SK 78700 79422
- 4.10.59 1.51.22 "Culvert, Boundary Wall, Fence & Gate; Manor House" 19th Century Listed Building and Features (II) SK 79120 83950
- 4.10.60 1.51.23 "Culvert Gate and Gate Piers at Manor House" 19th Century Listed Features (II) SK 79089 83923
- 4.10.61 1.51.24 "Four Pillars 10m South of Manor House South Front" 17th Century Listed Features (II) SK 79100 83949
- 4.10.62 1.51.15 "Boundary Wall at Church of St Peter and St Paul" 19th Century Listed Feature (II) SK 78779 83910
- 4.10.63 1.48.21 "Cottage & farm buildings" 19th Century Listed Buildings (II) SK 78466 81189
- 4.10.64 1.48.20 "Stables, cowsheds, bull pens" 19th Century Listed Buildings (II) SK 78411 81186

4.11 **Modern**

There are 2 modern sites within a 1km radius of the assessment area (centre). Neither of these will be affected by the proposed development.

- 4.11.1 06043, Sturton le Steeple, SK 7980 8390, 20th Century Bomb crater
- 4.11.2 12, SK 818 798, Cottam Railway Station, Late 19th – 20th Century

4.12 **Undated/Uncertain**

There are 31 sites of unknown date within a 1km radius of the assessment area (centre). Of the 31 sites 3 (05040, 05039, 05037) are likely to be impacted upon by the development proposal.

- 4.12.1 1, SK 81690 80670, Cropmark Enclosure – Undated – Possible Prehistoric
- 4.12.2 4, SK 81800 80420, Cropmark Field Boundary – Unknown date
- 4.12.3 14, SK 81120 80160, Cropmark Enclosure – Unknown date
- 4.12.4 04688, South Leverton, SK 7805 7990, Cropmark Enclosure – Unknown date
- 4.12.5 05036, North Leverton, SK 8110 8205, Cropmark Enclosure – Unknown date
- 4.12.6 04193, North Muskham, SK 7880 8030 Cropmark – Unknown date
- 4.12.7 05032, Sturton le Steeple, SK 8205 8270, Cropmark Linear feature – Unknown date
- 4.12.8 05040, South Leverton, SK 8050 8030, Cropmark Linear feature – Unknown date
- 4.12.9 05039, South Leverton, SK 8080 8090, Cropmark Linear feature – Unknown date – Possibly Natural Feature
- 4.12.10 05037, North Leverton, SK 8090 8180, Cropmark Linear feature/Enclosure – Unknown date
- 4.12.11 06779, Rampton, SK 7986 7900, Undated Earthwork
- 4.12.12 06780, Rampton, SK 7957 7877, Undated Earthwork
- 4.12.13 06782, Rampton, SK 7982 7759, Undated Earthwork bank
- 4.12.14 06162, Treswell, SK 7880 7950, Ridge and furrow, Hollow way, Earthwork bank – Likely Medieval
- 4.12.15 06163, Treswell, SK 7800 7900, Ridge and furrow & Ditch, Likely Medieval/Post Medieval
- 4.12.16 06167, Rampton, SK 7990 7830, Ridge and furrow – Likely Medieval/Post Medieval
- 4.12.17 06172, Sturton le Steeple, SK 7940 8400, Earthworks – Hollow & Mound – Unknown date
- 4.12.18 06171, Sturton le Steeple, SK 7910 8380, Earthworks – Hollow & Mound – Unknown date
- 4.12.19 04696, Treswell, SK 7830 7940, Earthwork Ditch & Building? – Unknown date
- 4.12.20 05739, Treswell, SK 7785 7940, Hollow way & Quarry – Likely Post Medieval
- 4.12.21 06169, South Leverton, SK 7860 8120, Ridge and furrow, Bank & Ditch – Likely Medieval/Post Medieval
- 4.12.22 06173, South Leverton, SK 7970 8400, Ridge and furrow, Bank & Ditch – Likely Medieval/Post Medieval
- 4.12.23 06052, South Leverton, SK 7970 8000, Ridge and furrow – Likely Medieval/Post Medieval

- 4.12.24 06166, Rampton, SK 8040 7840, Ridge and furrow, Hollow way & Earthen bank – Likely Medieval/Post Medieval
- 4.12.25 06965, Sturton le Steeple, SK 7930 8375, Ridge and furrow & Cropmark Enclosure – Unknown date
- 4.12.26 06966, North Leverton, SK 7840 8240, Ridge and furrow – Likely Medieval/Post Medieval
- 4.12.27 06967, North Leverton, SK 7865 8160, Ridge and furrow – Likely Medieval/Post Medieval
- 4.12.28 06170, South Leverton, SK 7855 8110, Hollow way, Mound & Hollow – Unknown date
- 4.12.29 06069, Sturton le Steeple, SK 7900 8290, Ridge and furrow & Boundary earthwork – Likely Medieval/Post Medieval
- 4.12.30 06070, South Leverton, SK 7840 8060, Ridge and furrow – Likely Medieval/Post Medieval

5 Map Regression

- 5.1.1 The 1796 enclosure map for South Leverton and Cottam (Fig 4) shows the middle and lower sections of the development area in close detail. The landscape is characterised by a series of small co-axial ‘strip’ fields and drainage ditches. None of the twelve turbine locations appear to be located near any structures or other features apart from field boundaries.
- 5.1.2 The 1885-88 First Edition Ordnance Survey map (Fig 5) shows the area of proposed development in close detail. The landscape is characterised by a series of small co-axial ‘strip’ fields and drainage ditches the same as shown 100 years earlier in Fig 4. None of the twelve turbine locations appear to be located near any structures or other features apart from field boundaries. The access track to Turbine 9 appears to cross four field boundaries of the above mentioned ‘strip’ fields.
- 5.1.3 The 1900 Second Edition Ordnance Survey map (Fig 6) shows largely the same detail as that seen on the first edition with very few if any changes within the proposed area of development. The large plantation to the south of Turbine 5 appears to have been cleared of trees since the publication of the First Edition map in 1885.
- 5.1.4 The 1921-22 Ordnance Survey map (Fig 7) again shows a largely unchanged landscape in the area of proposed development. The plantation south of Turbine 5 now appears to have been completely removed. Also, an area around the location of Turbine 1 appears to have been enclosed and turned into an Osier bed (any of certain Willow trees, especially *Salix Viminalis*, whose flexible branches or twigs are used for making baskets). No other significant changes were noted.
- 5.1.5 The 1947 Ordnance Survey map (Fig 8) again shows a largely unchanged landscape in the area of proposed development. The Osier bed around Turbine 1 is still in place. Some small changes to boundaries within the assessment area are evident but none with direct relevance to the proposed development. No other significant changes were noted.
- 5.1.6 The 1956 Ordnance Survey map (Fig 9) again shows a largely unchanged landscape in the area of proposed development. Whilst the Turbine 1 Osier bed enclosure still

remains it appears to be by now clear of willows. No other significant changes were noted.

- 5.1.7 The 1978-80 Ordnance Survey map (Fig 10) shows significant change in the field boundaries of the study area since the publication of the 1956 Ordnance Survey map. Field boundary removal appears to have taken place in the area of most of the turbines leading to a much more open landscape. No other significant changes were noted.
- 5.1.8 The 2007 Ordnance Survey map (Fig 11) shows the landscape of the assessment area as it appears today. More boundaries and 'strip' fields appear to have been removed since the publication of the 1978-80 Ordnance Survey map leaving a landscape of largely open fields and drainage ditches. No other significant changes were noted.

5.2 Aerial Photographs

- 5.2.1 The area is generally well covered by aerial photography and various photographs were consulted during the course of the desk top assessment. Those showing positive results are listed below.
- 5.2.2 Plate 1 - BKR 71 – 12th October 1972. This oblique shot is located at grid reference SK 81100 81300 and shows cropmarks 1.5 miles east south east of North Leverton in the area of Turbine 9 and its associated access track. The field across which the access track is proposed shows a wide variety of linear and curvilinear cropmarks.
- 5.2.3 Plate 2 - BKR 73 (reverse angle of BKR 71) – 12th October 1972. This oblique shot is located at grid reference SK 81100 81300 and shows cropmarks 1.5 miles east south east of North Leverton in the area of Turbine 9 and its associated access track. The field across which the access track is proposed shows a wide variety of linear and curvilinear cropmarks.
- 5.2.4 Plate 3 - RC8-GK 122. 30th May 1984. This vertical shot located at SK 81315 81851 shows the area of Turbines 4 – 12. Owing to the scale of the photograph no clear cropmarks can be identified apart from a defunct field boundary continuation close to Turbine 8 and possible cropmarks close to Turbine 6.
- 5.2.5 Plate 4 - RC8-GK 123. 30th May 1984. This vertical shot located at SK 81339 80745 shows the area of Turbines 3 – 12 and gives the same information as above.
- 5.2.6 RC8-GK 124. 30th May 1984. This vertical shot located at SK 81409 79799 shows the area of Turbine 3 – 12 and Cottam Power Station. No new sites are visible.
- 5.2.7 RC8-GK 207. 30th May 1984. This vertical shot located at SK 79981 79598 shows the area of Turbines 1 – 3 & 6 and shows only a defunct field boundary continuation in the area of Turbine 3.
- 5.2.8 RC8-GK 208. 30th May 1984. This vertical shot located at SK 79988 80607 shows the area of Turbines 1 – 7 (A1). Features observed previously are again visible although no new sites were noted.
- 5.2.9 RC8-GK 209. 30th May 1984. This vertical shot located at SK 80043 81431 shows the area of Turbines 2 – 7 (A1) and Turbines 10 - 12. Features observed previously are again visible although no new sites were noted.
- 5.2.10 Zkn-EV 122. 10th August 1995. This vertical shot located at SK 82187 80637 shows the area of Turbine 8. A defunct field boundary continuation is visible to the north of the

turbine location although the turbine itself appears located amongst a large curvilinear/subcircular cropmark.

6 The Field Walkover

- 6.1.1 Turbine 1. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material were noted underfoot in the general area of the proposed turbine.
- 6.1.2 Turbine 2. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material were noted underfoot in the general area of the proposed turbine.
- 6.1.3 Turbine 3. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material and pottery of unknown date were noted underfoot in the general area of the proposed turbine.
- 6.1.4 Turbine 4. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material were noted underfoot in the general area of the proposed turbine.
- 6.1.5 Turbine 5. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material were noted underfoot in the general area of the proposed turbine.
- 6.1.6 Turbine 6. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material were noted underfoot in the general area of the proposed turbine.
- 6.1.7 Turbine 7 (A1). The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material and pottery of unknown date were noted underfoot in the general area of the proposed turbine.
- 6.1.8 Turbine 8 – Plate 5. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material, pottery of Roman date and worked early Neolithic flint (Pannett, pers.comm) were noted underfoot in the general area of the proposed turbine.
- 6.1.9 Turbine 9. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material, pottery, clay pipe, glass and slate were noted underfoot in the general area of the proposed turbine. This material has been ploughed into the field in recent years after a spoil heap at ‘Muckhill corner’ (the corner in the road to the north west of turbine 9) was largely flattened (tenant farmer, Pers. Comm.)
- 6.1.10 Turbine 10. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material, pottery, clay pipe, glass and slate were noted underfoot in the general area of the proposed turbine. This material has been ploughed into the field in recent years after a spoil heap at ‘Muckhill corner’ (the corner in the road to the north west of turbine 9) was largely flattened (tenant farmer, Pers. Comm.)
- 6.1.11 Turbine 11. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material, pottery, clay pipe, glass and slate were noted underfoot in the general area of the proposed turbine. This material has been

ploughed into the field in recent years after a spoil heap at ‘Muckhill corner’ (the corner in the road to the north west of turbine 9) was largely flattened (tenant farmer, Pers. Comm.)

- 6.1.12 Turbine 12 – Plate 6. The area appears flat with no immediately obvious extant archaeological features. Fragments of ceramic building material, pottery, clay pipe, glass and slate were noted underfoot in the general area of the proposed turbine. This material has been ploughed into the field in recent years after a spoil heap at ‘Muckhill corner’ (the corner in the road to the north west of turbine 9) was largely flattened (tenant farmer, Pers. Comm.)

7 Discussion and Interpretation

7.1 Reliability of Field Investigation and Desk Top Assessment

- 7.1.1 The investigation was unhampered by any modern buildings with agricultural activity proving only a small obstacle to the field investigation.
- 7.1.2 Whilst a search of finds listed in the Nottinghamshire Portable Antiquities Scheme listed many finds as being in the ‘Cottam Area’ no specific grid references were available. It should be noted, therefore, that although no specific examples can be cited the likelihood of small finds existing within the development area is high.

7.2 Overall Interpretation

- 7.2.1 The area of proposed development appears to contain features and finds from various periods with an emphasis on the Roman period. This is somewhat unsurprising given the areas proximity to the Roman town of Littleborough (*Segelocum*). Whilst the information from the Archaeology Data Service tentatively suggests a villa site (Para 4.7.4) at SK 80040 80200 & SK 80210 80800 & 80780 80020 it should be noted that no firm evidence of a villa has been observed and that the suggestion is based solely on a series of cropmarked enclosures. Further investigation would be needed in order to establish this as a villa site rather than a series of enclosures.
- 7.2.2 Medieval activity is also evidenced by the presence of cropmarked defunct field systems as well as the presence in several areas of ridge and furrow cultivation. Historic settlement cores within the villages of Cottam, South Leverton, North Leverton with Habbleshthorpe as well as the Roman town of Littleborough (*Segelocum*) are likely to have been largely laid down in the Medieval period.
- 7.2.3 The majority of Post medieval activity is from the historic buildings located within the 3.5km search area. None of these, however, are located within the area of proposed development.
- 7.2.4 The area of proposed development seems to have been used for primarily agricultural purposes for at least the last 2000 years and even longer, possibly into the Iron Age.

7.3 Significance

- 7.3.1 The Field Walkover and Desktop Assessment have highlighted the presence of a range of archaeological features and finds in and around the area of proposed development dating primarily to the Roman, Medieval and Post Medieval periods with residual prehistoric material also present.

- 7.3.2 The archaeology of the proposed development area has the potential to be significant in nature. This is mainly due to the large amount of Roman activity centred around the town of Littleborough (*Segelocum*) and the associated Roman road to the north. However, given that proposed turbine and track locations can be adjusted so as to avoid archaeology a layout with a minimal impact should be sought.

8 Predicted impacts

- 8.1.1 Turbines 9 and 10 and their associated access tracks are close to several cropmarks identified by both the regional sites and monuments record and the Archaeology Data Service. Turbine 9 access track also appears to go through the field containing Spot no. 05038 (Cropmarked Enclosure, Linear feature, Ring ditch. Bronze/Iron Age) and possibly Spot no. 10 (Cropmarked Enclosures, Field System and Track way. Iron Age/Roman). The track also bisects Spot no. 05038a, a 1st – 4th century Roman finds scatter.
- 8.1.2 The Turbine 8 access track also appears to run over Spot no. 15, a Cropmarked medieval field boundary and trackway. This may be the cropmark identified as being close to the location of Turbine 8 in aerial photograph [Zkn-EV 122](#).
- 8.1.3 The field walkover also produced 3 worked prehistoric flints and 3 sherds of Roman pottery in the area of Turbine 8.
- 8.1.4 The main north – south trackway to the east of Turbine 3 and the east – west track to Turbine 1 appear to run in close proximity to a number of Spots marked no. 9. These are recorded by the Archaeology Data Service as various cropmarks including ditched enclosures, field systems and a trackway and are listed as being of likely Roman date.
- 8.1.5 Turbine 6 is in close proximity to Spot no. 05039a which is marked as a 2nd – 4th century Roman finds scatter.
- 8.1.6 Whilst the field walkover produced finds from the area of Turbine 8 it should be noted that material of unknown date, i.e. pottery, tile and other ceramic building material was scattered over the locations of all of the turbines and access tracks.

9 Proposals

- 9.1.1 Given that the Desk Based Assessment has located a relatively large amount of features within the area of proposed development it is recommended that further steps be taken to ensure the preservation and recording of the archaeological resource prior to any possible development.
- 9.1.2 In the first instance it is suggested that, subject to the area not being under crop, a systematic field walking program be undertaken in order to assess the distribution of further finds and features thus enabling a more targeted approach.
- 9.1.3 A geophysical survey, again subject to the area not being under crop, could target areas directly impacted by the proposed development i.e. Turbine locations and (subject to construction method) specific areas of track.
- 9.1.4 Depending upon the results of the geophysical survey a program of intrusive field evaluation may then be undertaken within specific areas. This would enable positive identification of unknown cropmarks as either archaeological or natural features.

10 Acknowledgements

- 10.1.1 Thanks to the extremely helpful staff at the Nottinghamshire Sites and Monuments Record and County Records Office for all their help in collating information.
- 10.1.2 Thanks are also due to Anja Rhodes of the Derby Museum for help with the Portable Antiquities Scheme data.

11 Bibliography and references

British Geological Survey, 1979. Geological Survey Ten Mile Map.

Design Manual for Roads & Bridges, 2007. Volume 11 Environmental Assessments, Section 3 Environmental Topics, Part 2 Cultural Heritage.

The Character of Nottinghamshire's Historic Landscape, 1997. Nottinghamshire County Council

Other sources consulted

Nottinghamshire Sites and Monuments Record:

Full search of all SMR data within a 3.5km radius of the centre of the proposed development area

Archaeology Data Service sites index:

Full search of sites listed within a 1km radius of the centre of the proposed development area

Envirocheck/Landmark mapping service:

1885-88	1:10560 Ordnance Survey Map
1886	1:2500 Ordnance Survey Map
1899	1:2500 Ordnance Survey Map
1900	1:10560 Ordnance Survey Map
1920	1:2500 Ordnance Survey Map
1921-22	1:10560 Ordnance Survey Map
1947	1:10560 Ordnance Survey Map
1956	1:10560 Ordnance Survey Map
1974	1:2500 Ordnance Survey Map
1978-80	1:10000 Ordnance Survey Map
1994	1:2500 Ordnance Survey Map
2007	1:10000 Ordnance Survey Map

Nottinghamshire County Records Office:

1796 Enclosure Map for Cottam and South Leverton

Portable Antiquities Recording Scheme (Nottinghamshire):

Rachel Atherton/Anja Rhodes (Derby Museum) – Portable Antiquities Scheme
recording officer (Derbyshire & Nottinghamshire)

Portable Antiquities Scheme finds database -
<http://www.findsdatabase.org.uk/hms/home.php?publiclogin=1> – accessed 22/10/2007

List of Air Photographs from National Monuments Record (Swindon)

RC8GK122	ZknEV122
BKR71	BKR73
RC8GK123	RC8GK124
RC8GK207	RC8GK208
RC8GK209	ZknEV113

Cottam Wind Farm, Nottinghamshire								
Impact Table								
Site Id no	NGR	Site Type	Source	Period	Value	Impact	Impact Magnitude	In Development Area
1	SK 81690 80670	Cropmark, Enclosure	ADS	Prehistoric?	Unknown	No Change	Neutral	No
2	SK 81460 80610	Cropmark, Enclosure	ADS	Prehistoric/Roman?	Unknown	No Change	Neutral	No
3	SK 81080 81620	Cropmark, Trackway	ADS	Med/Post Med	Low	Minor	Slight	Yes
4	SK 81800 80420	Cropmark, Field Boundary	ADS	Unknown	Unknown	No Change	Neutral	No
5	SK 80860 81910	Cropmark, Field System	ADS	Iron Age/Roman	Medium	No Change	Slight	Yes
6	SK 81400 83010 to SK 81760 82850	Cropmark, Roman Road, Field systems and Pits	ADS	Roman	Medium	No Change	Neutral	No
7	SK 820 814	2 Carved Saxon Stones	ADS	Early Medieval	Low	No Change	Neutral	No
8	SK 821 826	2 Carved Roman Stones	ADS	Roman	Low	No Change	Neutral	No
9	SK 80040 80200 SK 80210 80800	Cropmarked Enclosures, Field System, Trackway, Villa? And	ADS	Roman	Medium	Minor	Slight	Yes
	SK 80780 80020	Ditched Enclosures						
10	SK 80550 81480 SK 80680 80550	Cropmarked Enclosures, Field System, Trackway	ADS	Iron Age/Roman	Medium	Minor	Slight	Yes
11	SK 815 821	Findspot, Flint Scraper (Tool)	ADS	Bronze Age	Low	No Change	Neutral	No
12	SK 818 798	Railway Station	ADS	Modern	Negligible	No Change	Neutral	No
13	SK 78880 81490	Site of Windmill	ADS	Post Medieval	Low	No Change	Neutral	No
14	SK 81120 80160	Cropmark, Enclosure	ADS	Unknown	Unknown	No Change	Neutral	No
15	SK 81150 80780 to SK 81330 81100	Cropmark, Field Boundary & Trackway	ADS	Medieval	Low	Minor	Slight	Yes
16	SK 81530 80490 to SK 81670 80650	Cropmark, Enclosure, Hut Circle, Settlement, Trackway	ADS	Prehistoric	Medium	No Change	Neutral	No
17	SK 82 82	Littleborough (Segelocum) Roman Town, Multiple Features	ADS	Roman	Medium	No Change	Neutral	No
18	SK 82 82	Littleborough (Segelocum) Road, Flood Defences	ADS	Roman & Post Medieval	Medium	No Change	Neutral	No
19	SK 82 80	Roman Finds	ADS	Roman	Low	No Change	Neutral	No
20	SK 82 82	Drainage around St. Nicholas Church, Littleborough, revealed	ADS	Roman, Medieval	Low	No Change	Neutral	No
		Inhumation		Post Medieval				
22	SK 79390 82360	Site of Ruinous Church (1743)	ADS	Med/Post Med	Low	No Change	Neutral	No
23	SK 80 80	3rd Century Roman Coins Findspot	ADS	Roman	Low	No Change	Neutral	No
O4985	SK 78500 82000	Deserted Village	SMR	Medieval	Medium	No Change	Neutral	No
O5038	SK 8110 8140	Cropmark, Enclosure, Ring Ditch	SMR	Prehistoric	Medium	Minor	Slight	Yes
O4698	SK 8203 7874	Iron Age/Roman Settlement	SMR	Prehistoric/Roman	Medium	No Change	Neutral	No
O4688	SK 7805 7990	Cropmark, Enclosure	SMR	Unknown	Unknown	No Change	Neutral	No
O5034	SK 8240 8248	Roman Findspot	SMR	Roman	Low	No Change	Neutral	No
O5036	SK 8110 8205	Cropmark, Enclosure	SMR	Unknown	Unknown	No Change	Neutral	No
O5038a	SK 8100 8130	1st - 4th Century Roman Finds	SMR	Roman	Low	Minor	Slight	Yes

O5035	SK 8260 8260	1st - 2nd Century Roman Finds	SMR	Roman	Low	No Change	Neutral	No
O4193	SK 7880 8030	Cropmark	SMR	Unknown	Unknown	No Change	Neutral	No
O4986	SK 7843 8294	3rd Century Roman Findspot	SMR	Roman	Low	No Change	Neutral	No
O4697	SK 8155 7855	Medieval Moat Earthwork	SMR	Medieval	High	No Change	Neutral	No
O4736	SK 8274 7878	Wharf, Jetty	SMR	Post Med	Low	No Change	Neutral	No
O5855	SK 8270 7880	Prehistoric Findspot	SMR	Prehistoric	Low	No Change	Neutral	No
O5032	SK 8205 8270	Cropmark	SMR	Unknown	Unknown	No Change	Neutral	No
O5001	SK 8210 8260	Roman Findspot	SMR	Roman	Low	No Change	Neutral	No
O5040	SK 8050 8030	Cropmark	SMR	Unknown	Unknown	Minor	Slight	Yes
O5039	SK 8080 8090	Cropmark	SMR	Unknown	Unknown	Minor	Slight	Yes
O5039a	SK 8090 8100	2nd - 4th Century Roman Finds	SMR	Roman	Low	Minor	Slight	Yes
O5037	SK 8090 8180	Cropmark, Enclosure	SMR	Unknown	Unknown	Minor	Slight	Yes
O5041	SK 8150 8210	Bronze Age Findspot	SMR	Bronze Age	Low	No Change	Neutral	No
O5868	SK 8032 8154	Neolithic Findspot	SMR	Neolithic	Low	No Change	Neutral	No
O5884	SK 8245 8253	3rd - 4th Century Roman Finds	SMR	Roman	Low	No Change	Neutral	No
O4983	SK 7800 8060	Neolithic Findspot	SMR	Neolithic	Low	No Change	Neutral	No
O4984	SK 7800 8100	Neolithic Findspot	SMR	Neolithic	Low	No Change	Neutral	No
O5033	SK 8230 8280	Roman Finds, Features, Excavation	SMR	Roman	High	No Change	Neutral	No
O6043	SK 7980 8390	20th Century Bomb Crater	SMR	WW2	Negligible	No Change	Neutral	No
O6779	SK 7986 7900	Earthwork	SMR	Unknown	Unknown	No Change	Neutral	No
O6780	SK 7957 7877	Earthwork	SMR	Unknown	Unknown	No Change	Neutral	No
O6781	SK 7863 7927	Chapel, documentary reference	SMR	Post Med	Unknown	No Change	Neutral	No
O6782	SK 7982 7759	Earthwork Bank	SMR	Unknown	Unknown	No Change	Neutral	No
O6162	SK 7880 7950	Various Earthworks incl. Ridge & Furrow, Holloway and Bank	SMR	Unknown	Unknown	No Change	Neutral	No
O6163	SK 7800 7900	Ridge & Furrow + Ditch	SMR	Unknown	Unknown	No Change	Neutral	No
O6167	SK 7990 7830	Ridge & Furrow + Ditch	SMR	Unknown	Unknown	No Change	Neutral	No
O6172	SK 7940 8400	Earthworks incl. Hollow & Mound	SMR	Unknown	Unknown	No Change	Neutral	No
O6171	SK 7910 8380	Earthworks incl. Hollow & Mound	SMR	Unknown	Unknown	No Change	Neutral	No
O4696	SK 7830 7940	Earthwork Ditch, Building	SMR	Unknown	Unknown	No Change	Neutral	No
O5739	SK 7785 7940	Earthwork, Holloway, Quarry	SMR	Unknown	Unknown	No Change	Neutral	No
O6169	SK 7860 8120	Earthworks incl. ridge & furrow Bank, Ditch	SMR	Unknown	Unknown	No Change	Neutral	No
O6173	SK 7970 8400	Earthworks incl. ridge & furrow Bank, Ditch	SMR	Unknown	Unknown	No Change	Neutral	No
O6168	SK 7970 7840	Earthwork Moat	SMR	Medieval	Medium	No Change	Neutral	No
O6052	SK 7970 8000	Ridge & Furrow	SMR	Unknown	Unknown	No Change	Neutral	No
O6166	SK 8040 7840	Earthworks incl. ridge & furrow Holloway, Bank	SMR	Unknown	Unknown	No Change	Neutral	No
O6965	SK 7930 8375	Earthwork and Cropmark, Ridge & Furrow & Enclosure	SMR	Unknown	Unknown	No Change	Neutral	No
O6966	SK 7840 8240	Ridge & Furrow Earthworks	SMR	Unknown	Unknown	No Change	Neutral	No
O6967	SK 7865 8160	Ridge & Furrow Earthworks	SMR	Unknown	Unknown	No Change	Neutral	No
O6170	SK 7855 8110	Holloway, Hollow & Mound	SMR	Unknown	Unknown	No Change	Neutral	No
O6069	SK 7900 8290	Boundary Earthwork + Ridge and Furrow	SMR	Unknown	Unknown	No Change	Neutral	No
O6070	SK 7840 8060	Ridge & Furrow	SMR	Unknown	Unknown	No Change	Neutral	No

1.12.2	SK 81830 80070	Church of Holy Trinity, Cottam	SMR HB	12th Century	Medium	No Change	Neutral	No
1.12.3	SK 81828 80067	Font at Holy Trinity, Cottam	SMR HB	14th Century	Low	No Change	Neutral	No
1.39.1	SK 78711 82259	Church of St. Martin, Habbleshthorpe	SMR HB	12th Century	Medium	No Change	Neutral	No
1.39.2	SK 78747 82197	Sundial House, Habbleshthorpe	SMR HB	18th Century	Low	No Change	Neutral	No
1.39.3	SK 78856 82166	Yew Tree Farmhouse, Habbleshthorpe	SMR HB	18th Century	Low	No Change	Neutral	No
1.39.4	SK 78792 82186	Pigeoncote at Sundial House	SMR HB	18th Century	Negligible	No Change	Neutral	No
1.39.5	SK 79308 82273	Prebendary Farmhouse, Habbleshthorpe	SMR HB	18th Century	Low	No Change	Neutral	No
1.39.7	SK 79275 82178	Habbleshthorpe Manor House	SMR HB	17th Century	Medium	No Change	Neutral	No
1.39.8	SK 78470 82157	The Farm, Habbleshthorpe	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.10	SK 77506 82022	North Leverton Windmill	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.11	SK 77492 81998	Windmill Cottage	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.12	SK 78276 82160	North Leverton Manor House	SMR HB	18th Century	Low	No Change	Neutral	No
1.39.14	SK 78479 82112	Ivy House, Leverton	SMR HB	17th Century	Low	No Change	Neutral	No
1.39.15	SK 78507 82118	Corner Farmhouse & Adjoining Farm Buildings, Leverton	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.20	SK 78439 82122	The Toppings & Stable, Leverton	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.21	SK 78455 82116	Pigeoncote at The Toppings	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.39.22	SK 78425 82122	Cottage West of The Toppings	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.23	SK 78387 82143	Gainsborough House, Leverton	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.26	SK 78876 82117	Barn at Yew Tree Farm	SMR HB	18th Century	Low	No Change	Neutral	No
1.39.27	SK 78878 82139	Cow House with Stable & Pigeoncote, Yew Tree Farm	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.39.28	SK 79095 82201	Chapel House	SMR HB	18th Century	Low	No Change	Neutral	No
1.39.29	SK 78530 81971	White Lodge & Outbuildings	SMR HB	18th Century	Low	No Change	Neutral	No
1.39.30	SK 78511 82235	Former Wesleyan Sunday School	SMR HB	19th Century	Low	No Change	Neutral	No
1.39.31	SK 79190 82194	Farmhouse & Waterpump West of Habbleshthorpe Manor	SMR HB	18th Century	Low	No Change	Neutral	No
1.43.1	SK 79949 78578	Church of All Saints	SMR HB	Early Medieval	Medium	No Change	Neutral	No
1.43.5	SK 80001 78578	Manor Farmhouse & attached Outbuilding & Wall	SMR HB	18th Century	Low	No Change	Neutral	No
1.43.6	SK 79977 78577	Gateway from Manor Farm to Churchyard and Walls	SMR HB	16th Century	Medium	No Change	Neutral	No
1.43.7	SK 79910 78560	Gateway 19m West of Church	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.43.10	SK 80080 78571	The Cottage, Rose Cottage & No. 3 Torksey Street	SMR HB	18th Century	Low	No Change	Neutral	No
1.48.1	SK 78339 81103	Church of All Saints	SMR HB	12th Century	Medium	No Change	Neutral	No
1.48.3	SK 78282 81088	Diamond House	SMR HB	17th Century	Low	No Change	Neutral	No
1.48.5	SK 78194 81186	The Priory	SMR HB	12th Century	Medium	No Change	Neutral	No
1.48.6	SK 78267 81157	Church Farm Cottage	SMR HB	18th Century	Low	No Change	Neutral	No
1.48.7	SK 78481 81013	The White House	SMR HB	19th Century	Low	No Change	Neutral	No
1.48.8	SK 78875 81142	New Farmhouse and Stable	SMR HB	18th Century	Low	No Change	Neutral	No
1.48.9	SK 78309 80971	Methodist Chapel	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.48.10	SK 78186 80743	Meeting House	SMR HB	17th Century	Low	No Change	Neutral	No
1.48.11	SK 78208 80735	Barn at Meeting House	SMR HB	18th Century	Low	No Change	Neutral	No
1.48.12	SK 78191 81211	Outbuilding 20m N of Priory	SMR HB	19th Century	Low	No Change	Neutral	No
1.48.14	SK 78862 81156	Barn & Pigeoncote at New Farm	SMR HB	18th Century	Negligible	No Change	Neutral	No

1.48.15	SK 78666 81085	Green Cottage	SMR HB	17th Century	Low	No Change	Neutral	No
1.48.16	SK 78784 81037	Holly Farmhouse	SMR HB	18th Century	Low	No Change	Neutral	No
1.48.18	SK 78401 81164	Pigeoncote at White's Farm	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.48.19	SK 78422 81219	Cartshed with Granary Over, White's Farm	SMR HB	19th Century	Low	No Change	Neutral	No
1.51.1	SK 78343 84528	Crow Tree Farmhouse	SMR HB	17th Century	Low	No Change	Neutral	No
1.51.2	SK 78664 84523	Crown Cottage	SMR HB	18th Century	Low	No Change	Neutral	No
1.51.3	SK 78797 83867	Church of St. Peter & St. Paul	SMR HB	12th Century	Medium	No Change	Neutral	No
1.51.9	SK 79177 83043	Manor Farm House	SMR HB	17th Century	Low	No Change	Neutral	No
1.51.11	SK 82488 82544	Ferry House	SMR HB	19th Century	Low	No Change	Neutral	No
1.51.13	SK 82453 82618	Church of St. Nicholas	SMR HB	11th Century	Medium	No Change	Neutral	No
1.51.14	SK 78794 83936	Church Farm House	SMR HB	18th Century	Low	No Change	Neutral	No
1.51.16	SK 78642 84251	Cross Street Cottage and Outhouse	SMR HB	18th Century	Low	No Change	Neutral	No
1.51.17	SK 78609 84256	Barn & Stable at Cross Street Cottage	SMR HB	19th Century	Low	No Change	Neutral	No
1.51.18	SK 81476 83076	Littleborough Cottage	SMR HB	19th Century	Low	No Change	Neutral	No
1.51.19	SK 79099 83967	The Manor House	SMR HB	17th Century	Low	No Change	Neutral	No
1.51.20	SK 79115 83974	Stable at Manor House	SMR HB	18th Century	Negligible	No Change	Neutral	No
1.51.21	SK 79111 83993	Stable at Manor House	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.51.25	SK 78664 84510	Boundary wall, Railing & Gate at Crown Cottage	SMR HB	18th Century	Negligible	No Change	Neutral	No
1.51.26	SK 78674 84523	Wesleyan Chapel, Wall & Railing	SMR HB	19th Century	Low	No Change	Neutral	No
1.51.27	SK 78685 84492	Mayflower House & Outhouse	SMR HB	18th Century	Low	No Change	Neutral	No
1.51.28	SK 78600 83851	Pigeoncote & Barn to West of Church Hill Farmhouse	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.51.29	SK 78256 84039	West End Farmhouse & Wash house	SMR HB	18th Century	Low	No Change	Neutral	No
1.55.1	SK 78156 79392	Church of St. John the Baptist	SMR HB	13th Century	Medium	No Change	Neutral	No
1.55.2	SK 78163 79291	Church Farmhouse	SMR HB	18th Century	Low	No Change	Neutral	No
1.55.6	SK 78700 79422	Pigeoncote at Brookside Farm	SMR HB	18th Century	Negligible	No Change	Neutral	No
1.51.22	SK 79120 83950	Culvert, Boundary wall, Fence & Gate; Manor House	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.51.23	SK 79089 83923	Culvert, Gate and Gate Piers at Manor House	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.51.24	SK 79100 83949	Four Pillars 10m South of Manor House	SMR HB	17th Century	Low	No Change	Neutral	No
1.51.15	SK 78779 83910	Boundary Wall at Church of St. Peter and St. Paul	SMR HB	19th Century	Negligible	No Change	Neutral	No
1.48.21	SK 78466 81189	Cottage & Farm Buildings	SMR HB	19th Century	Low	No Change	Neutral	No
1.48.20	SK 78411 81186	Stables, Cowsheds & Bull pens	SMR HB	19th Century	Low	No Change	Neutral	No

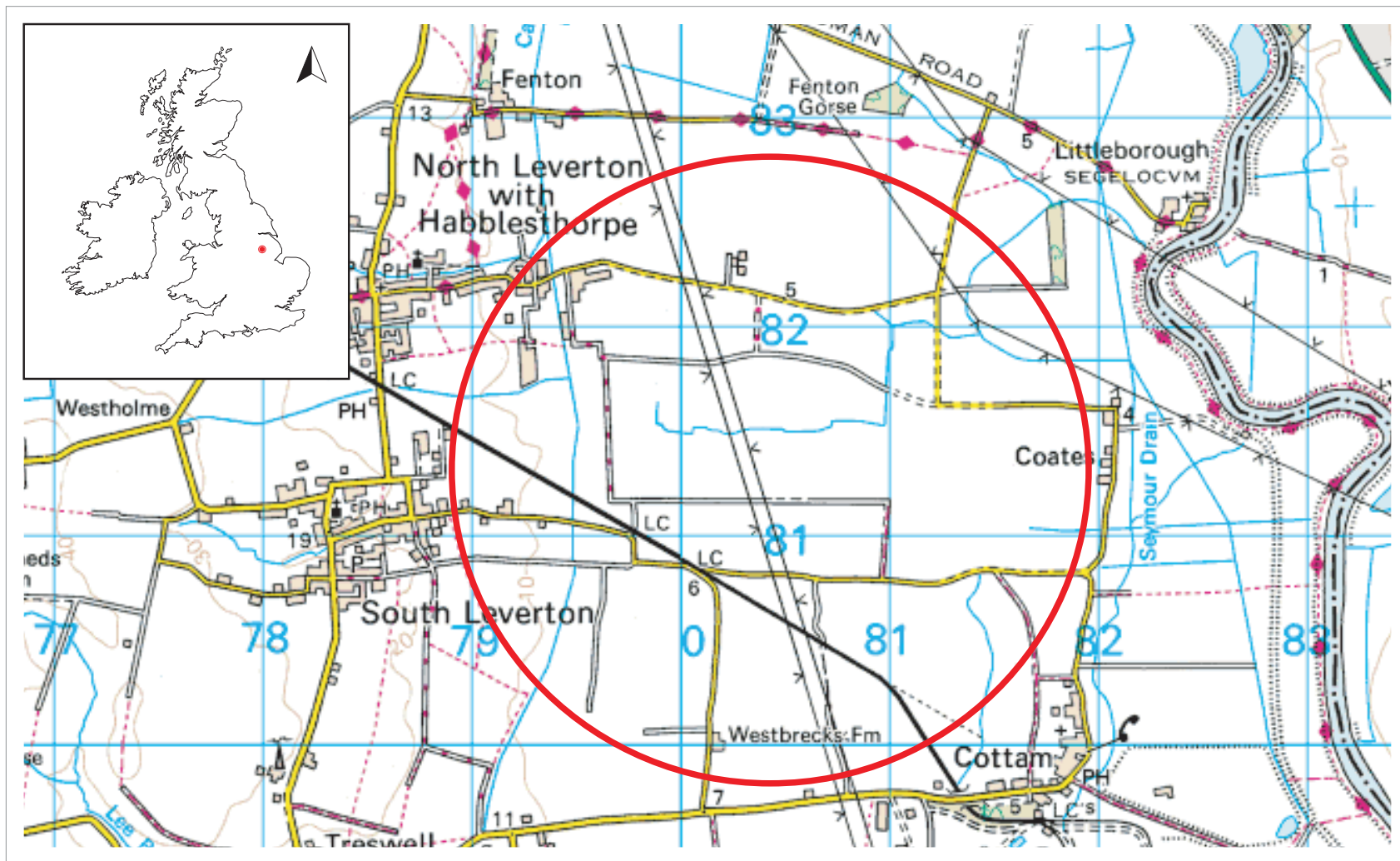
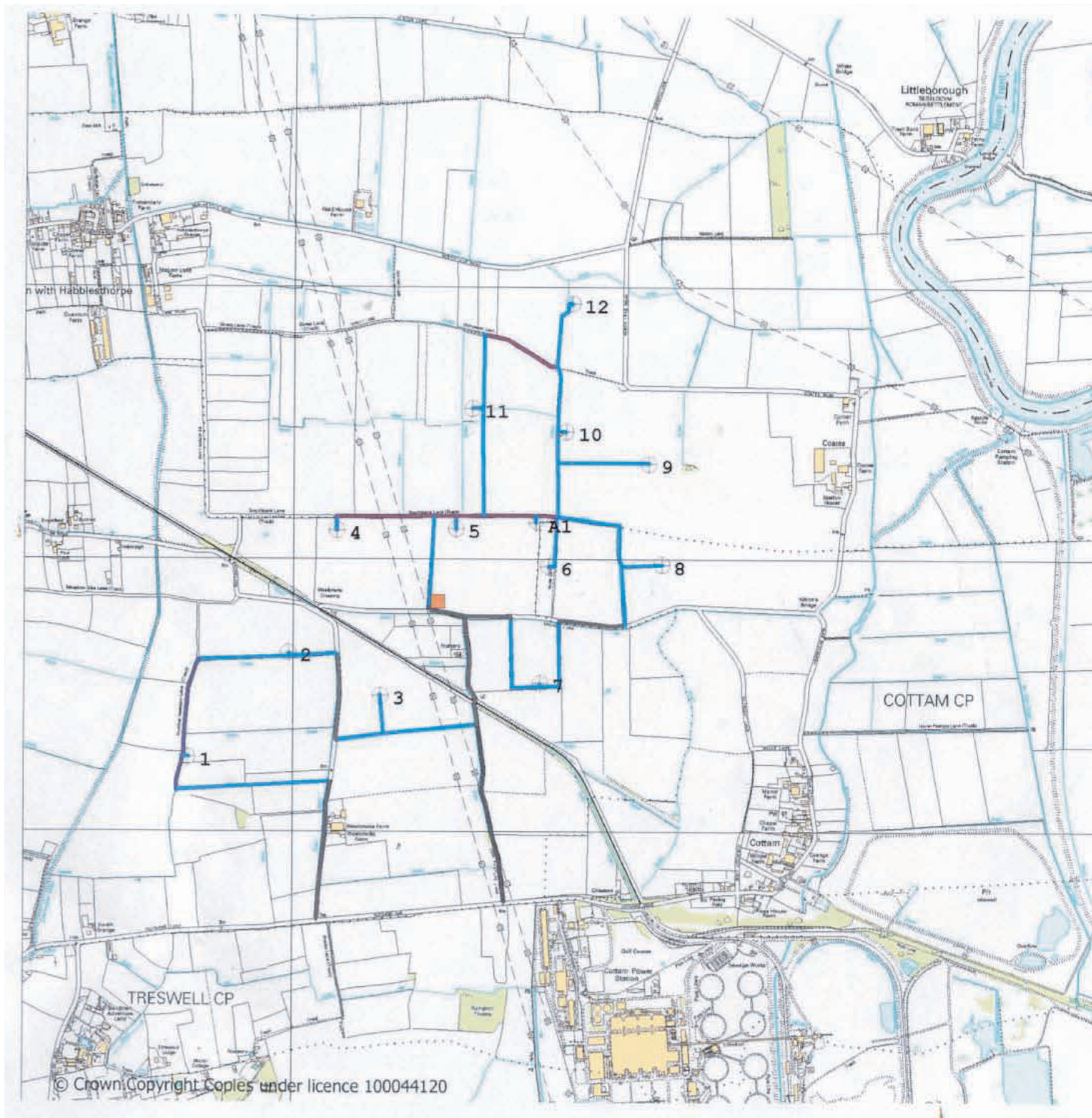


Fig 01: Map showing location of assessment area



engena

The Cottam Wind Energy Project

Prepared on behalf of:

Prowind








-  n Proposed Turbine Position
-  A1 Meteorological Mast
-  Substation
-  Existing Track
-  Upgraded Track
-  New Track
-  Temporary Construction Compound

Figure 2

Schematic Site
Layout

scale 1:15 000

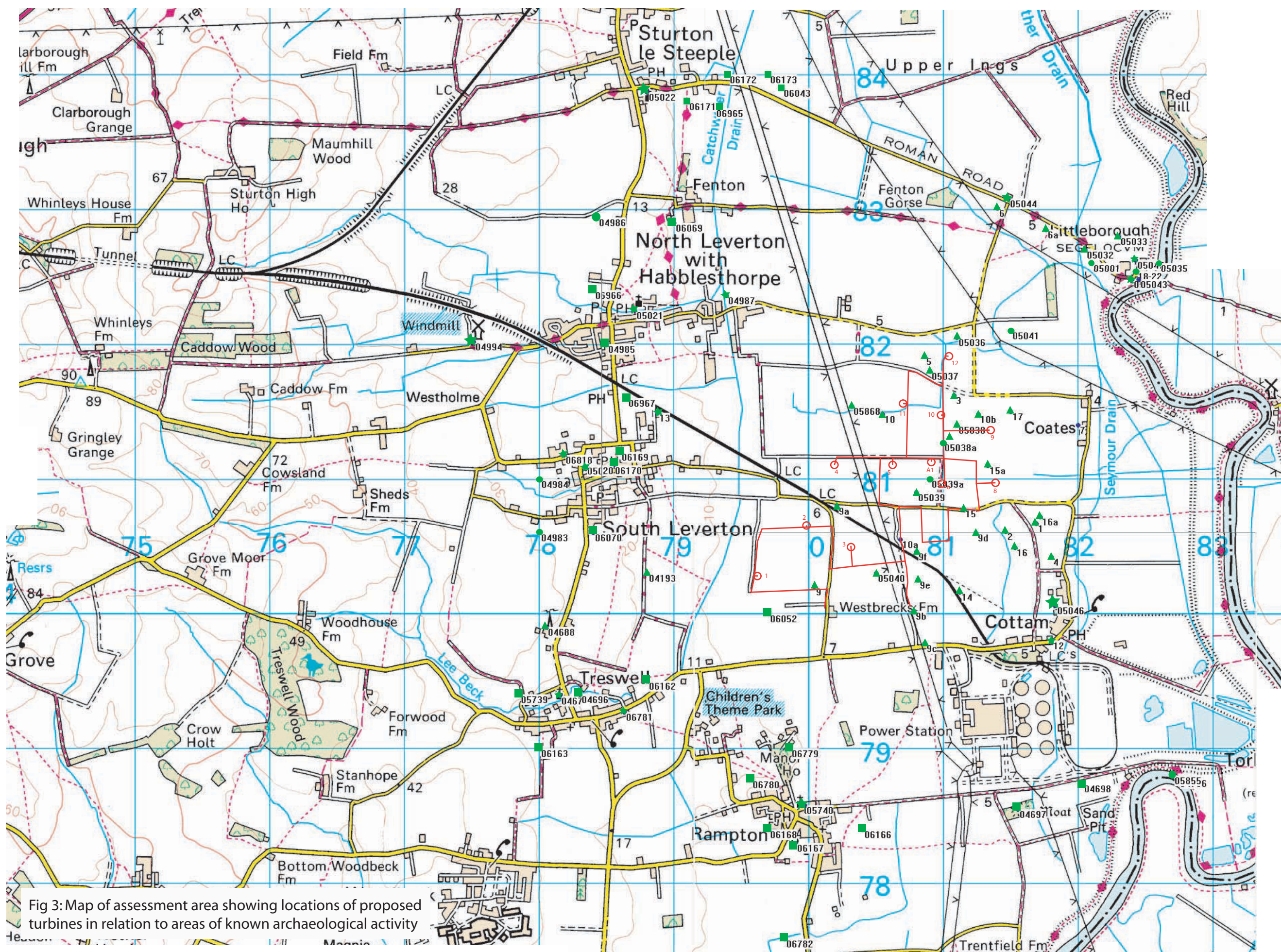


Fig 3: Map of assessment area showing locations of proposed turbines in relation to areas of known archaeological activity



Fig 4: 1796 Enclosure map of Cottam and South Leverton showing strip field patterns in the areas of Turbines 1 - 8



Fig 5: 1885 1st Edition Ordnance Survey map with proposed locations of Turbines overlaid in red



Fig 6: 1900 2nd Edition Ordnance Survey map with proposed locations of Turbines overlaid in red



Fig 7: 1921-22 3rd Edition Ordnance Survey map with proposed locations of Turbines overlaid in red



Fig 8: 1947 Edition Ordnance Survey map with proposed locations of Turbines overlaid in red



Fig 9: 1956 Edition Ordnance Survey map with proposed locations of Turbines overlaid in red



Fig 10: 1978-80 Edition Ordnance Survey map with proposed locations of Turbines overlaid in red



Fig 11: 2007 Edition Ordnance Survey map with proposed locations of Turbines overlaid in red

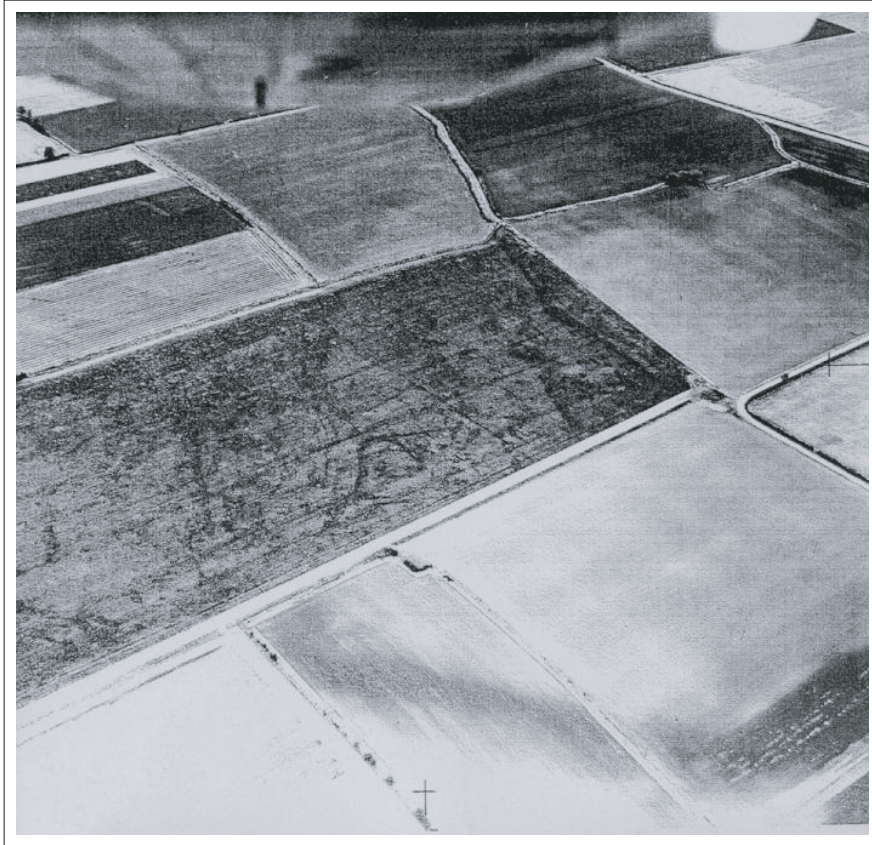


Plate 1: BKR 71 - Cropmarks close to Turbine 9



Plate 2: BKR 73 - Cropmarks close to Turbine 9



Plate 3: RC8-GK 122 - Aerial Photograph showing the areas of turbines 4 - 12 plus faint cropmarks close to turbines 8 and 6

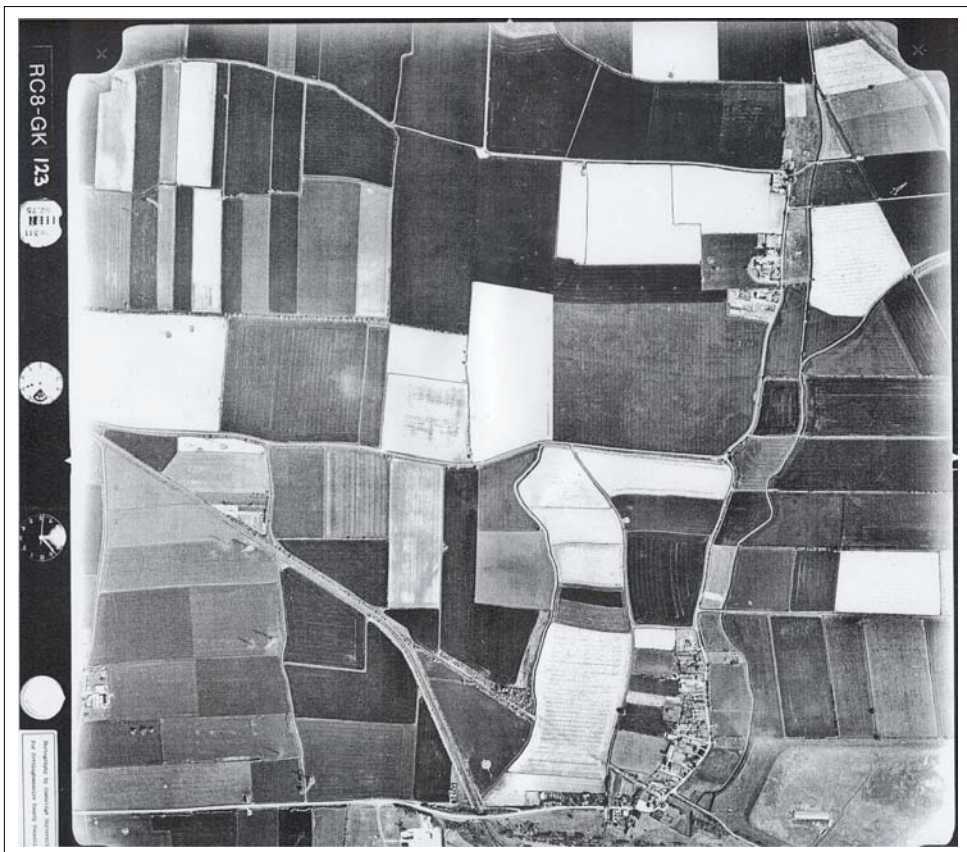


Plate 4: RC8-GK 123 - Aerial Photograph showing the areas of turbines 3 - 12 plus faint cropmarks close to turbines 8 and 6



Plate 5: View of general area of Turbine 8, Looking north west towards West Burton power station



Plate 6: View of general area of Turbine 12, taken from 'Muckhill Corner' looking north west towards West Burton power station

ARCHIVE COVER SHEET

Cottam, Nottinghamshire

Site Name:	Cottam Wind Farm
Site Code:	CWF/07/DBA
PRN:	-
NPRN:	-
SAM:	-
Other Ref No:	Report No. 491
NGR:	SK 805140 808350
Site Type:	Rural/Agricultural
Project Type:	Desk Based Assessment
Project Officer:	Chris E Smith
Project Dates:	November 2007
Categories Present:	Multi Period
Location of Original Archive:	CAPLtd
Location of duplicate Archives:	-
Number of Finds Boxes:	None
Location of Finds:	-
Restrictions to access:	None
Museum Reference:	-
Copyright:	CAPLtd



Cambrian Archaeological Projects Ltd
Old Chapel
Llanidloes
Montgomeryshire
SY18 6JR

Telephone: 01686 413857 / Fax: 01686 411280
e-mail: info@cambrian-archaeology.co.uk