LAND WEST OF RATBY, LEICESTERSHIRE

RESPONSE TO CONSULTEE COMMENTS

Introduction

This response has been prepared in relation to comments on planning application 24/00914/OUT, provided by Mr William Kelly, Senior Planning Archaeologist (SPA) at Leicestershire County Council (dated 30th October 2024). This response focuses on the SPA comments regarding the ridge and furrow earthworks within the Site, which were identified and assessed within a Historic Environment Desk-Based Assessment (HEDBA) submitted alongside the planning application (Cotswold Archaeology 2024). A response is also offered regarding the scope of further surveys to inform an understanding of buried archaeological remains with in the Site.

In addressing the SPA's concerns with regard to the ridge and furrow, further assessment has been carried out to provide additional detail and context to the earthworks, examining the survival of ridge and furrow within the wider historic parish of Ratby. This is presented in a standalone Ridge and Furrow Assessment and is appended to this response.

Response to SPA comments

The SPA's comments refer to the ridge and furrow earthworks within the Site as 'significant and increasingly scarce remains', and recommends the scheme is redesigned to allow their retention in situ within areas of public open space. While the comments do acknowledge the HEDBA in relation to the archaeological potential within the Site, no reference is made to the Ridge and Furrow Assessment presented in Section 4 of the HEDBA, which concluded that the earthworks are of limited interest overall. The Ridge and Furrow Assessment was conducted in accordance with the methodology set out in *Turning the Plough* (Northamptonshire County Council 2001), which represents the only published methodology specifically designed for the evaluation of the significance of ridge and furrow earthworks.

The additional research presented within the Ridge and Furrow Assessment, appended here, has enabled a more complete understanding of the earthworks within the Site as an element of the wider medieval open field system within the historic parish and township of Ratby. This concluded that although some of the surviving earthworks within the Site are clearly defined and appreciable (good condition), these represent only a small proportion (14%) of the total surviving ridge and furrow (in good condition) within the historic parish. However, the overall

quality of the surviving ridge and furrow within Ratby is poor and unexceptional when considered against the assessment criteria of Turning the Plough. The former extent of the medieval open field system with Ratby is poorly documented, but examination of aerial photographs and LiDAR imagery indicates that there has been considerable loss, mainly as a result of modern ploughing. Consequently, the remaining ridge and furrow across the parish survives in a fragmentary state, with limited coherence.

In recommending that the ridge and furrow within the Site is retained in situ, the SPA does not present any clear justification or methodology to support this point. The detailed assessment presented in here demonstrates that, while the earthworks within the Site are judged to be in good condition, this is relative to the low calibre of the ridge and furrow across the parish as a whole. They are not an especially fine example of ridge and furrow, exhibiting few unique or well-presented features, and are of low significance according to the Turning the Plough assessment criteria as well as in broader heritage terms. Some of the surviving earthworks are, essentially, a non-designated heritage asset which contributes to some wider landscape value though their relationship with the settlement and, correspondingly, an element of the setting of the Conservation Area, but the overall significance of the features is limited.

In regard to the scope for further archaeological work to inform the application, a Written Scheme of Investigation (WSI) will be prepared for agreement with the SPA. This will comprise an earthwork survey of surviving ridge and furrow earthworks prior to a programme of trial trenching within the land parcels proposed for residential development.

Conclusions

The recommendation by the SPA to redesign the scheme in order to retain the features in situ is not justified by the findings of the comprehensive and robust assessment of the ridge and furrow earthworks presented within the HEDBA and the additional Ridge and Furrow Assessment. These assessments, undertaken in line with industry-standard guidance for the assessment of ridge and furrow, have established that the earthworks are not exemplary and are of are only limited heritage significance. When considered within the wider context of Ratby parish, the earthworks do represent some of the better surviving earthworks, but this reflective of the fragmentary and poor quality of remnant ridge and furrow earthworks within the parish as a whole.

The proposed development would result in the removal of a proportion (4.6ha) of the ridge and furrow surviving within Ratby parish and in 'good condition'. These could be identified as a non-designated heritage asset. This asset is of limited significance, and this limited loss should be considered in the planning balance, in line with paragraph 216 of the NPPF. The proposed earthwork survey will further enhance the record of the ridge and furrow earthworks within the Site, and provides an appropriate and proportionate form of mitigation for such non-designated heritage assets of limited significance.

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Senior Heritage Consultant

Cotswold Archaeology
10 February 2025

Cotswold Archaeology

Land West of Ratby Leicestershire

Ridge and Furrow Assessment

Report prepared for:
Lagan Homes

CA Project: MK1195

CA Report: MK1195_1

February 2025

Andover Cirencester Milton Keynes Suffolk

Land West of Ratby
Leicestershire

Ridge and Furrow Assessment

CA Project: MK1195

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CONTENTS

1. INTRODUCTION....4

2. METHODOLOGY....6

3. HISTORICAL CONTEXT....10

4. RIDGE AND FURROW ASSESSMENT....14

5. CONCLUSIONS....29

6. REFERENCES....30

ANNEX 1: AERIAL PHOTOGRAPHS VIEWED AT THE HISTORIC ENGLAND ARCHIVES, SWINDON....32

ILLUSTRATIONS

Fig. 1 Site Location Plan
Fig. 2 Medieval Landscape Elements within Ratby Historic Parish
Fig. 3 LiDAR Imagery for Ratby Historic Parish, showing degree of preservation of Ridge and Furrow
Fig. 4 LiDAR Imagery for the Site, showing degree of preservation of Ridge and Furrow
Fig. 5 Ridge and Furrow parcel within the south of the Site (Area 2)

PHOTOGRAPHS

Photo 1 Ridge and furrow earthworks within the southern part of the Site, facing south-west
Photo 2 Ridge and furrow earthworks within the southern part of the Site, facing east
Photo 3 Ridge and furrow earthworks within the southern part of the Site, viewed from the west
Photo 4 Ridge and furrow earthworks within the southernmost part of the Site, viewed from the bridleway to the south

SUMMARY

Project Name: Land west of Ratby
Location: Ratby, Hinckley, Leicestershire
NGR: 450700, 305950

In November 2024 Cotswold Archaeology was commissioned by Lagan Homes to undertake an assessment of ridge and furrow earthworks at land west of Ratby, Hinckley, Leicestershire. This assessment responds to comments received from Mr William Kelly, Senior Planning Archaeologist at Leicestershire County Council and provides further information regarding the wider context of the ridge and furrow within the Site, enabling a better understanding of its significance as a surviving element of the medieval open field system within Ratby historic parish.

The earthworks within the Site have been assessed in accordance with the methodology recommended in *Turning the Plough* (Northamptonshire County Council 2001). It is very unlikey that the parish of Ratby would qualify as a 'priority township' under the criteria set out in *Turning the Plough*, and the earthworks specifically within the Site are considered to be of limited heritage significance, representing the isolated earthworks remains of a now much-fragmented example of medieval to early post-medieval open field systems. While some of the earthworks within the Site represent an example of the better surviving earthworks within Ratby parish, they nontheless score poorly against the assessment criteria (a total score of 16 out of a possible 63).

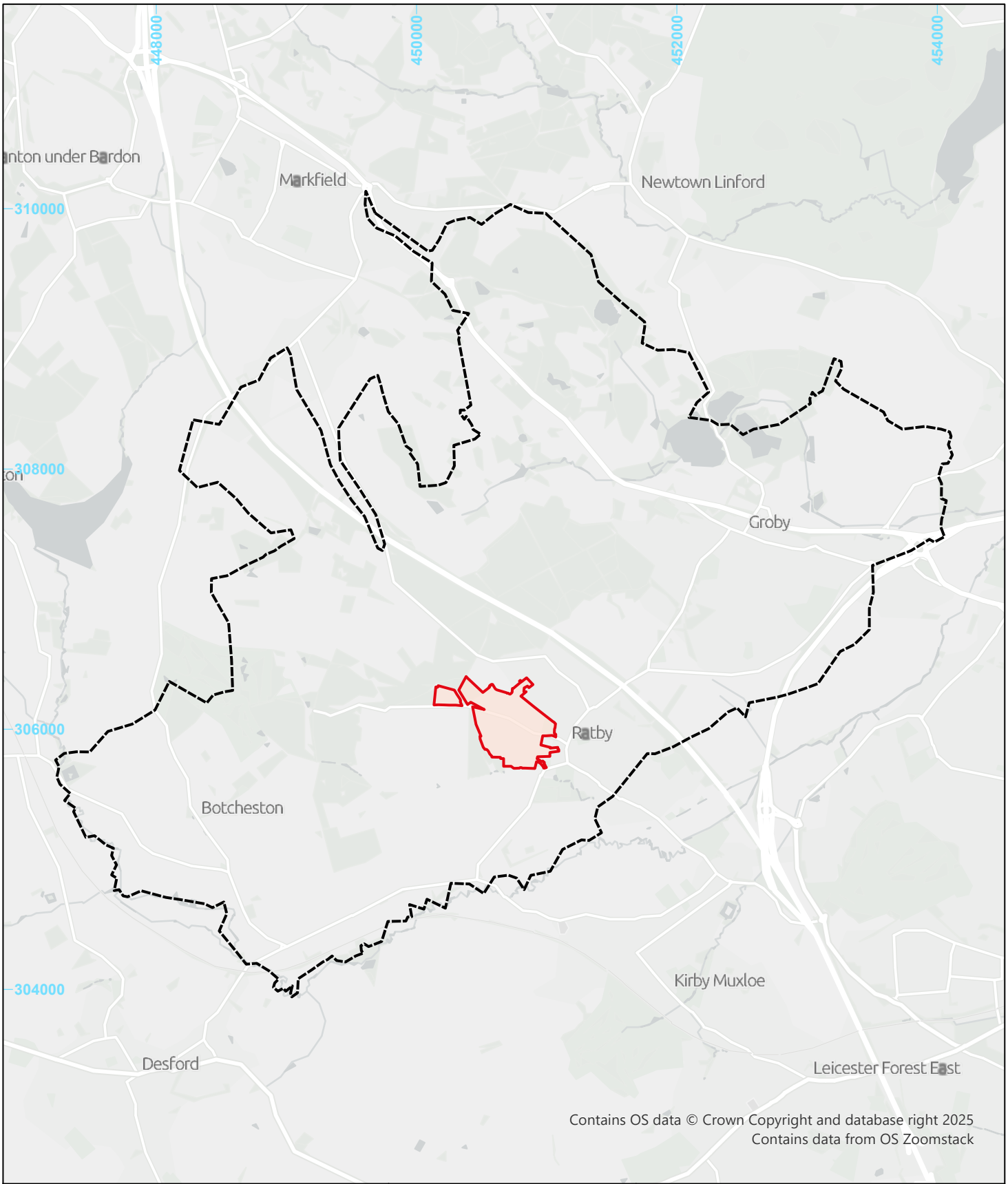
The proposed development within the Site would result in the loss of c. 4.6ha of remnant ridge and furrow earthworks in a 'good condition', out of a recorded c .44ha total of surviving ridge and furrow within the parish of Ratby recorded by walkover survey reported here. These features can be identified as non-designated heritage assets of limited interest (significance). Thus, this limited harm to a non-designated heritage asset of limited significance needs to be weighed in the planning balance (as per paragraph 216 of the NPPF).

1. INTRODUCTION

1.1. In November 2024 Cotswold Archaeology was commissioned by Lagan Homes to undertake an assessment of ridge and furrow earthworks at land west of Ratby, Hinckley, Leicestershire (hereafter, 'the Site'; Fig. 1). The assessment responds to comments from Mr William Kelly, Senior Planning Archaeologist at Leicestershire County Council and follows on from a previous historic environment desk-based assessment (HEDBA) for the Site (Cotswold Archaeology 2024), which was prepared to support a recently submitted planning application for a mixed-use development (Hinckley and Bosworth Borough Council application ref. 24/00914/OUT).

1.2. The Site comprises 32.5ha of agricultural land, with earthworks of former ridge and furrow cultivation recorded within fields in the north-east, north-west and, mainly, central and southern parts. An assessment of these earthworks, undertaken in line with the criteria outlined in Turning the Plough (Northamptonshire County Council 2001), was presented in the original HEDBA. Comments received on the planning application by Mr William Kelly, Senior Planning Archaeologist at Leicestershire County Council (dated 30 October 2024) drew attention to the ridge and furrow earthworks within the Site, stating 'it is recommended that the loss of these significant and increasing scarce remains is given due consideration'. Mr Kelly's comments went further by recommending that the masterplan be altered, with certain land parcels to be retained as open space within new development to prevent the loss of these ridge and furrow earthworks

1.3. In response to Mr Kelly's comments, this assessment provides further details regarding the ridge and furrow within the Site and surrounding area, to more fully explore the significance of the earthworks within their wider landscape context. In addition to the earthworks within the Site, the assessment sought to assess the surviving ridge and furrow within the entire historic parish of Ratby, (incorporating the modern-day parishes of Ratby and Groby as well as parts of Desford and Kirby Muxloe).



Site

Ratby Historic Parish

0 1km

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PROJECT TITLE

Land West of Ratby, Leicestershire

FIGURE TITLE

Site Location Plan

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2. METHODOLOGY

2.1. This assessment utilises and expands upon the research conducted for the original HEDBA (Cotswold Archaeology 2024). The methodology employed for the assessment has been informed by professional guidance including *Conservation Principles* (Historic England 2008) and the *Standard and guidance for historic environment desk-based assessment* (CIfA 2020). The assessment has considered the following data sources:

- Historic England's National Heritage List for statutory designated heritage assets (including scheduled monuments, registered parks and gardens, battlefields and world heritage sites);
- The Leicestershire Historic Environment Record for details of previously completed archaeological works and recorded heritage assets in the study area;
- Leicestershire Historic Landscape Character Assessment data;
- Digital Terrain Model (DTM) LiDAR data (1m resolution);
- Historic Ordnance Survey mapping;
- The aforementioned Historic Environment Desk-Based Assessment of the Site (Cotswold Archaeology 2024); and
- Published sources including *Turning the Plough* (Northamptonshire County Council 2001) and *Turning the Plough Update Assessment 2012* (Gloucestershire County Council 2012).

Earthwork survey

2.2. The assessment of the earthworks was informed by a walkover survey carried out for the HEDBA in April 2024 and further walkover surveys within the site and wider parish conducted on 10th and 13th December 2024. The visits sought to 'ground truth' the data obtained through desk-based sources and assess the visibility and condition of the ridge and furrow earthworks.

2.3. The assessment of the ridge and furrow earthworks presented in this report follows the methodology set out in *Turning the Plough* (Northamptonshire County Council 2001). This represents the only published methodology specifically drafted to evaluate the significance of ridge and furrow earthworks. The criteria against which

ridge and furrow earthworks are assessed in *Turning the Plough* is based on the criteria for designation, comprising:

- Group value (association);
- Survival;
- Potential;
- Documentation (archaeological);
- Documentation (historical);
- Diversity (features); and,
- Amenity value.

2.4. These categories have been utilised, as appropriate, to assist in understanding the heritage significance of the ridge and furrow earthworks within the Site (see Section 3 below).

2.5. For the purposes of the walkover survey, the condition of the surveyed earthworks were assessed using the following criteria, as represented on Figs. 3 and 4:

- Not accessible/not visible due to vegetation
- None or Very Poor: none or very difficult to discern
- Poor: Faintly visible
- Good: Clearly visible and defined

LiDAR imagery

2.6. Existing Environment Agency data was analysed with the specific aim of clarifying the extent any potential surviving earthworks.

2.7. National LiDAR Programme DTM and DSM tiles (2022) were obtained from the Defra portal. The data was available at 1m resolution, for the extent of Ratby and neighbouring parishes. DTM and DSM tiles were downloaded as .TIFF files.

2.8. The associated TFW files use British National Grid as the “native” coordinate reference system.

2.9. Where necessary, the tiles were combined into a mosaic raster dataset and clipped to the study area using Esri ArcPRO 3.1.3 and exported as a .TIFF.

2.10. The resulting .TIFF was then processed using Relief Visualisation Toolbox (RVT) (Kokalj *et al.* 2019 and Zakšek *et al.* 2011) to create a number of visualisations including a hillshade, positive and negative openness, multi-hillshade and local relief model following Historic England guidelines (Historic England 2010) and guidance in Airborne Laser Scanning Raster Visualisation: A guide to good practice (Kokalj and Hesse 2017). The parameters were set to those appropriate for the topography of the area.

2.11. The output images from the RVT software were then imported into the ArcMap 10.8.2 where further settings manipulation was undertaken to enhance the visualisation for archaeological feature detection.

Aerial photograph analysis

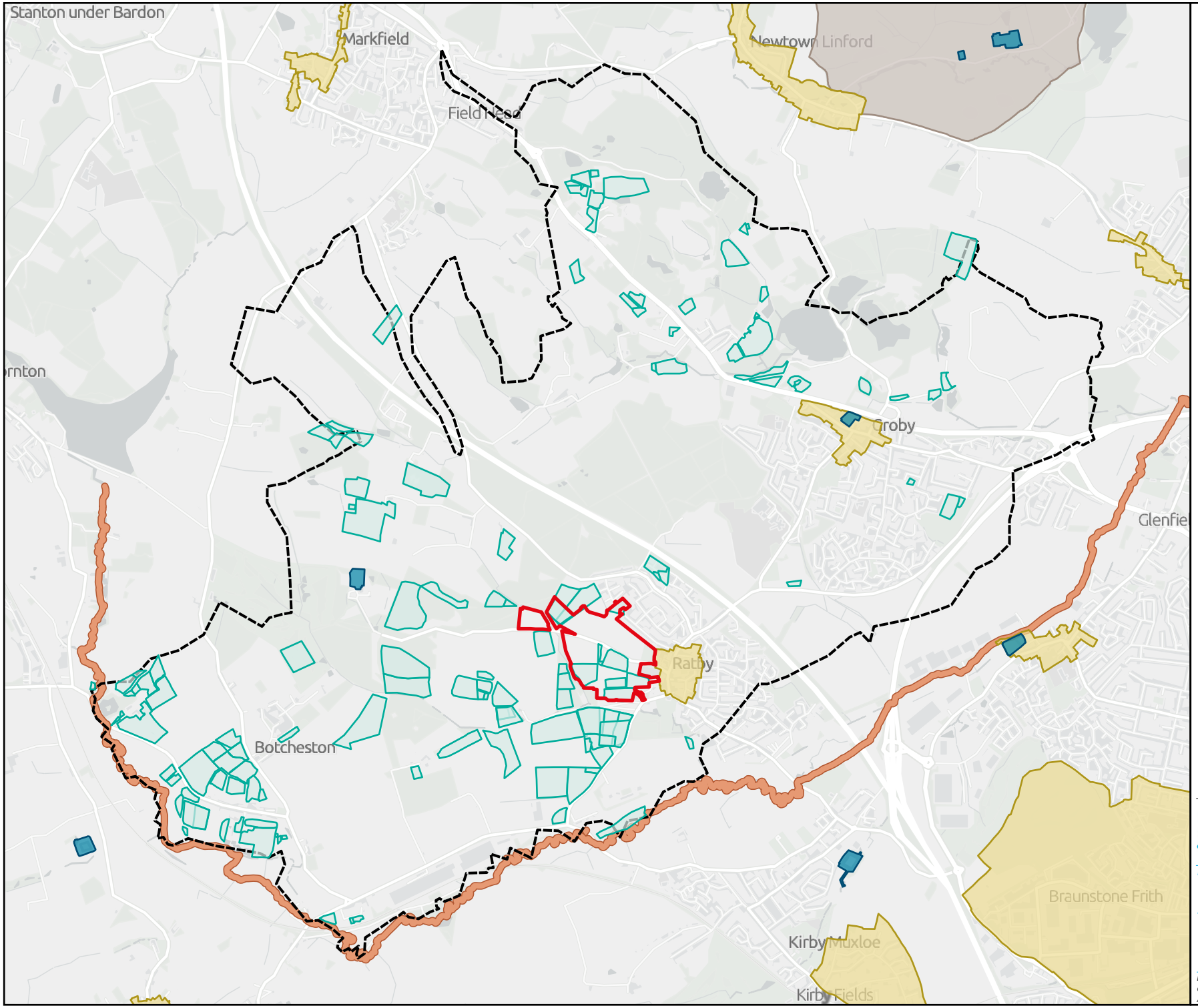
2.12. Aerial photograph analysis was undertaken in December 2024 and involved the examination of a large number of aerial photographs dating from 1944 onwards. The majority of these photographs were vertical exposures, primarily taken by the RAF at the end of the Second World War. Others comprised more recent exposures, some taken at an oblique angle designed to better capture specific built or topographic features, including the known ridge and furrow earthworks. A mixture of black and white, and colour photographs were examined.

2.13. Collections were viewed at the Historic England Archive Public Search Room, Swindon. The comprehensive online modern aerial photographic coverage provided on Google Maps was also reviewed.

2.14. The value of aerial photograph assessment (in the context of the availability of LiDAR) was that it allowed for the identification of earthworks extant during the mid-20th century but which were subsequently ploughed out and were, thus, no longer detectable as earthworks at the time of the LiDAR survey.

2.15. The results of the study were used, in combination with the LiDAR imagery, to help identify the nature, extent and level of survival of the earthworks present within the Site, as well as to try and establish earthwork survival within the remainder of the three historic parishes. Again, extensive expert review of aerial photography had been undertaken as part of the National Mapping Programme, and there was nothing additionally identified during the course of the present assessment.

2.16. A list of the aerial photographs reviewed is provided in Annex 1 of this report.



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PROJECT TITLE
Land West of Ratby, Leicestershire

FIGURE TITLE
Medieval Landscape Elements of Ratby Historic Parish

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3. HISTORICAL CONTEXT

The medieval open field system

3.1. The earliest common open fields in England developed from around the 9th century AD. By the time of the Norman invasion in AD 1066, the regional settlement patterns, field systems and routeways at the heart of these systems had become well established, persisting in some areas, until as recently as the 19th century.

3.2. Ridge and furrow earthworks represent the remains of a form of long-lived agricultural practice, involving the repeated ploughing of arable land within long strips. Over time, the repetitive ploughing resulted in an undulating series of parallel ridges, created by the accumulation of material thrown up by the plough, separated by depressions (furrows). These strips were ploughed in groups, forming blocks referred to as furlongs (individual pieces of ploughed plots of land); the individual strips are known as lands (Hall 1982). These often, though not exclusively, formed the large open fields cultivated from medieval times until the time of Enclosure, where the cultivation of strips of land under individual ownership resulted in the formation of such earthworks. Hence, the blocks of ridge and furrow are typically interpreted as relating to the furlongs of the open fields (Hall 1982; Historic England 2018). It is estimated that much of the productive arable land in England would have become visibly ridged by the 13th century, with the height of ridges in continued arable use then increasing over time (Northamptonshire County Council 2001).

3.3. A large proportion of surviving ridge and furrow has the form in plan of a reverse S-shape (Taylor 1987, 82). This formed as a result of the team of oxen, believed in some parts of the UK to have been 6 or 8 strong, and yoked in pairs one behind the other, starting and finishing at right angles to the ridges in order not to stretch beyond the headlands. This meant they started out turning slightly as they went and likewise began to turn just before the end of the strip, resulting in the strips being reverse S-shape in plan. Ridge and furrow earthworks survive well only where the land has ceased to be in arable cultivation and has reverted to land use or uses that preserve the earthworks, such as pasture. Where land has remained in arable cultivation, such earthworks have usually been completely removed or substantially eroded by modern ploughing.

3.4. For purposes of administration, groups of furlongs were arranged into a named ‘field’. Within the central lowland region, a typical settlement would normally have had three

such fields within its ownership. These fields would then have formed part of an agricultural rotation cycle known as a 'three-field system', with two fields in use and one left fallow in any given year. Two and four field systems were also employed, though less commonly in the Midlands region.

3.5. Under the medieval system, it was the regulation of the farming arrangements – rotation of the cropping of the fields etc. – that was communal, and not possession of the land, which was considered private property (Hall 2014, 4). Individual landholdings, known variously as 'yardlands' or 'virgates', comprised numerous lands dispersed throughout the furlongs and fields. A yardland was reckoned to be the area of land that a team of two oxen could plough in a year, traditionally taken to be a quarter of a hide or around 30 acres. These figures were primarily for tax purposes however, and so do not necessarily provide an accurate reflection of the true area of any given yardland.

3.6. Townships were the primary unit of administration, within which communities and their resources were organised from the medieval period through until the 19th century, when they were largely re-organised into civil parishes. As such, they are frequently found to be co-extensive with a single parish, containing one principal settlement and one church (Hall 2014, 7). Townships normally comprised a single, discrete block of land, though sometimes they were supplemented by outlying areas. The township of Ratby incorporated the village of Groby, which became a civil parish in 1896.

3.7. The Black Death in the mid-14th century, and subsequent continued outbreaks of plague, had a diminishing effect on the open field system. By the 16th century, animal husbandry had become increasingly profitable, a change that the open arable economies of the Midlands region struggled to accommodate, and many villages were abandoned as the inhabitants moved to urban areas. The open field system was brought to an eventual end by the widespread and systematic enclosure of fields from the 16th/17th centuries onwards.

Ratby parish: historic landscape context

3.8. The Site lies within the parish and historic township of Ratby, immediately west of the historic core of the settlement as defined by the extents of Ratby Conservation Area. Placename evidence indicates that the settlement originated in the early medieval period, with the Domesday Survey recording that its population comprised 10

villagers and five smallholders in 1086 (Powell-Smith 2024). A total of six ploughlands, two Lord's plough teams and four men's plough teams, were also recorded at this time. The land was held, together with Groby, Kirby Muxloe and Desford, by Lord Hugh de Grentemesnil, and was passed to the Earl of Leicester in the 12th century. The early settlement is likely to have been focused on the high ground around the church, c. 250m east of the Site, later extending westwards down into the valley of Rothley Brook (Hinckley and Bosworth Borough Council 2013).

3.9. Further elements of medieval settlement are located within the wider historic parish, including the village of Groby, c. 1.7km to the north-east of the Site, which was the location of a 11th century motte and bailey castle and, later, a manorial complex (Scheduled Monument 1010193). The remains of a moated settlement enclosure are recorded at Old Hayes, c. 1.1 to the west of the Site (Scheduled Monument 1017584). Medieval settlements in this part of Leicestershire, characterised by Historic England as the 'Leicestershire Vales' (Historic England 2020), tended to be nucleated however, with low densities of isolated farmsteads generally not appearing until after enclosure of the open field system in the post-medieval period.

3.10. Within the Site, a possible moated house has been recorded through cropmark evidence by the HER (Cotswold Archaeology 2024: Fig. 4, point 22). No evidence of the purported feature was identified during the walkover surveys conducted for the HEDBA, or by LiDAR analysis. A geophysical survey of the Site, undertaken to inform the planning application, also did not identify any anomalies potentially corresponding to a moated feature within this part of the Site (Phase Site Investigations 2024).

3.11. The Site would have formed part of the medieval open field system to west of Ratby village, as indicated by the presence of the ridge and furrow earthworks recorded on LiDAR data (discussed in section 4). There is little documentation available for the open field system within Ratby and it is not identified as a priority township within *Turning the Plough* (Northamptonshire County Council 2001). It can be assumed that much of the associated ridge and furrow earthworks within the parish have been lost to modern ploughing and the northward and eastward expansion of the settlement in the later 20th and 21st centuries. The planned enclosure of land within Ratby parish took place in the 1770s, and the Leicestershire, Leicester and Rutland Historic Landscape Characterisation (HLC) identifies the Site and much of the surrounding land as 'planned enclosure' (Leicestershire County Council 2019; Cotswold Archaeology 2024: Fig. 11). Ridge and furrow earthworks survive across only limited

areas of the parish, as recorded by the HEA and on LiDAR data (see Fig. 3). The majority of these are recorded within areas characterised as 'piecemeal enclosure' by the HLC, with sinuous boundaries often reflecting the layout of the medieval strip fields.

4. RIDGE AND FURROW ASSESSMENT

4.1. This section presents an extract of the ridge and furrow assessment produced within the HEDBA, which has been supplemented with additional contextual information for the wider historic parish of Ratby.

LiDAR Imagery

4.2. The LiDAR data utilised for this assessment was collected in 2022. The scope, efficacy and sensitivity the data has allowed for detailed comparison with, and confirmation of, earthworks formerly only identifiable on aerial photographs, and has also revealed areas of much more subtle or trace earthworks, otherwise imperceptible.

4.3. The LiDAR data identifies clear areas of ridge and furrow within the eastern part of the Site (south of Burroughs Road) with a smaller portion surviving in the north-west, corresponding with the area recorded by the HEA. The earthworks visible on the LiDAR and current aerial imagery are well-defined (Figs. 3-5).

4.4. The LiDAR data and aerial imagery suggest that the ridge and furrow run on varying alignments, apparently respecting existing and former field boundaries. Two of the fields containing ridge and furrow within the area south of Burroughs Road appear to reflect the field pattern shown on the 1773 Enclosure Map, while those towards the southern boundary of the Site represent 20th century amalgamation. The earthworks visible on the LiDAR data indicate areas of intensive cultivation, with their survival suggesting that these areas have experienced relatively limited ploughing.

4.5. Within the wider parish, the LiDAR identifies a total of 128 parcels of ridge and furrow earthworks of varying levels of definition (Fig. 3). The greater proportion of these are within the south-west of the parish, with some, generally smaller, parcels visible in the north, around Groby. Several areas of identified earthworks occur within planted woodland, attesting to the ability of LiDAR to detect features within dense foliage and therefore allow identification of features not perceptible on aerial images.

Description of surviving earthworks

4.6. The walkover surveys carried out in April and December 2024 assessed ridge and furrow earthworks within the Site and across the historic parish, corresponding with the areas identified on the LiDAR and those recorded by the HEA. Within the Site, the ground conditions at the time of the survey were good, comprising generally low-

level grass pasture maintained by grazing cattle. In the eastern portion of the areas south of Burroughs Road the earthworks were observed to be particularly distinct, both at close range on the ground surface (Photos 1 and 2) and when viewed at distance from within the wider landscape (Photo 3). The earthworks here extended across the lengths of the fields on a north-south and east-west orientation and could be seen to exhibit a slightly curved morphology (indicative of a medieval date) which was most apparent in the field immediately south of Burroughs Road. The ridges were observed to be of variable widths, between around 4m and 10m, consistent with medieval furrow widths. The ridge and furrow broadly correspond with the existing field boundaries, perhaps reflecting some fossilisation of the medieval field system within the enclosure pattern, although the earthworks within the field directly south of Burroughs Road appear to continue through, and thus likely predate, a north-south aligned hedgerow boundary (Fig. 5).

4.7. The earthworks within the western field of the area south of Burroughs Road, although reasonably well-defined on the LiDAR data, were not perceptible on the ground surface.

4.8. Within the wider parish the surveys were able to access most areas of the identified ridge and furrow, with 43 of the 128 parcels either not accessible or not visible due to vegetation cover. Of the surveyed earthworks, most (56%) were observed to be eroded to the point of being difficult to discern or altogether imperceptible, with only a small proportion observed to be good / well-defined (Fig. 3). These better-defined earthworks were recorded primarily as small and discrete areas, dispersed across the northern and southern parts of the parish (Fig. 3). A further 16% of the parcels assessed by the walkover survey were judged to be faintly visible but in poor condition, while 28% were observed to be clearly visible and in good condition. Three of these ‘good’ parcels are present within the Site, totalling 4.6ha and equating to 14% of the earthworks within the whole historic parish that are classified as ‘good’.

Photo 1 Ridge and furrow earthworks within the southern part of the Site, facing south-west

Photo 2 Ridge and furrow earthworks within the southern part of the Site, facing east

Photo 3 Ridge and furrow earthworks within the southern part of the Site, viewed from the west

Significance of surviving earthworks

4.9. The criteria recommended by the *Turning the Plough* (Northamptonshire County Council 2001) have been utilised to assess the significance of the earthwork remains within the Site. While the criteria were designed to assess the significance of individual open fields as a whole, those criteria are also considered applicable to individual areas of ridge and furrow (i.e. the remains within the Site). The earthworks have been scored against each of the criteria on the basis of the sources consulted as part of this assessment only. Each of the criteria is scored on a three-point system.

Group Value (Association)

4.10. The Group Value is defined by the association of ridge and furrow with other monuments, most importantly any associated settlement earthworks. The physical relationship between ridge and furrow and other monuments can provide a chronological depth that adds value.

1. **Low**: with a single monument or feature (excluding the settlement), or none at all;
2. **Medium**: two or three associated features (excluding the settlement); and,
3. **High**: settlement earthworks and any other features associated with the fields.

4.11. The ridge and furrow earthworks within the Site are located at the western edge of Ratby, with the easternmost earthworks situated immediately adjacent to the historical extent of the settlement as recorded by the HER (Fig. 2). It is likely that the

medieval core was situated further to the east than the HER depicts (around the church) and that the western extent reflects post-medieval development which potentially removed further areas of medieval cultivation. Despite their proximity to Ratby, there are no other known features which illustrate a direct relationship between the earthworks and the settlement, such as holloways providing access between the fields and the settlement.

4.12. The earthworks within the Site have no discernible relationships with any other features within the landscape. While a possible moated site (Cotswold Archaeology 2024: Fig. 4, 22) has been recorded within the east of the Site, immediately adjacent to the earthworks, this has not been verified through investigation and no evidence of surviving remains has been identified by the walkover survey, on LiDAR imagery, or by the geophysical survey. The HER further notes that there is some doubt regarding the interpretation of the feature. As such, any association between the purported moated site and the feature is unconfirmed and not appreciable. No clear relationships between ridge and furrow and other known medieval features are apparent within the wider Ratby parish.

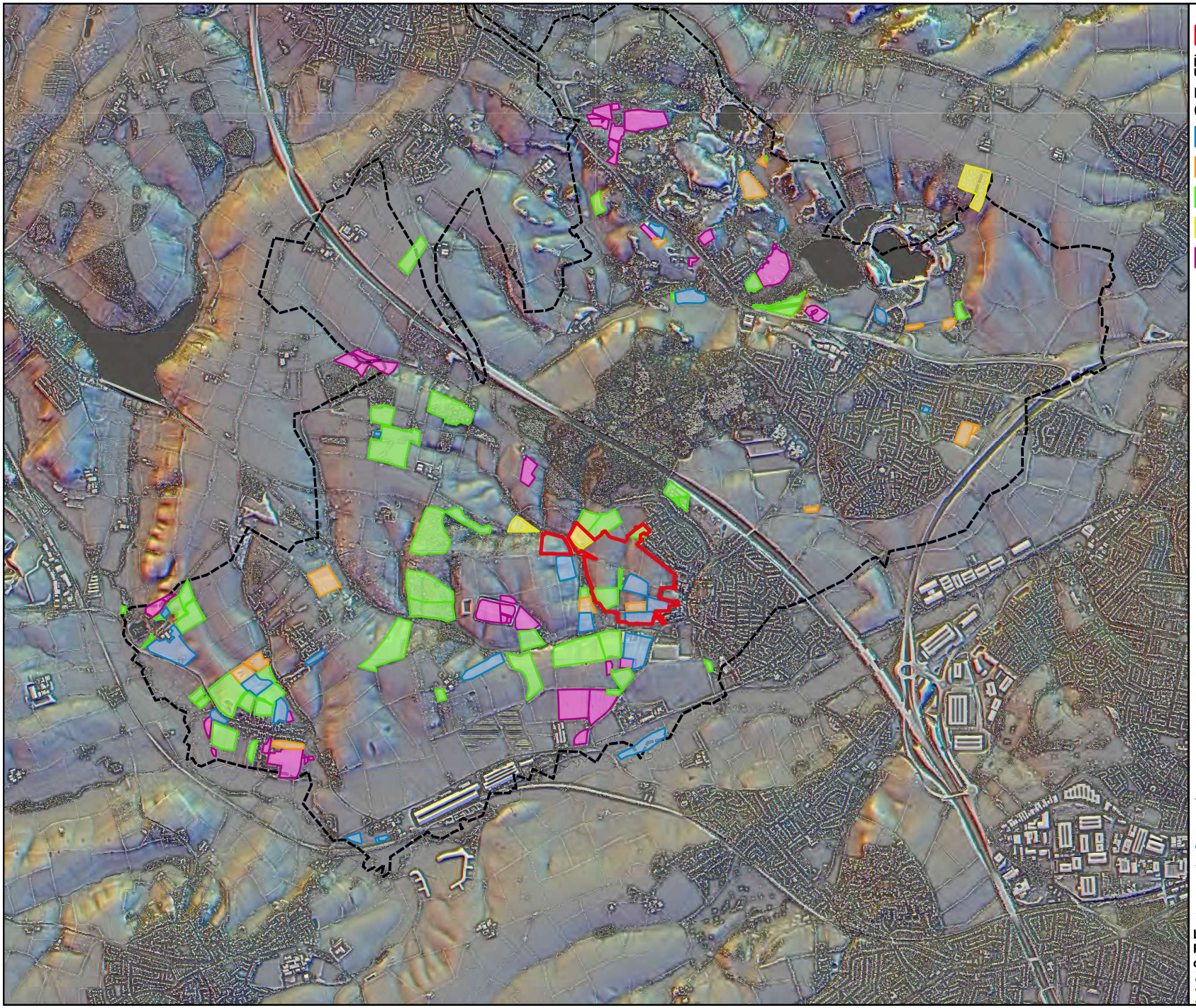
4.13. On this basis, the Group Value of the earthworks is considered to be **Low** (score point **1**).

Survival

4.14. The survival of ridge and furrow is expressed as a percentage of the original field system. This is based on the area of the Township, with deductions made for significant amounts of wood, meadow, fen or heath.

1. **Poor**: field systems extending to less than 0-10% of the township and/or having some post-enclosure plough damage;
2. **Medium**: field systems extending to 11-18% and/or having some post-enclosure plough damage; and,
3. **Good**: field systems extending to more than 18% of the township with no later plough damage.

4.15. The ‘good condition’ ridge and furrow extends across c. 4.6ha of the Site, which equates to less than 1% of the extent of the parish overall (with woodland deducted).

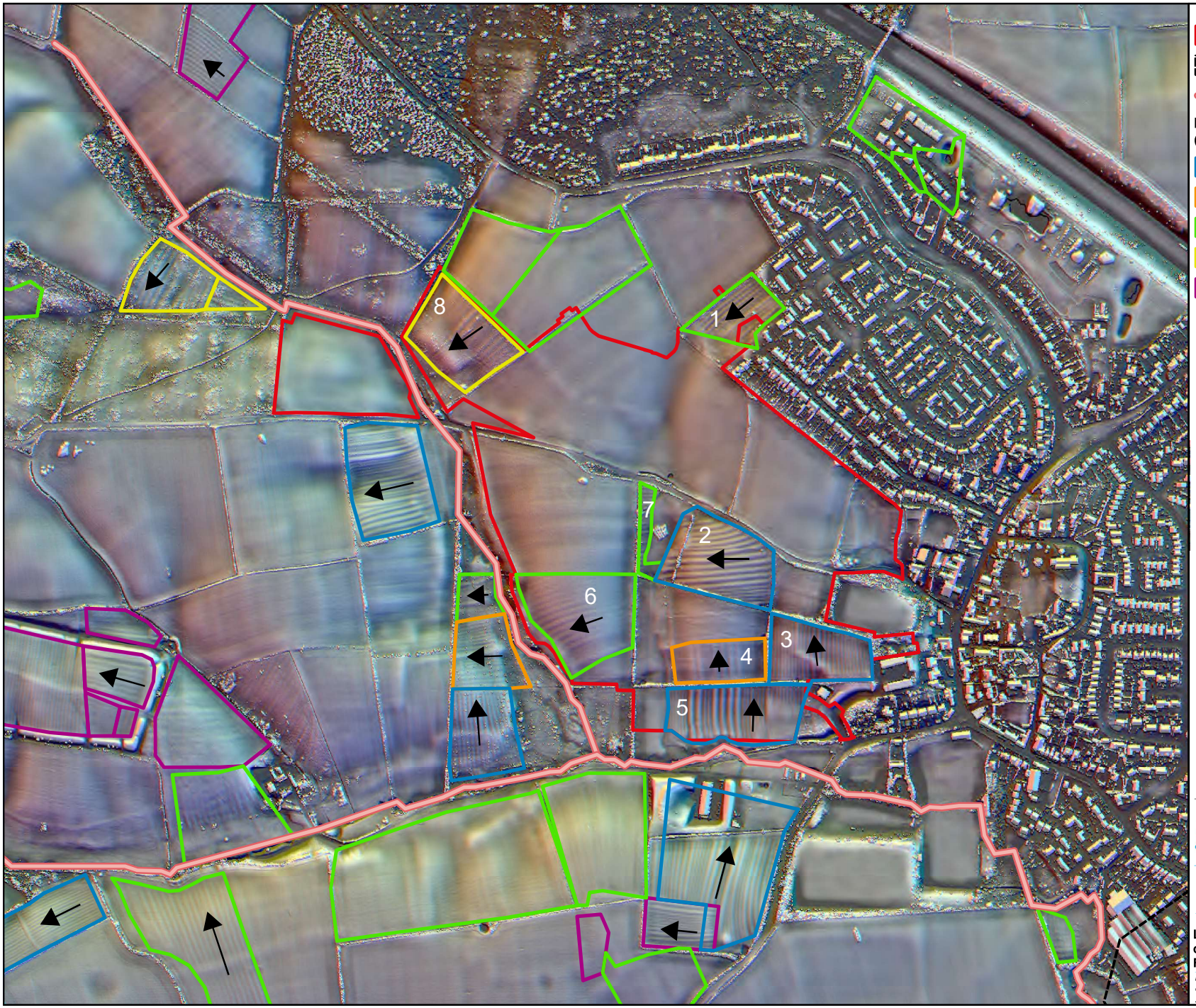


Cotswold Archaeology
Andover 01264 347630
Cirencester 01285 771022
Milton Keynes 01908 564660
Suffolk 01449 900120
w www.cotswoldarchaeology.co.uk
e enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE
Land West of Ratby, Leicestershire

FIGURE TITLE
LiDAR Imagery for Ratby Historic Parish, showing degree of preservation of Ridge and Furrow

DRAWN BY	FC	PROJECT NO.	MK1195	FIGURE NO.
CHECKED BY	RW	DATE	08/01/2025	3
APPROVED BY	RW	SCALE @ A4	1:35,000	



Site

Ratby Historic Parish

Water Course (Approximate)

Ridge & Furrow State of Preservation (Earthworks)

Good

Poor

None or Very Poor

Not Visible (Vegetation)

Area not Accessible

Orientation of Feature

N

0 200m

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Milton Keynes 01908 564660
Suffolk 01449 900120
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e enquiries@cotswoldarchaeology.co.uk

PROJECT TITLE

Land West of Ratby, Leicestershire

FIGURE TITLE

LiDAR Imagery for the Site, showing degree of preservation of Ridge and Furrow

DRAWN BY	FC	PROJECT NO.	MK1195	FIGURE NO.
CHECKED BY	RW	DATE	08/01/2025	4
APPROVED BY	RW	SCALE @ A4	1:7,500	

4.16. Within the Site, the condition of the earthworks was found to be best within the south, where three blocks were observed to survive as clearly visible earthworks (Fig. 4: Areas 2, 3, 5). Two parcels in the south and west of the Site, were not discernible on the ground surface (Fig. 4: Areas 6 and 7) while the two parcels north of Burroughs Road were recorded as barely visible (Fig. 4: Area 1) and obscured by vegetation (Fig. 4: Area 8). Of the ridge and furrow earthworks observed to survive well by the walkover survey, those within the Site represent 14% of the best surviving parcels within the historic parish of Ratby, the others occurring largely sporadically across the parish.

4.17. The survival of the ridge and furrow earthworks across the parish observed by the walkover surveys was fragmentary, with the number of surviving parcels substantially lower than the total amount recorded by the LiDAR, HEA and aerial photography review (36% of those surveyed). Many of these poorly preserved earthworks are only faintly discernible on LiDAR, and barely or only subtly visible on aerial photographs; in many cases only enough that they are more apparent as crop- and/or vegetation-marks, resulting from differential growth, than as appreciable upstanding earthworks. While the condition of many of these imperceptible or poorly preserved earthworks could be predicted from their faint or trace appearance on the LiDAR imagery, in the case of some areas where a better survival was anticipated, the earthworks appear to have been subject to recent loss. This was observed to be the case immediately to the south-west of the Site, where despite clear visibility on historic and current aerial photographs, no earthworks could be discerned within the recently ploughed fields.

4.18. On the basis of the above, the *Survival* of the ridge and furrow earthworks is judged to be **Low** (score point **1**).

Potential

4.19. Scores for *Potential* are based upon the presence of wet features/light soil (associated with general potential for Saxon settlement), the degree of below ground destruction in the form of urban areas or quarrying, and the presence of settlement earthworks.

1. **Low**: divorced from wet features and not lying on light soil. Has a significant proportion of urbanisation and quarrying;

2. **Medium**: lies on light soil or has wet features adjacent; remainder of the township is intact; and,
3. **High**: lies next to settlement earthworks, preferably with nearby wet features and light soil and the remainder of the township is intact.

4.20. There are no wet features within the vicinity of the ridge and furrow earthworks within the Site. A former pond is recorded on historic Ordnance Survey mapping within the south of the Site, on the boundary of one of the fields containing ridge and furrow, however this appears to have been removed and is nevertheless an agricultural feature with no potential to be of heritage value. The Site comprises a combination of slowly permeable, seasonally wet, slightly acid but base-rich loamy and clayey soils and soils with impeded drainage (BGS 2022) and is not likely to have been a favoured location for early settlement. There is no potential for reorientation of the open field system within the Site.

4.21. The *Potential* of the ridge and furrow earthworks is considered to be **Low** (score point **1**).

Documentation (archaeological)

4.22. Archaeological documentation includes aerial photographs and plans. The criteria in *Turning the Plough* (Northamptonshire County Council 2001) are:

1. **Low**: no plans and only poor photographs;
2. **Medium**: good photographs or adequate plans; and,
3. **High**: good photographs and plans with profiles.

4.23. The emergence of widespread availability of LiDAR data since the *Turning the Plough* criteria were established (i.e. 2001) means that for many areas of ridge and furrow it is possible to produce detailed plans of the earthworks, depicting the curvatures of the earthworks. This is the case in relation to the earthworks within the Site and the wider Ratby parish, especially as the available LiDAR data dates to 2022 and is therefore an accurate representation of the current state of the survival of the earthworks. Whilst the data is only available at 1m resolution and smaller features may not be determinable on the LiDAR data, this is not considered to be a significant limitation of the documentation for this site as ridge and furrow earthworks are generally larger and are depicted well on the LiDAR data.

4.24. As such, its *Documentation (archaeological)* score is **Medium** (score point **2**).

Documentation (historical)

4.25. Historical documentation is scored by reference to contemporary maps, field books, terries, court rolls, accounts, estate records and other medieval information.

1. **Low**: no open field records other than a late terrier;
2. **Medium**: map or terrier plus any of the other items next listed; and,
3. **High**: map and field book, terriers, court rolls, accounts, estate records and other medieval information.

4.26. There are only limited surviving historical records relating to Ratby and there do not appear to be any cartographic sources relating to the Site pre-dating the Enclosure map which provide any detail regarding land-use. While Ratby is recorded in the Domesday Book of 1086 and is known to have held associated ploughlands, no specific reference is made to the land within the Site (Powell-Smith 2024). There are also no known surviving estate or manorial records. The extent of the medieval open field systems within the parish is therefore uncertain and it is not fully understood what proportion the recorded and surviving ridge and furrow represents of the total former amount.

4.27. The *Documentation (historical)* value of the earthworks is therefore **Low** (score point **1**).

Diversity (features)

4.28. The diversity score is based upon the presence of furlongs of different sizes and orientations, headlands, joints (furlong boundaries with a double row of heads) and balk (grassed over lands), etc.

1. **Low**: examples with 0-2 of the features;
2. **Medium**: examples with 3-4 features; and,
3. **High**: over 4 features.

4.29. The earthworks within the Site appear to relate to at least five furlongs. The field immediately south of Burroughs Road (Fig. 4: Area 2) comprises the remains of a furlong orientated east to west, while the ridge and furrow south of this is mostly north to south oriented with a further field of east to west in the westernmost part of the Site (Fig, 4: Area 6). In the north-west and north-east of the Site the ridge and furrow runs north-east to south-west. A headland is visible on LiDAR imagery at the eastern edge of the field immediately south of Burroughs Road (Area 2, Fig. 5), but was neither

visually nor physically discernible during the site visit. The remains of joints can also be seen on the LiDAR in the southernmost field, connecting north to south furlongs.

4.30. A similar degree of diversity can be seen within the wider parish, with some discrete parcels exhibiting different orientations of furlongs and reasonably clear headlands. However, no features were observed during the walkover surveys and the ridge and furrow within the parish does not appear to display any great number or range of features.

4.31. The features of the ridge and furrow comprise, the furlongs, joints and headlands. No further features indicative of the open field system was identified during the site visit or from available sources. On this basis the *Diversity* score is **Medium** (score point **2**).

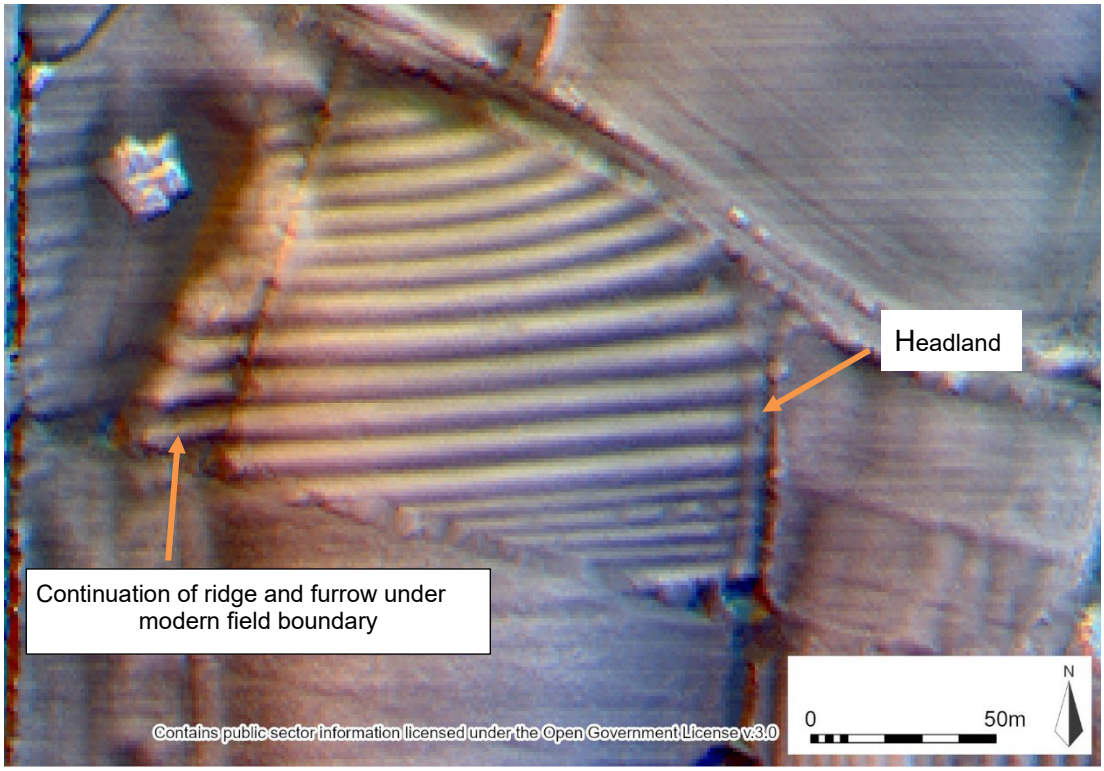

Fig. 5. Ridge and furrow within the south of the Site (Area 2)

Amenity value

4.32. Amenity is scored on the level of access available, and the presence of enhancing features such as of hedges and trees.

1. **Low**: an inaccessible and small area of fields;
2. **Medium**: some access is available; or the fields are enhanced by the additional interest of later features; and,

3. **High**: good access to extensive clear samples of fields with additional interest.

4.33. The Site contains a number of public rights of way which run adjacent to areas of visible ridge and furrow, in the south, north-east and north-west. A further appreciation of the earthworks south of Burroughs Road is offered from a high point along the road to the west of the Site, although this is at some distance (Photo 3), with another accessible view available from the bridleway to the south of the Site (Photo 4).

4.34. Due to the fragmentary survival of the ridge and furrow across the parish, there are no instances of extensive clear samples and access is variable. However, given the visibility of the earthworks within the Site, and the ability to appreciate the earthworks from several publicly accessible points, their *Amenity* value is scored as **Medium** (score point **2**).

Photo 4 Ridge and furrow earthworks within the southernmost part of the Site, viewed from the bridleway to the south

Overall score

4.35. Each criterion is scored on a three-point system, and the *Turning the Plough* methodology recommends **squaring** each score before totalling (Northamptonshire County Council 2001, 57). The earthworks score the following, and the square of each score is provided in brackets:

Group Value (Association)	1 (1)
Survival	1 (1)

Potential	1 (1)
Documentation (archaeological)	2 (4)
Documentation (historical)	1 (1)
Diversity (features)	2 (4)
Amenity value	2 (4)
Total	**16** (out of a potential **63**)

4.36. On the basis of the above, the earthworks score poorly against the defined criteria. The highest score being 4 out of a maximum of 9 against each individual criterion.

Summary of significance

4.37. The ridge and furrow earthworks within the Site have been assessed following the methodology recommended in *Turning the Plough* (NCC 2001). The results total a score of 16 out of a possible 63. This is a low score and reflects the overall limited heritage value of the earthworks. Four of the criteria scored 4, which was the highest attained score, even so this is a low score out of a possible 9.

4.38. The ridge and furrow within the Site represent a small proportion of the limited ridge and furrow present within the parish, which has been demonstrated to survive in a fragmentary state. This low level of survival within the parish can be largely attributed to modern agricultural practices, which were observed to have resulted in some very recent loss as well as a gradual erosion and loss of clarity. The best surviving ridge and furrow within the Site comprises three parcels to the south of Burroughs Road, which represent 14% of the ridge and furrow assessed to be in 'good' (i.e. clearly appreciable) condition within the parish total. Overall, the ridge and furrow within both the Site and wider parish are unexceptional, as reflected in their low score against the assessment criteria. This is also evident in the fact that Ratby is not recognised as a 'priority township' in *Turning the Plough*.

4.39. Overall, the ridge and furrow within the Site is a modest example of an element of the former open field system, which, due to its piecemeal and variable survival across the parish, is of relatively low integrity. The earthworks within the Site nevertheless survive relatively well with a moderate display of diverse features (i.e. headland and joints) and are appreciable on the ground and within publicly accessible views within the parish. The earthworks are of limited interest; however, it is appropriate to identify them as non-designated heritage assets.

Effect of the proposals

4.40. The proposed development within the Site would result in the loss of much of the surviving ridge and furrow earthworks, through the process of construction phase groundworks including excavation of building foundations and services, landscaping, stripping of the topsoil and subsoil, and the preparation of access roads. The development would result in a loss of c. 4.6ha of ridge and furrow earthworks in 'good' condition, which currently form part of the surviving medieval fields of the parish of Ratby. When considering only earthworks assessed to be clearly discernible, those within the Site represent 14% of these 'good' or better surviving earthworks within the parish.

4.41. The earthwork remains within the Site are representative of the fragmentary survival of ridge and furrow across Ratby parish, the integrity of the former open field system with the medieval township having largely been lost through modern agricultural practices (ploughing).

4.42. As such, the loss of the earthworks would equate to the loss of a tiny proportion of the original open field system of Ratby parish. This would result in very limited harm to the heritage significance of the ridge and furrow remains within the parish.

4.43. In the consultation response from Mr William Kelly, as referred to above, the recommendation was made to alter the masterplan and retain the areas of ridge and furrow depicted as land parcels 2, 5 and 6 (see Fig. 4).

4.44. Land parcel 5, the southernmost part of the Site, lies only partly within the application area; and comprises open space and attenuation ponds. 1.6ha of ridge and furrow will be lost during the construction of these ponds and the predicted earthworks required to form them. Their loss, as non-designated heritage assets, of limited interest, needs to be put into the planning balance.

4.45. Area 6, the south-westernmost part of the Site, contains ridge and furrow earthworks in 'poor' conditions and barely discernible. The features should not be identified as non-designated heritage assets, they do not possess sufficient interest to warrant this. Their loss is not a material consideration to the planning balance.

4.46. Area 2, within the central part of the Site, comprises approximately 1.7ha of surviving ridge and furrow earthworks classified as 'good'. There are no proposals to retain

these earthworks, and their loss, as non-designated heritage assets, of limited interest, needs to be put into the planning balance.

4.47. A clear and accessible record of the ridge and furrow to be lost would remain (in the form of aerial photography and LiDAR data). It is furthermore proposed that a detailed earthwork survey is carried out to further enhance the record of the earthworks.

5. CONCLUSIONS

5.1. The heritage significance of the ridge and furrow earthworks within the Site have been assessed using the methodology most appropriate to the nature of the features and the geographical area. The earthworks are located within a township (parish) that has poor and fragmentary survival of ridge and furrow and would not be considered to be of sufficient significance to warrant classification as a Priority Township, as defined within *Turning the Plough* (Northamptonshire County Council 2001).

5.2. The earthworks within the Site are recognisable features which illustrate, to a limited extent the historical relationship between Ratby and its agricultural hinterland but produce a low score against the assessment criteria. The development of the Site as proposed would result in the loss of an area of c. 4.6ha of remnant ridge and furrow earthworks, equating to c. 14% of the total within the parish that could be described as in 'good' condition.

5.3. The ridge and furrow earthworks within the parish of Ratby, including those within the Site, are considered to be a heritage asset of limited archaeological and historic significance overall. The loss of a 4.6ha of the earthworks that are in a 'good' condition would result in harm to a non-designated heritage asset of limited interest (significance). This limited harm to a non-designated heritage asset of limited significance needs to be weighed in the planning balance (as per paragraph 216 of the NPPF).

6. REFERENCES

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ANNEX 1: AERIAL PHOTOGRAPHS VIEWED AT THE HISTORIC ENGLAND ARCHIVES, SWINDON

HISTORIC ENGLAND

Air Photographs

Historic England

Customer oblique listing - Obliques, Standard Order

Customer enquiry reference number: 147501

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Total 51 records

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SK 4805 /	AFL 60764	/ EPW036117		Jul-31	BW Glass F	5"x4"	SK 484055	448400	305500	N	N	Y	U
SK 4805 /	AFL 60764	/ EPW036118		Jul-31	BW Glass F	5"x4"	SK 484055	448400	305500	N	N	Y	U
SK 4805 /	AFL 60764	/ EPW036119		Jul-31	BW Glass F	5"x4"	SK 484055	448400	305500	N	N	Y	U
SK 4905 /	JAP 9519	/ 1110	SEE PRINT	Unknown	Black & wh	SF or I Neg	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	CCC 9035	/ 7893	SEE PRINT	02-Jul-32	Black & wh	Unknown	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	WAB 317	/ 10		22-Jul-71	Black & wh	5x5"	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	WAB 317	/ 11		22-Jul-71	Black & wh	5x5"	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	WAB 317	/ 12		22-Jul-71	Black & wh	5x5"	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	WAB 317	/ 13		22-Jul-71	Black & wh	5x5"	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	JAP 9552	/ 33	SEE PRINT	1963	Black & wh	SF or I Neg	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	JAP 1325	/ 13	SEE PRINT	Unknown	B&W copy	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	JAP 1325	/ 14	SEE PRINT	Unknown	B&W copy	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	JAP 1325	/ 15	SEE PRINT	19-Jul-72	B&W copy	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	NMR 21876	/ 14		24-Oct-02	Black & wh	70mm,120	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 21876	/ 15		24-Oct-02	Black & wh	70mm,120	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 21876	/ 16		24-Oct-02	Black & wh	70mm,120	SK 499057	449900	305700	Y	Y	Y	U
SK 4905 /	NMR 21876	/ 17		24-Oct-02	Black & wh	70mm,120	SK 499057	449900	305700	Y	Y	Y	U
SK 4905 /	NMR 21756	/ 01		24-Oct-02	Colour neg	35 mm	SK 497057	449700	305700	Y	Y	Y	U
SK 4905 /	NMR 21755	/ 00		24-Oct-02	Colour neg	35 mm	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 21755	/ 02		24-Oct-02	Colour neg	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	NMR 21755	/ 03		24-Oct-02	Colour neg	35 mm	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 02		12-Oct-09	Digital colc	35 mm	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 03		12-Oct-09	Digital colc	35 mm	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 04		12-Oct-09	Digital colc	35 mm	SK 497058	449700	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 05		12-Oct-09	Digital colc	35 mm	SK 496057	449600	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 06		12-Oct-09	Digital colc	35 mm	SK 499058	449900	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 07		12-Oct-09	Digital colc	35 mm	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 08		12-Oct-09	Digital colc	35 mm	SK 498058	449800	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 09		12-Oct-09	Digital colc	35 mm	SK 497058	449700	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 10		12-Oct-09	Digital colc	35 mm	SK 496058	449600	305800	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 11		12-Oct-09	Digital colc	35 mm	SK 496057	449600	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 12		12-Oct-09	Digital colc	35 mm	SK 497057	449700	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 13		12-Oct-09	Digital colc	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 14		12-Oct-09	Digital colc	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 15		12-Oct-09	Digital colc	35 mm	SK 499057	449900	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 16		12-Oct-09	Digital colc	35 mm	SK 499057	449900	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 17		12-Oct-09	Digital colc	35 mm	SK 499057	449900	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 18		12-Oct-09	Digital colc	35 mm	SK 497057	449700	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 19		12-Oct-09	Digital colc	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 21		12-Oct-09	Digital colc	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 22		12-Oct-09	Digital colc	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 /	NMR 26499	/ 23		12-Oct-09	Digital colc	35 mm	SK 498058	449800	305800	Y	Y	Y	U

SK 4905 / 4	NMR 26499	/ 24		12-Oct-09	Digital colc	35 mm	SK 499058	449900	305800	Y	Y	Y	U
SK 4905 / 4	NMR 26499	/ 25		12-Oct-09	Digital colc	35 mm	SK 498057	449800	305700	Y	Y	Y	U
SK 4905 / 4	NMR 26499	/ 26		12-Oct-09	Digital colc	35 mm	SK 498058	449800	305800	Y	Y	Y	U
SK 4906 / 1	FXH 13724	/ 05	88.24	02-Nov-88	Black & wh	35 mm	SK 492064	449200	306400	Y	Y	Y	U
SK 4906 / 2	NMR 21876	/ 18		24-Oct-02	Black & wh	70mm,120	SK 490065	449000	306500	Y	Y	Y	U
SK 4906 / 3	NMR 21876	/ 19		24-Oct-02	Black & wh	70mm,120	SK 490065	449000	306500	Y	Y	Y	U
SK 4906 / 4	NMR 21876	/ 20		24-Oct-02	Black & wh	70mm,120	SK 491065	449100	306500	Y	Y	Y	U
SK 4906 / 5	NMR 21756	/ 02		24-Oct-02	Colour neg	35 mm	SK 490065	449000	306500	Y	Y	Y	U
SK 4906 / 6	NMR 26499	/ 27		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 7	NMR 26499	/ 28		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 8	NMR 26499	/ 29		12-Oct-09	Digital colc	35 mm	SK 490065	449000	306500	Y	Y	Y	U
SK 4906 / 9	NMR 26499	/ 30		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 31		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 32		12-Oct-09	Digital colc	35 mm	SK 490065	449000	306500	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 33		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 34		12-Oct-09	Digital colc	35 mm	SK 490065	449000	306500	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 35		12-Oct-09	Digital colc	35 mm	SK 490065	449000	306500	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 36		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 37		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 38		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 39		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 1	NMR 26499	/ 40		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 4906 / 2	NMR 26499	/ 41		12-Oct-09	Digital colc	35 mm	SK 490064	449000	306400	Y	Y	Y	U
SK 5005 / 1	CAP 8289	/ 120	RAF/A	13-Jun-50	Black & wh	Unknown	SK 502056	450200	305600	N	N	N	U
SK 5005 / 2	CAP 8289	/ 121	RAF/A	13-Jun-50	Black & wh	Unknown	SK 502056	450200	305600	N	N	N	U
SK 5005 / 3	CAP 8289	/ 122	RAF/A	13-Jun-50	Black & wh	Unknown	SK 502056	450200	305600	N	N	N	U
SK 5005 / 4	CAP 8289	/ 123	RAF/A	13-Jun-50	Black & wh	Unknown	SK 502056	450200	305600	N	N	N	U
SK 5005 / 5	NMR 21755	/ 00A		24-Oct-02	Colour neg	35 mm	SK 500055	450000	305500	Y	Y	Y	U
SK 5005 / 6	NMR 21755	/ 01		24-Oct-02	Colour neg	35 mm	SK 500055	450000	305500	Y	Y	Y	U
SK 5005 / 7	NMR 26499	/ 01		12-Oct-09	Digital colc	35 mm	SK 500058	450000	305800	Y	Y	Y	U
SK 5005 / 8	NMR 26499	/ 20		12-Oct-09	Digital colc	35 mm	SK 500056	450000	305600	Y	Y	Y	U

Sortie number	Library number	Camera position	Frame number	Held	Centre point	Easting	Northing	Run	Date	Sortie quality	Scale 1:	Focal length	Film details (in inches)	Film held by
RAF/CPE/UK/2555	833	RP	3163	P	SK 488 076	448800	307600	2	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/CPE/UK/2555	833	RP	3164	P	SK 496 075	449600	307500	2	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/CPE/UK/2555	833	RS	4161	P	SK 474 061	447400	306100	5	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/CPE/UK/2555	833	RS	4162	P	SK 481 060	448100	306000	5	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/CPE/UK/2555	833	RS	4163	P	SK 489 059	448900	305900	5	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/CPE/UK/2555	833	RS	4164	P	SK 496 059	449600	305900	5	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/CPE/UK/2555	833	RS	4165	P	SK 502 059	450200	305900	5	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/CPE/UK/2555	833	RS	4166	P	SK 508 060	450800	306000	5	27 MAR 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RP	3065	P	SK 507 053	450700	305300	2	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RP	3066	P	SK 501 053	450100	305300	2	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RP	3067	P	SK 494 053	449400	305300	2	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RP	3068	P	SK 488 052	448800	305200	2	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RP	3069	P	SK 481 052	448100	305200	2	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RP	3070	P	SK 475 052	447500	305200	2	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RS	4017	P	SK 490 033	449000	303300	6	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RS	4066	P	SK 497 070	449700	307000	7	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RS	4067	P	SK 491 070	449100	307000	7	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/212	971	RS	4068	P	SK 484 070	448400	307000	7	08 DEC 1948	A	10000	20	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RP	3028	P	SK 496 040	449600	304000	1	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RP	3029	P	SK 491 040	449100	304000	1	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RS	4026	P	SK 507 057	450700	305700	2	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RS	4027	P	SK 501 056	450100	305600	2	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RS	4028	P	SK 496 055	449600	305500	2	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RS	4029	P	SK 490 055	449000	305500	2	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RS	4030	P	SK 486 054	448600	305400	2	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/541/235	981	RS	4031	P	SK 482 052	448200	305200	2	03 MAR 1949	A	10000	36	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F21	41	P	SK 508 054	450800	305400	1	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F21	42	P	SK 502 054	450200	305400	1	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F21	43	P	SK 496 054	449600	305400	1	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F21	44	P	SK 490 055	449000	305500	1	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F21	45	P	SK 501 047	450100	304700	2	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F22	42	P	SK 502 072	450200	307200	13	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F22	43	P	SK 496 072	449600	307200	13	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/540/1121	1448	F22	44	P	SK 490 073	449000	307300	13	02 MAY 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F21	296	P	SK 510 050	451000	305000	12	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F21	297	P	SK 504 050	450400	305000	12	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F21	298	P	SK 497 050	449700	305000	12	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F21	299	P	SK 491 050	449100	305000	12	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F21	300	P	SK 485 050	448500	305000	12	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F21	301	P	SK 478 050	447800	305000	12	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F21	304	P	SK 495 041	449500	304100	13	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F22	244	P	SK 488 084	448800	308400	25	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F22	297	P	SK 504 068	450400	306800	27	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F22	298	P	SK 497 068	449700	306800	27	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
RAF/58/1151	1470	F22	299	P	SK 491 068	449100	306800	27	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR

RAF/58/1151	1470	F22	300	P	SK 484 068	448400	306800	27	26 JUN 1953	AB	10000	20	Black and White 8.25 x 7.5	NMR
US/7PH/GP/LOC280	6921	V	5017	P	SK 520 039	452000	303900	14	18 APR 1944	AB	15000	24	Black and White 18 x 9	FDM
US/7PH/GP/LOC280	6921	V	5020	P	SK 515 068	451500	306800	17	18 APR 1944	AB	15000	24	Black and White 18 x 9	FDM
US/7PH/GP/LOC280	6921	V	5021	P	SK 515 076	451500	307600	17	18 APR 1944	AB	15000	24	Black and White 18 x 9	FDM
OS/78062	12310	V	68	P	SK 485 082	448500	308200	2	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	69	P	SK 492 082	449200	308200	2	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	76	P	SK 497 070	449700	307000	3	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	77	P	SK 491 070	449100	307000	3	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	78	P	SK 485 070	448500	307000	3	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	142	P	SK 480 056	448000	305600	4	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	143	P	SK 486 056	448600	305600	4	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	144	P	SK 492 056	449200	305600	4	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	145	P	SK 499 056	449900	305600	4	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	146	P	SK 505 056	450500	305600	4	27 MAY 1978	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	64	N	SK 506 056	450600	305600	2	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	65	N	SK 500 056	450000	305600	2	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	66	N	SK 493 056	449300	305600	2	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	67	N	SK 486 056	448600	305600	2	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	68	N	SK 479 056	447900	305600	2	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	122	N	SK 486 081	448600	308100	3	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	123	N	SK 493 081	449300	308100	3	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	155	N	SK 500 043	450000	304300	4	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	156	N	SK 493 043	449300	304300	4	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	157	N	SK 486 043	448600	304300	4	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	212	N	SK 486 068	448600	306800	5	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	213	N	SK 493 068	449300	306800	5	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	214	N	SK 500 068	450000	306800	5	08 JUN 1996	A	8000	12	Black and White 9 x 9	NMR
OS/011022A	23743	V	1065	N	SK 502 043	450200	304300	4	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1066	N	SK 496 043	449600	304300	4	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1067	N	SK 488 043	448800	304300	4	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1068	N	SK 482 044	448200	304400	4	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1094	N	SK 475 055	447500	305500	5	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1095	N	SK 482 055	448200	305500	5	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1096	N	SK 489 055	448900	305500	5	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1097	N	SK 496 055	449600	305500	5	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1098	N	SK 503 055	450300	305500	5	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1099	N	SK 510 056	451000	305600	5	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1114	N	SK 495 068	449500	306800	6	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1115	N	SK 489 068	448900	306800	6	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1144	N	SK 489 080	448900	308000	7	16 FEB 2001	A	8000	6	Black and White 9 x 9	NMR
OS/04115	24436	V	129	N	SK 499 075	449900	307500	5	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	130	N	SK 489 075	448900	307500	5	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	178	N	SK 508 058	450800	305800	7	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	179	N	SK 499 058	449900	305800	7	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	180	N	SK 489 058	448900	305800	7	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	181	N	SK 490 093	449000	309300	8	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	229	N	SK 499 041	449900	304100	9	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR

OS/04115	24436	V	230	N	SK 490 041	449000	304100	9	02 SEP 2004	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	50	N	SK 483 076	448300	307600	2	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	51	N	SK 492 076	449200	307600	2	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	104	N	SK 490 092	449000	309200	4	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	109	N	SK 500 041	450000	304100	5	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	110	N	SK 491 041	449100	304100	5	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	111	N	SK 482 041	448200	304100	5	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	162	N	SK 510 058	451000	305800	7	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	163	N	SK 501 058	450100	305800	7	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	164	N	SK 492 058	449200	305800	7	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	165	N	SK 483 058	448300	305800	7	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	166	N	SK 474 058	447400	305800	7	17 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	130	N	SK 494 035	449400	303500	5	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	203	N	SK 503 053	450300	305300	7	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	204	N	SK 494 053	449400	305300	7	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	205	N	SK 485 053	448500	305300	7	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	206	N	SK 475 053	447500	305300	7	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	299	N	SK 503 070	450300	307000	9	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	300	N	SK 494 070	449400	307000	9	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	301	N	SK 485 070	448500	307000	9	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	397	N	SK 485 089	448500	308900	11	18 JUL 2006	A	10000	6	Colour 9 x 9	NMR

Sortie number	Library nu	Camera po	Frame num	Held	Centre point	Easting	Northing	Run	Date	Sortie qual	Scale 1:	Focal leng	Film details (in inches	Film held by
RAF/CPE/UK/2555	833	RP	3165	P	SK 502 076	450200	307600	2	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RP	3166	P	SK 508 077	450800	307700	2	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RP	3167	P	SK 514 078	451400	307800	2	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RP	3168	P	SK 520 079	452000	307900	2	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RP	3169	P	SK 527 077	452700	307700	2	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RP	3170	P	SK 535 074	453500	307400	2	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RS	4352	N	SK 508 062	450800	306200	7	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RS	4353	N	SK 515 061	451500	306100	7	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RS	4354	N	SK 521 061	452100	306100	7	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RS	4355	N	SK 528 061	452800	306100	7	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RS	4379	N	SK 512 101	451200	310100	8	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/CPE/UK/2555	833	RS	4380	N	SK 504 102	450400	310200	8	27-Mar-48	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RP	3063	P	SK 520 054	452000	305400	2	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RP	3064	P	SK 514 054	451400	305400	2	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RP	3112	P	SK 512 101	451200	310100	3	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RP	3113	P	SK 505 100	450500	310000	3	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RP	3114	P	SK 499 099	449900	309900	3	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RS	4060	P	SK 535 073	453500	307300	7	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RS	4061	P	SK 529 073	452900	307300	7	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RS	4062	P	SK 522 072	452200	307200	7	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RS	4063	P	SK 516 072	451600	307200	7	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RS	4064	P	SK 510 071	451000	307100	7	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RS	4065	P	SK 504 071	450400	307100	7	########	A	10000	20	Black and White 8.25	NMR
RAF/541/212	971	RS	4066	P	SK 497 070	449700	307000	7	########	A	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F21	38	P	SK 525 053	452500	305300	1	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F21	39	P	SK 519 053	451900	305300	1	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F21	40	P	SK 513 054	451300	305400	1	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F21	41	P	SK 508 054	450800	305400	1	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F21	98	P	SK 545 083	454500	308300	3	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F22	37	P	SK 530 070	453000	307000	13	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F22	38	P	SK 525 071	452500	307100	13	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F22	39	P	SK 519 071	451900	307100	13	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F22	40	P	SK 513 072	451300	307200	13	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F22	41	P	SK 508 072	450800	307200	13	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F22	42	P	SK 502 072	450200	307200	13	########	AB	10000	20	Black and White 8.25	NMR
RAF/540/1121	1448	F22	43	P	SK 496 072	449600	307200	13	########	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F21	245	P	SK 505 104	450500	310400	11	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F21	295	P	SK 517 050	451700	305000	12	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F21	296	P	SK 510 050	451000	305000	12	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	244	P	SK 488 084	448800	308400	25	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	245	P	SK 505 086	450500	308600	26	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	246	P	SK 512 086	451200	308600	26	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	247	P	SK 518 086	451800	308600	26	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	248	P	SK 525 086	452500	308600	26	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	249	P	SK 531 086	453100	308600	26	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	250	P	SK 538 086	453800	308600	26	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	292	P	SK 536 069	453600	306900	27	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	293	P	SK 530 069	453000	306900	27	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	294	P	SK 523 069	452300	306900	27	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	295	P	SK 517 069	451700	306900	27	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	296	P	SK 510 068	451000	306800	27	26-Jun-53	AB	10000	20	Black and White 8.25	NMR
RAF/58/1151	1470	F22	297	P	SK 504 068	450400	306800	27	26-Jun-53	AB	10000	20	Black and White 8.25	NMR

RAF/58/1674	1614	F21	88	P	SK 531 064	453100	306400	4	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F21	89	P	SK 526 063	452600	306300	4	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F21	90	P	SK 521 063	452100	306300	4	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F21	91	P	SK 517 063	451700	306300	4	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F22	87	P	SK 536 083	453600	308300	13	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F22	88	P	SK 532 082	453200	308200	13	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F22	89	P	SK 527 082	452700	308200	13	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F22	90	P	SK 522 082	452200	308200	13	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
RAF/58/1674	1614	F22	91	P	SK 518 082	451800	308200	13	04-Mar-55	AB	10000	20	Black and White 8.25 x	NMR
US/7PH/GP/LOC280	6921	V	5020	P	SK 515 068	451500	306800	17	18-Apr-44	AB	15000	24	Black and White 18 x 9	FDM
US/7PH/GP/LOC280	6921	V	5021	P	SK 515 076	451500	307600	17	18-Apr-44	AB	15000	24	Black and White 18 x 9	FDM
US/7PH/GP/LOC280	6921	V	5022	P	SK 514 085	451400	308500	17	18-Apr-44	AB	15000	24	Black and White 18 x 9	FDM
US/7PH/GP/LOC280	6921	V	5023	P	SK 514 093	451400	309300	17	18-Apr-44	AB	15000	24	Black and White 18 x 9	FDM
OS/69324	10873	V	19	P	SK 524 058	452400	305800	2	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	20	P	SK 521 054	452100	305400	2	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	42	P	SK 529 067	452900	306700	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	43	P	SK 526 069	452600	306900	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	44	P	SK 523 071	452300	307100	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	45	P	SK 520 074	452000	307400	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	46	P	SK 517 077	451700	307700	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	47	P	SK 513 079	451300	307900	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	48	P	SK 510 081	451000	308100	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	49	P	SK 507 084	450700	308400	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	50	P	SK 504 086	450400	308600	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	51	P	SK 501 089	450100	308900	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	52	P	SK 498 091	449800	309100	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	53	P	SK 495 093	449500	309300	4	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	86	P	SK 513 055	451300	305500	6	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	87	P	SK 511 059	451100	305900	6	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	88	P	SK 509 062	450900	306200	6	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/69324	10873	V	89	P	SK 508 066	450800	306600	6	03-Jul-69	A	5400	12	Black and White 9 x 9	NMR
OS/78062	12310	V	1	P	SK 506 096	450600	309600	1	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	2	P	SK 500 096	450000	309600	1	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	70	P	SK 498 082	449800	308200	2	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	71	P	SK 504 082	450400	308200	2	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	72	P	SK 510 082	451000	308200	2	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	73	P	SK 515 070	451500	307000	3	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	74	P	SK 509 070	450900	307000	3	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	75	P	SK 503 070	450300	307000	3	########	A	8000	12	Black and White 9 x 9	NMR
OS/78062	12310	V	147	P	SK 511 056	451100	305600	4	########	A	8000	12	Black and White 9 x 9	NMR
OS/92261	14013	V	118	P	SK 532 081	453200	308100	6	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	119	P	SK 532 076	453200	307600	6	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	120	P	SK 531 071	453100	307100	6	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	121	P	SK 531 066	453100	306600	6	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	171	P	SK 519 058	451900	305800	7	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	172	P	SK 519 064	451900	306400	7	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	173	P	SK 519 069	451900	306900	7	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	174	P	SK 519 075	451900	307500	7	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	175	P	SK 519 080	451900	308000	7	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	176	P	SK 519 086	451900	308600	7	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	189	P	SK 506 093	450600	309300	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	190	P	SK 506 088	450600	308800	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	191	P	SK 506 084	450600	308400	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR

OS/92261	14013	V	192	P	SK 506 079	450600	307900	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	193	P	SK 506 074	450600	307400	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	194	P	SK 506 070	450600	307000	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	195	P	SK 506 065	450600	306500	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/92261	14013	V	196	P	SK 506 061	450600	306100	8	23-Jul-92	A	7800	12	Black and White 9 x 9	NMR
OS/96014	15015	V	28	P	SK 534 084	453400	308400	1	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	29	P	SK 530 082	453000	308200	1	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	30	P	SK 526 080	452600	308000	1	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	31	P	SK 522 078	452200	307800	1	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	32	P	SK 518 075	451800	307500	1	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	33	P	SK 514 073	451400	307300	1	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	34	P	SK 510 071	451000	307100	1	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	35	P	SK 513 064	451300	306400	2	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	36	P	SK 517 066	451700	306600	2	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	37	P	SK 521 068	452100	306800	2	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	38	P	SK 526 071	452600	307100	2	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	39	P	SK 530 073	453000	307300	2	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	40	P	SK 534 075	453400	307500	2	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	41	P	SK 538 077	453800	307700	2	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	92	P	SK 533 065	453300	306500	3	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	93	P	SK 529 063	452900	306300	3	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	94	P	SK 525 061	452500	306100	3	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	95	P	SK 521 059	452100	305900	3	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	96	P	SK 517 057	451700	305700	3	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	209	P	SK 523 060	452300	306000	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	210	P	SK 522 065	452200	306500	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	211	P	SK 521 069	452100	306900	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	212	P	SK 520 074	452000	307400	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	213	P	SK 519 078	451900	307800	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	214	P	SK 519 083	451900	308300	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	215	P	SK 518 087	451800	308700	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96014	15015	V	216	P	SK 517 092	451700	309200	7	03-Apr-96	A	5400	12	Black and White 9 x 9	NMR
OS/96139	20731	V	34	N	SK 500 093	450000	309300	1	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	35	N	SK 507 093	450700	309300	1	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	36	N	SK 514 093	451400	309300	1	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	62	N	SK 520 056	452000	305600	2	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	63	N	SK 513 056	451300	305600	2	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	124	N	SK 500 081	450000	308100	3	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	125	N	SK 507 081	450700	308100	3	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	126	N	SK 514 081	451400	308100	3	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	127	N	SK 520 081	452000	308100	3	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	128	N	SK 527 081	452700	308100	3	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	129	N	SK 534 081	453400	308100	3	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	214	N	SK 500 068	450000	306800	5	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	215	N	SK 507 068	450700	306800	5	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	216	N	SK 513 068	451300	306800	5	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	217	N	SK 520 068	452000	306800	5	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/96139	20731	V	218	N	SK 527 068	452700	306800	5	08-Jun-96	A	8000	12	Black and White 9 x 9	NMR
OS/89153	22243	V	326	N	SK 534 088	453400	308800	6	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	327	N	SK 526 087	452600	308700	6	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	328	N	SK 517 087	451700	308700	6	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	329	N	SK 509 086	450900	308600	6	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	330	N	SK 502 087	450200	308700	6	########	A	8800	6	Black and White 9 x 9	NMR

OS/89153	22243	V	337	N	SK 502 073	450200	307300	7	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	338	N	SK 508 074	450800	307400	7	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	339	N	SK 516 074	451600	307400	7	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	340	N	SK 524 074	452400	307400	7	########	A	8800	6	Black and White 9 x 9	NMR
OS/89153	22243	V	341	N	SK 531 073	453100	307300	7	########	A	8800	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1099	N	SK 510 056	451000	305600	5	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1100	N	SK 517 056	451700	305600	5	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1101	N	SK 523 056	452300	305600	5	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1109	N	SK 530 068	453000	306800	6	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1110	N	SK 523 068	452300	306800	6	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1111	N	SK 516 068	451600	306800	6	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1112	N	SK 509 068	450900	306800	6	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1113	N	SK 502 068	450200	306800	6	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1145	N	SK 496 080	449600	308000	7	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1146	N	SK 502 080	450200	308000	7	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1147	N	SK 510 080	451000	308000	7	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1148	N	SK 517 080	451700	308000	7	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1149	N	SK 524 080	452400	308000	7	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1150	N	SK 531 080	453100	308000	7	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1151	N	SK 537 080	453700	308000	7	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1163	N	SK 510 094	451000	309400	8	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/011022A	23743	V	1164	N	SK 502 093	450200	309300	8	16-Feb-01	A	8000	6	Black and White 9 x 9	NMR
OS/04115	24436	V	125	N	SK 535 075	453500	307500	5	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	126	N	SK 526 075	452600	307500	5	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	127	N	SK 517 075	451700	307500	5	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	128	N	SK 508 075	450800	307500	5	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	129	N	SK 499 075	449900	307500	5	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	176	N	SK 526 058	452600	305800	7	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	177	N	SK 517 058	451700	305800	7	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	178	N	SK 508 058	450800	305800	7	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	182	N	SK 499 093	449900	309300	8	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	183	N	SK 508 093	450800	309300	8	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	184	N	SK 517 092	451700	309200	8	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/04115	24436	V	185	N	SK 526 092	452600	309200	8	02-Sep-04	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	52	N	SK 501 076	450100	307600	2	17-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	53	N	SK 511 076	451100	307600	2	17-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	105	N	SK 500 092	450000	309200	4	17-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	106	N	SK 509 092	450900	309200	4	17-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	107	N	SK 518 092	451800	309200	4	17-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06051	24757	V	162	N	SK 510 058	451000	305800	7	17-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	201	N	SK 521 053	452100	305300	7	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	202	N	SK 512 053	451200	305300	7	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	296	N	SK 530 071	453000	307100	9	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	297	N	SK 521 070	452100	307000	9	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	298	N	SK 512 070	451200	307000	9	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	299	N	SK 503 070	450300	307000	9	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	392	N	SK 531 089	453100	308900	11	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	393	N	SK 522 089	452200	308900	11	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	394	N	SK 512 089	451200	308900	11	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
OS/06938	24848	V	395	N	SK 503 089	450300	308900	11	18-Jul-06	A	10000	6	Colour 9 x 9	NMR
											Total Sorties		16	
											Total Frames		208	

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Appendix 1: Ridge and Furrow Assessment