

Air Photo Services letter report 218 07 02 – 1

Orion Heritage Ltd

Sibford Ferris, Oxfordshire

Co-ordinates: 435428 236988

Date 20th July 2018

APS Project Ref: 218 07 02 Sibford Ferris, Oxfordshire

Interpretation and reporting on aerial imagery to inform a Heritage Assessment at Sibford Ferris, Oxfordshire.

Site Location

The site is located at NGR: 435428 236988 to the west of Sibford Ferris. The site is bounded on the east by Hook Norton Road and on the west by Woodway Road.

Geology

The British Geological Survey (BGS) identifies the bedrock geology of the site as Northampton Sand Formation – Sandstone, Limestone and Ironstone. The BGS states that this bedrock is indicative of areas previously dominated by shallow seas. There is no superficial geology for the site recorded on the BGS. The Cranfield University Soilscales website records the soil over the site as ‘Soilscale 7’ a freely draining slightly acid but base rich soils with a loamy texture.

Methodology

We have searched and examined all available aerial imagery which covers the above site plus a 250m buffer. These images are vertical aerial images, some of which were seen as stereo runs, and others as single prints and/or high resolution digital files. There were two oblique images held at the Historic England Archive which were also examined. All photographs were closely examined by eye and under 1.5x and 3x magnification and interpreted with the aid of a mirror stereoscope where appropriate, or in detail on screen when consulted as digital files.

Historic England Archive, Swindon

Archive enquiry reference 114400 provided in July 2018, lists vertical and oblique aerial photographs taken between 1947 and 2009. Thirteen images were held as negatives only and as such were not available for consultation. The archive listing is appended to this report.

Cambridge University Collection of Aerial Photographs (CUCAP)

The CUCAP archive is not presently open to consultation. A search conducted on the CUCAP website indicates that there is one photograph that covers the site held within the collection. The description of the photograph suggests that it is a general panorama shot of the area and does not note any specific archaeological features within the frame.

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www.google.com/earth (Google Earth)

The following digital aerial images which were presented at Google Earth in July 2018 were examined:

- 1999 Infoterra Ltd & Bluesky
- 2005 Infoterra Ltd & Bluesky
- 2006 Getmapping plc
- 2007 Infoterra Ltd & Bluesky & Getmapping plc
- 2009 Infoterra Ltd & Bluesky & Getmapping plc
- 2017 Not attributed

Environment Agency Lidar data

The availability of Lidar data for the site was checked using the Environment Agency Web Mapping Service and the Environment Agency 'time_stamped_lidar_extents_to_opendata_20180222' shapefile. Both sources confirm that there is no coverage for the site by Environment Agency data.

National Mapping Programme (NMP)

National Mapping Programme data for SP33NE was supplied to the project by Historic England in July 2018. The NMP was completed as part of the South East Warwickshire and Cotswolds HLS project which was completed between 2010 and 2013.

Oxfordshire Historic Environment Record (OHER)

The OHER was consulted in tandem with the aerial imagery data. There were no HER data recorded within the site and there are five monuments points within the 250m buffer. Four of these points relate to historic buildings, MOX4072 is located circa 85m to the north west of the site and is recorded as a finds spot for a Bronze Age Flint Arrowhead. In summary, there were no entries within the OHER within the 250m buffer of the site which are visible through aerial imagery sources.

Results

The site has been under arable and pastoral cultivation on all occasions that it has been observed from the air. Plan 1 shows the features identified within the site and the 250m buffer.

Within the site there are two Modern former field boundaries which are visible in multiple years as cropmarks. No other heritage assets were identified within the site.

The immediate and wider environs of the site contain evidence of a relict Medieval/Post Medieval landscape in the form of levelled and extant ridge and furrow.

Conclusions

This assessment of aerial imagery has identified two former field boundaries within the site and that the immediate and wider environs of the site show a Medieval/Post Medieval landscape containing both levelled and extant ridge and furrow. Overall, this assessment of aerial imagery has not identified any heritage assets within the site or 250m buffer which have not been previously identified during the South East Warwickshire and Cotswolds HLS NMP project.

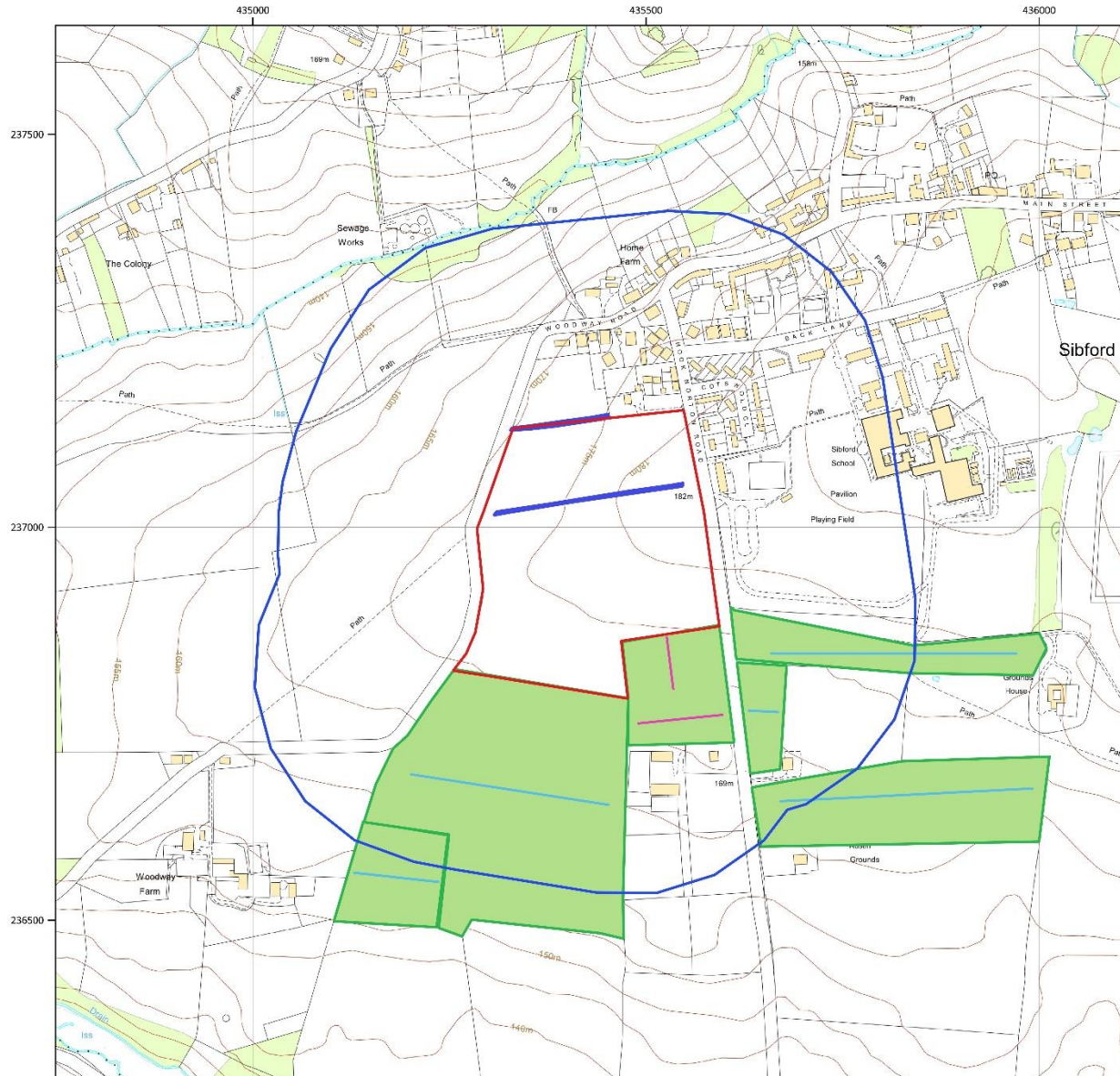
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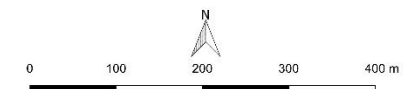
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- ▭ Site Outline
- ▭ Former field boundary
- ▭ Ridge and furrow
- ▭ Extant Ridge and Furrow
- ▭ Levelled Ridge and Furrow



PLAN 1
Overview of features identified on aerial imagery within the site and the 250m buffer

Sibford Ferris, Oxfordshire
Assessment of Aerial Imagery

Client Orion Heritage
Date July 2018
Project APS 218 07 02
By Charlotte Willis MSc ACIFA
Source Historic England Archive, www.google.com/earth

Appendix

Historic England Archive, Swindon, 114400

Verticals

Sortie number	Library number	Camera position	Frame number	Held	Centre point	Run	Date
RAF/CPE/UK/1926	542	V	5186	P	SP 348 376	14	16 JAN 1947
RAF/CPE/UK/1926	542	V	5187	P	SP 355 376	14	16 JAN 1947
RAF/CPE/UK/1929	548	RP	3287	P	SP 355 369	16	16 JAN 1947
RAF/CPE/UK/1929	548	RP	3288	P	SP 351 369	16	16 JAN 1947
RAF/CPE/UK/1994	596	RS	4004	P	SP 357 374	19	13 APR 1947
FSL/6125	1118A	V	16004	P	SP 350 374	59	1961
FSL/6125	1118A	V	16005	P	SP 359 373	59	1961
FSL/6125	1118A	V	19004	P	SP 352 362	67	1961
FSL/6125	1118A	V	19005	P	SP 358 362	67	1961
RAF/82/1006	1520	F66	278	P	SP 363 373	73	31 AUG 1954
RAF/82/1006	1520	F66	279	P	SP 365 362	73	31 AUG 1954
RAF/542/16	1564	F21	257	P	SP 347 366	12	27 AUG 1954
RAF/542/16	1564	F21	258	P	SP 354 367	12	27 AUG 1954
RAF/58/1567	1575	F22	41	P	SP 356 371	10	21 SEP 1954
RAF/58/1567	1575	F22	42	P	SP 350 370	10	21 SEP 1954
RAF/106G/UK/1361	3356	RP	3196	P	SP 358 363	7	03 APR 1946
RAF/106G/UK/1361	3356	RP	3197	P	SP 350 363	7	03 APR 1946
RAF/58/1425	3775	F21	35	P	SP 360 375	3	07 MAY 1954
RAF/58/1425	3775	F21	36	P	SP 353 375	3	07 MAY 1954
OS/70311	9059	V	13	P	SP 357 364	1	07 SEP 1970
OS/70311	9059	V	14	P	SP 357 370	1	07 SEP 1970
OS/71061	10158	V	453	P	SP 352 364	6	12 APR 1971
OS/71061	10158	V	454	P	SP 352 370	6	12 APR 1971
OS/68232	10874	V	9	P	SP 355 363	1	01 JUL 1968
OS/68232	10874	V	10	P	SP 355 369	1	01 JUL 1968
OS/68232	10874	V	11	P	SP 355 375	1	01 JUL 1968
OS/93292B	14440	V	156	P	SP 358 368	1	14 AUG 1993
OS/93292B	14440	V	157	P	SP 358 375	1	14 AUG 1993
OS/93292B	14440	V	235	P	SP 347 373	2	14 AUG 1993
OS/93292B	14440	V	236	P	SP 347 366	2	14 AUG 1993
OS/96635	15203	V	155	P	SP 350 365	4	15 JUN 1996
OS/96635	15203	V	156	P	SP 355 365	4	15 JUN 1996
OS/96636	15204	V	32	P	SP 350 374	1	15 JUN 1996
OS/96636	15204	V	33	N	SP 355 374	1	15 JUN 1996
OS/98114	22613	V	13	N	SP 354 364	1	25 JUL 1998
OS/98114	22613	V	14	N	SP 349 364	1	25 JUL 1998
OS/04981	24581	V	1568	N	SP 353 360	4	24 APR 2004
OS/04981	24581	V	1569	N	SP 360 361	4	24 APR 2004
OS/04982	24582	V	1688	N	SP 359 375	1	14 JUN 2004
OS/04982	24582	V	1689	N	SP 352 375	1	14 JUN 2004
OS/06079	24784	V	72	N	SP 346 376	3	21 SEP 2006

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OS/06079	24784	V	73	N	SP 355 376	3	21 SEP 2006
OS/06079	24784	V	122	N	SP 346 359	5	21 SEP 2006
OS/06079	24784	V	123	N	SP 355 359	5	21 SEP 2006
OS/09038	24846	V	196	N	SP 359 364	7	24 MAY 2009
OS/09038	24846	V	197	N	SP 359 372	7	24 MAY 2009

Obliques

Photo Reference	Film and Frame Number	Date
SP 3536 / 1	AFL 62698/ EPR000568	11-May-35
SP 3537 / 11	NMR 18500/ 11	05-Oct-99

End of letter report, Sibford Ferris, Oxfordshire



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