



NORTHLIGHT HERITAGE	Wormit Solar Farm
REPORT: 138	
PROJECT ID: NLH0053	Fife
DATA STRUCTURE REPORT	

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Wormit Solar Farm

Fife

NGR: NO 4075 2525

Data Structure Report

on behalf of

Wormit Solar Farm Ltd.

Cover Plate: General landscape shot of proposed site

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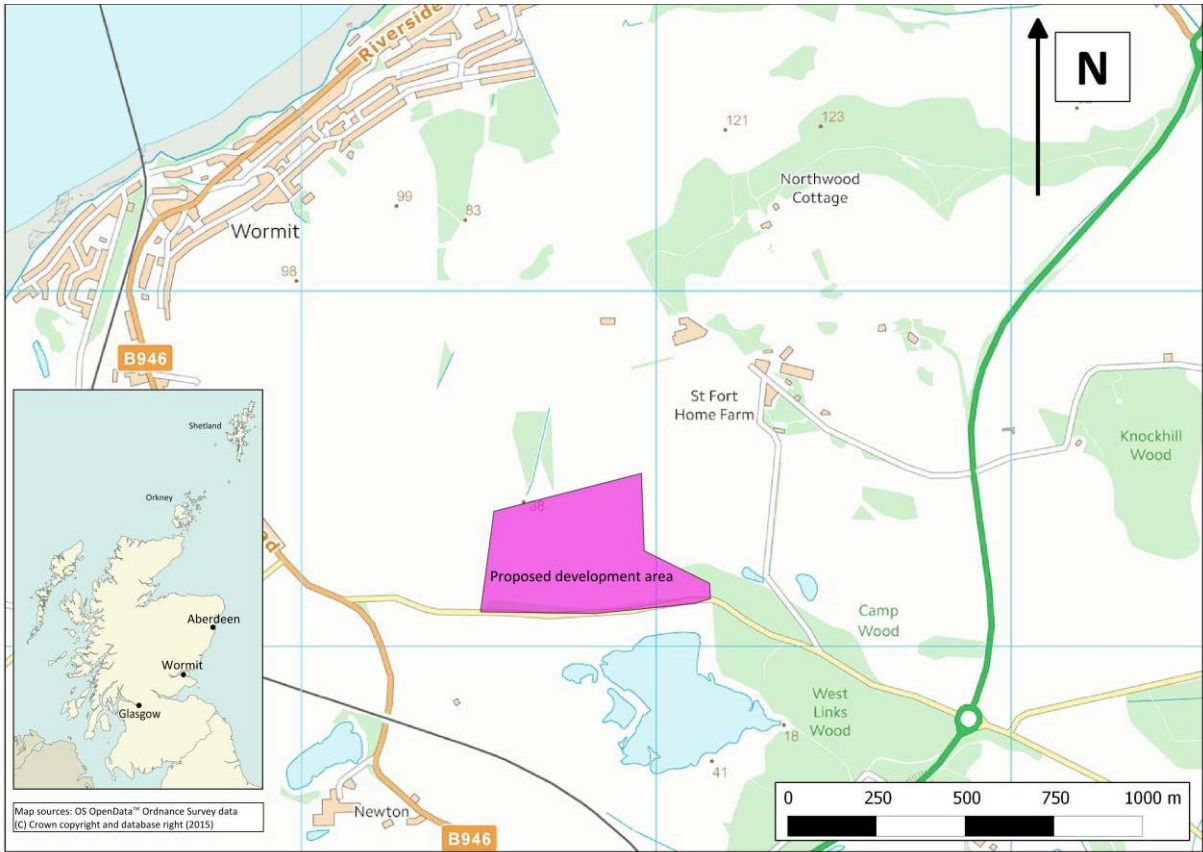


Figure 1: Approximate location of the site

Abstract

An archaeological evaluation was undertaken at the proposed site of a solar farm southeast of Wormit, Fife on behalf of Wormit Solar Farm Ltd. The work was conducted by Northlight Heritage between 27th April and 1st of May 2015. Seventy seven trenches, totalling an area of 7630.96 sq. m, were excavated across the proposed development area, equivalent to approximately 7% of the area to be developed.

Several possible cropmark sites were examined within the trial trenches, but none were found to be archaeological. Five postholes, a fire pit and a series of intercutting ditches were discovered within evaluation trenches at the southern end of the site and one possible pit was also identified at the north-eastern end of the proposed development area.

1. Introduction

1.1

This report presents the results of archaeological works southeast of Wormit, Fife conducted by Northlight Heritage on behalf of Wormit Solar Farm Ltd. between 27th April 2015 and 1st May 2015. Seventy seven trenches, a total of 7630.96 sq. m, were opened across an area proposed for a solar farm on the sloping recently ploughed land just to the southwest of St. Fort Home Farm. The evaluation trenches equated to approximately 7% of proposed development area. The work was conducted prior to the submission of a planning application.

2. Location, Geology and Topography

2.1

The proposed development site is located to the southeast of Wormit, Fife, just to the southwest of St. Fort Home Farm and is centred on approximately NGR NO 4075 2525. The site comprises a sloping field, at approximately 30 m AOD, which had been recently ploughed and sugar beet planted at the time of the archaeological evaluation.

2.2

The underlying geology consists of Ochil Volcanic Formation – Andesite and Basalt while the superficial deposits consist of eruptions of silica-poor magma (1:50000, British Geological Survey).

3. Archaeological and Historical Context

3.1

There are no previously recorded archaeological remains within the proposed boundary of the development, there are however a number of sites which have been identified within a 1km radius. These archaeological remains are in the form of four Scheduled Ancient Monuments (SAM's) as well as a range of other sites dating back to prehistory.

3.2

Three SAM's within the 1km radius around the proposed development are in the form of a series of cropmarks, these include the ring-ditches, a concentric enclosure and pits at Knockhill (NMRS: NO42NW 46). An unenclosed settlement, known as Poacher's Camp (NMRS: NO42NW 56). A ring-ditch and square barrow at Esky Loch (NMRS: NO42NW 55). The fourth, and closest SAM to the proposed development site, is that of Dane's Camp, a likely Iron Age fort (NMRS: NO42NW 11), which is located only 100 m to the east of the development area and comprises a series of very clear earthwork banks enclosing an area approximately 90 m

by 35 m.

3.3

Other sites in the general area around the proposed development site include the potential settlement sites at Camp Wood and Castle Hill, both of which have been identified as cropmarks.

3.4

A polished stone axe, a stone bead with a bronze ring and a carved stone ball have all been discovered in the general area around St Fort, although the exact location of their discovery is unknown.

3.5

A number of aerial photographs were examined from The Royal Commission for Ancient and Historic Monuments aerial photograph collection, as well as a transcribed photograph provided by the local authority archaeologist (Becket 2015). The local authority aerial photograph appears to show several possible cropmark features, including 10 possible pit features near the centre of the proposed development area, and seven features in the southeast of the site.

4. Summary Objectives

The objectives of the evaluation were:

- establish the presence or absence of archaeological remains on site within a 7% sample of the area;
- determine the character, extent and significance of any archaeological remains encountered;
- and, where preservation in-situ is not feasible, provide sufficient information to develop stage 2 mitigation strategy to excavate and record any significant archaeological features or sites encountered during the evaluation to ensure preservation through record.

5. Methodology

5.1

Evaluation of the area was to require eighty three 1.8 m wide by 50 m long evaluation trenches to be excavated, in order to evaluate 7,476 m², approximately 7% of the 106,800 m² of land which is intended for development. The evaluation trenches were positioned to target cropmark features and to ensure even coverage of the sloping agricultural land. The indicative trench plan was altered on the ground to target topographic features which were more likely to contain archaeologically significant material, or to avoid areas where the land was on a very steep slope, or where services were present and was deemed a health and safety risk. This resulted in seventy seven trenches being excavated, varying in dimensions between 10 m and 50 m in length, and 1.8 m to 2.1 m in width, along with expanded areas around trenches 4 and 44 (see sections 6.2 and 6.4 and figures 1 and 3 for details), giving a total coverage of 7,360.96m². The proposed trench locations were allocated trench numbers in advance of their excavation, thus resulting in some trench numbers being voided (see appendix 1, table 2) and new numbers being allocated.

5.2

The twelve possible cropmark sites located within the proposed development site were all targeted by evaluation trenches. Trench locations were marked out using a sub-centimetre GPS system and following excavation their locations were surveyed. Where appropriate the trenches were extended or additional trenches added, where necessary in order to define the extent of any archaeological remains encountered.

5.3

Excavation was undertaken by mechanical excavator using a toothless bucket under direct archaeological supervision.

5.4

The topsoil, and any subsoil interfaces were removed in spits to the level of the natural subsoil or the first archaeological horizon. All archaeological features were cleaned by hand in order to help determine the date of the deposits, their character and extent. Such features were recorded by hand written description on pro forma recording sheets, by photograph and surveyed in by sub-centimetre GPS.

5.5

Where features, deemed to be of archaeological significance, were encountered, a representative sample was investigated in order to establish their significance, date and function.

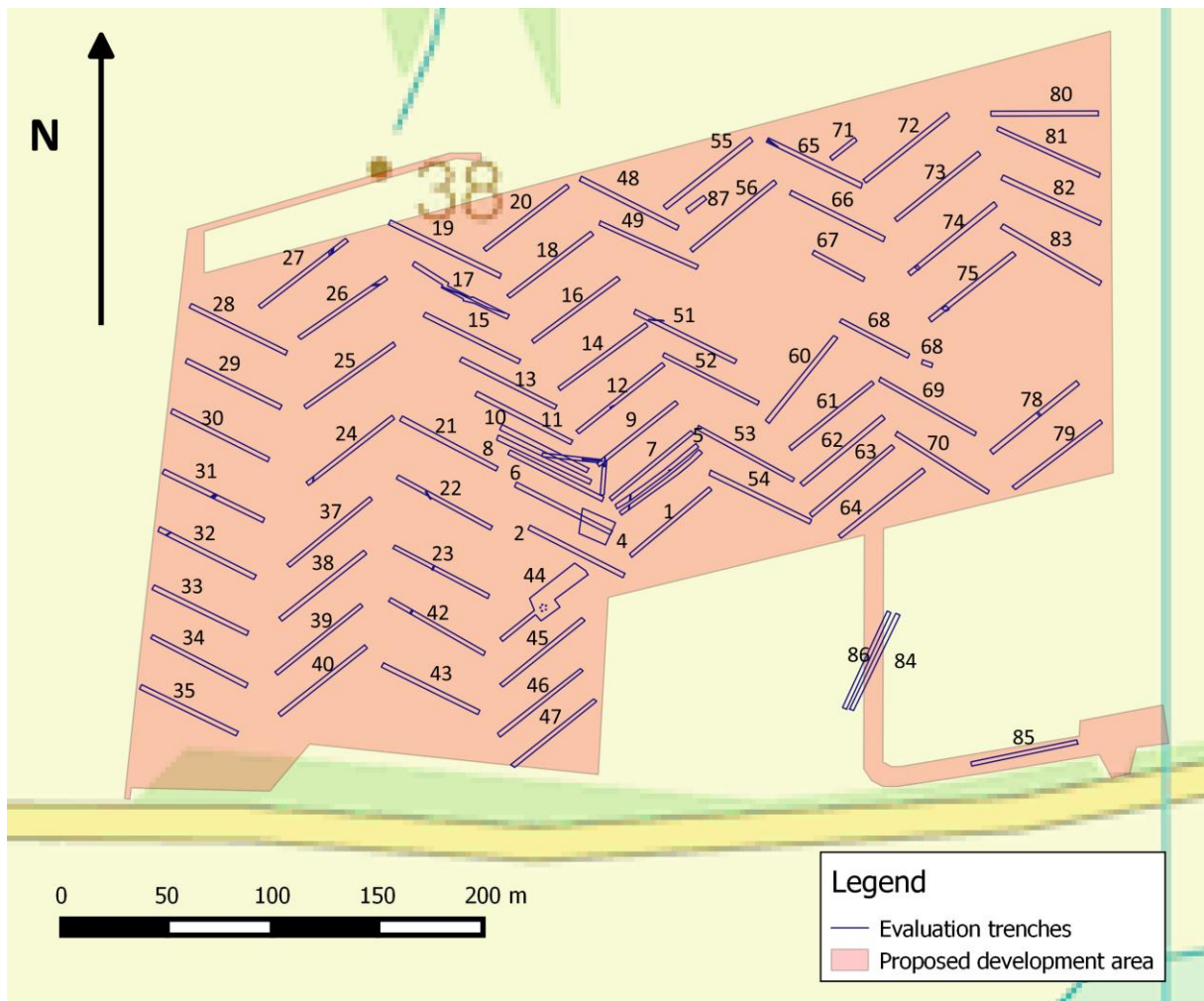


Figure 2: Trench layout

6. Results

6.1

Seventy two of the trenches evaluated were void of any archaeological remains. These trenches varied greatly in composition and depth. All of the trenches were covered in a light grey/brown silty sand topsoil (001), varying from approximately 0.30 m in depth up to 1.50 m in depth. In many trenches this overlaid a subsoil of moderately compacted reddish brown silty sand (004), varying in depth from 0.20 m to 3.00 m. There appeared to be no pattern as to where the deep subsoil deposits were present, other than at the base of some of the

steeper slopes where it would be expected. The natural subsoil varied across the site and included; mid-orange/yellow silty sand with abundant loose gravel (002), mid-red/yellow silty sand with abundant loose gravel and frequent rounded cobbles (003), firmly compacted pink/red sand with no inclusions (005), and firmly compacted light yellow/grey clay with no inclusions (006) (see appendix 1, table 2 for further details).

6.2

Excavation of trench 4, originally measuring 50 m by 2.1 m, revealed a probable fire pit (007) (see figure 3 and plate 1 below). Approximately 25% of the feature was excavated. The fire pit was covered by approximately 0.75 m of friable light greyish brown silty sand topsoil (001) and lay on top of mid-reddish/yellow silty sand natural subsoil (003). The feature itself measured 1.60 m E-W by 1.13 m N-S and was irregular (almost oval) in shape. The fire pit had been dug into the natural subsoil (003) in a 0.12 m deep cut [014] with very shallow angled sides. The pit contained abundant large cobbles, varying in size from 0.10 m to 0.25 m, in a silty sand matrix with abundant charcoal flecks (007). Due to the discovery of the fire pit the area around the evaluation trench was extended, by a further 73 m². No other features were visible in the extended trench, although flecks of charcoal were visible around the area of the fire pit and a small fragment of possible prehistoric pottery was found within the topsoil.

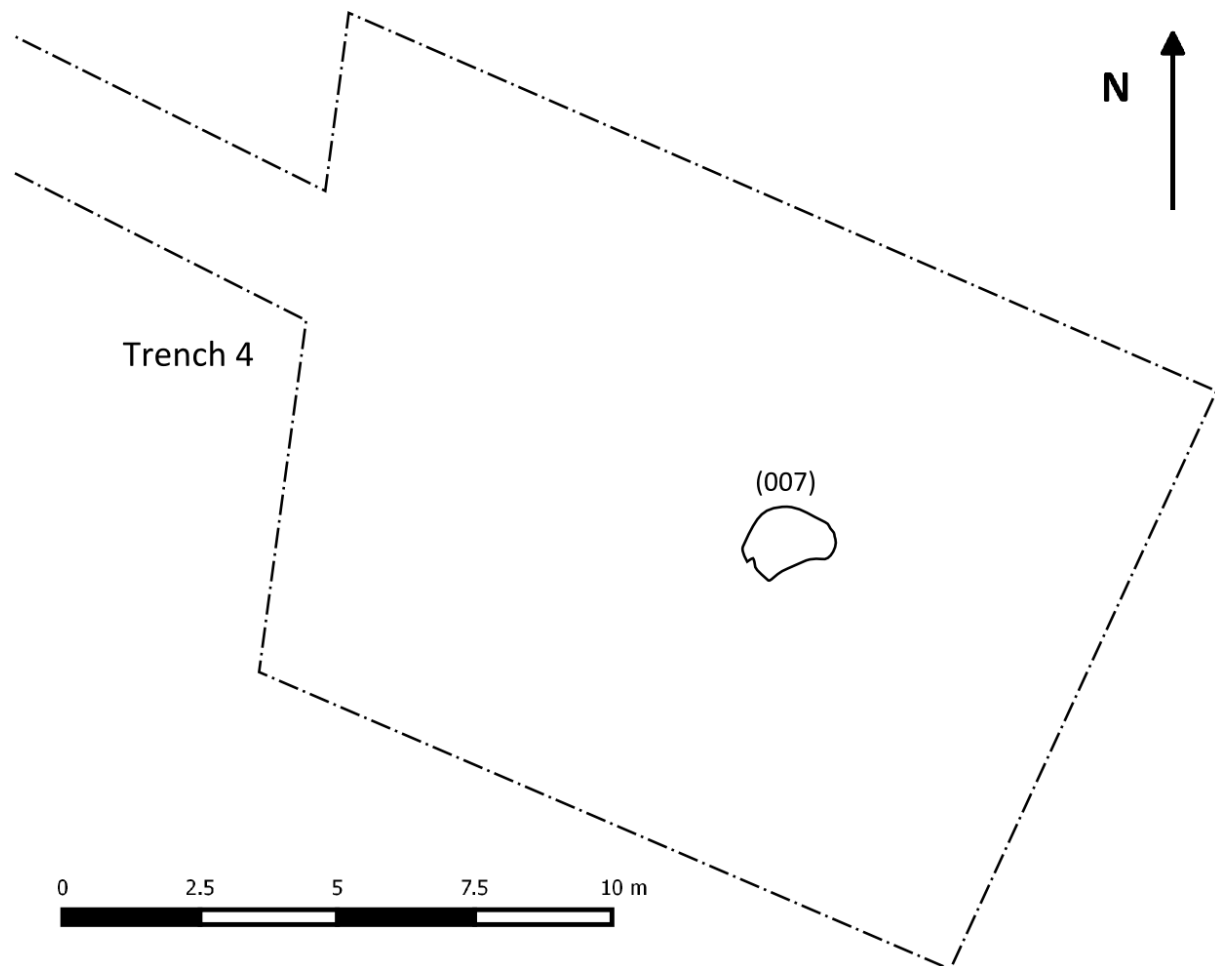


Figure 3: Illustration of possible fire pit (007) in trench 4



Plate 1: Possible fire pit (007) in trench 4

6.3

Excavation of trench 9, and the subsequent extension of the trench with trench's 88 & 89 (these two numbers are not shown on figure 2, the trench is referred to as '9'), revealed three ditches (012), (023) & (024), (see plate 2 and figure 4). Ditch (012) which was running in an E-W direction appeared to be approximately 8 m in length by 0.30 m in width. Ditch (023) is located approximately 1 m to the east of (012) and is aligned N-S. The full extent of the ditch is unknown without further excavation as it continues beneath the trench edge to the north. At the southern end it appeared to terminate at a further ditch (024) which is aligned E-W. Ditch (024) is 0.36m in width at the eastern extrem and widens out to 0.60 m at its western extent. No clear stratigraphic relationship could be discerned between the two ditches. The cuts ([011], [025] and [026] respectively) forming these ditches are all in the form of very gradual, shallow sloping cut sides with a rounded base. The fill of all three ditches (012), (023) and (024) was firmly compacted light greyish brown silty sand with occasional small pebbles and very occasional medium sized rounded stone inclusions.



Plate 2: Ditches (023) and (024) within evaluation trenches 9 and 88

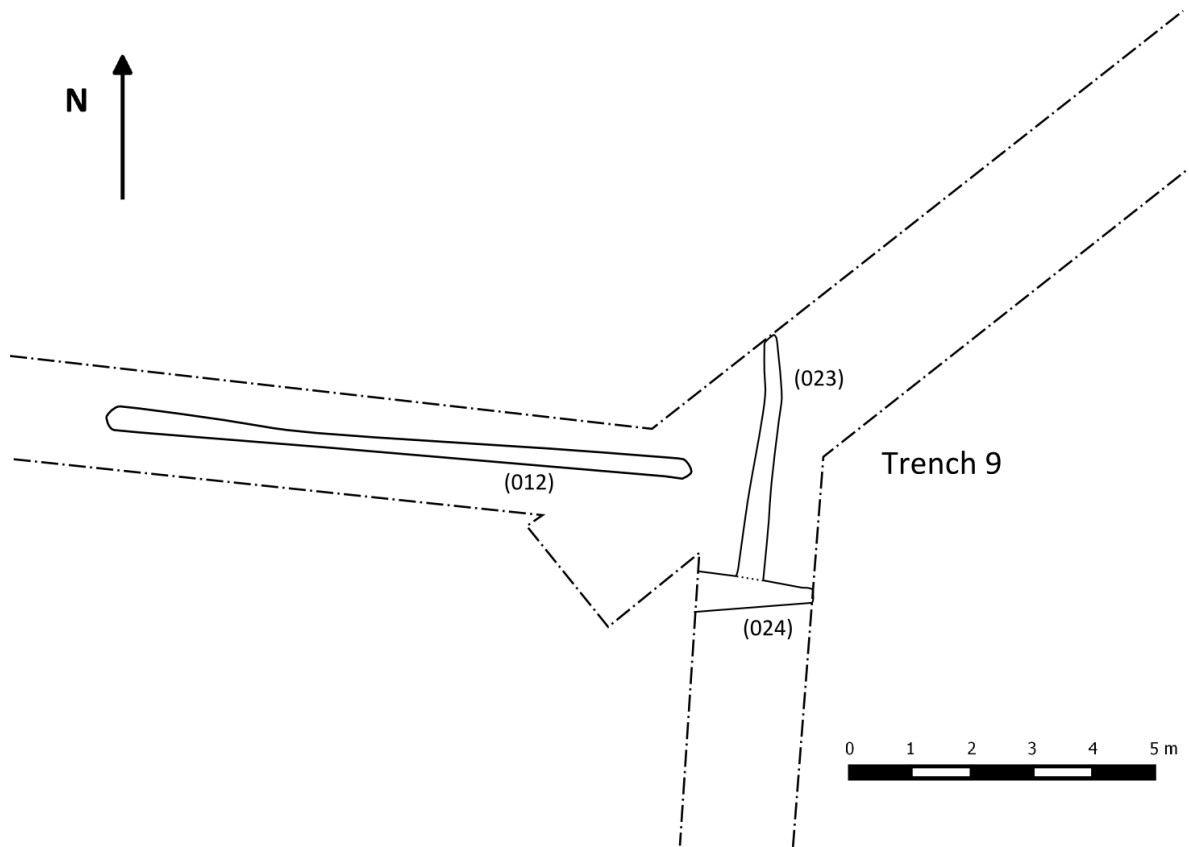


Figure 4: Illustration of ditches (012), (023) & (024) revealed in evaluation trenches 9, 88 and 89

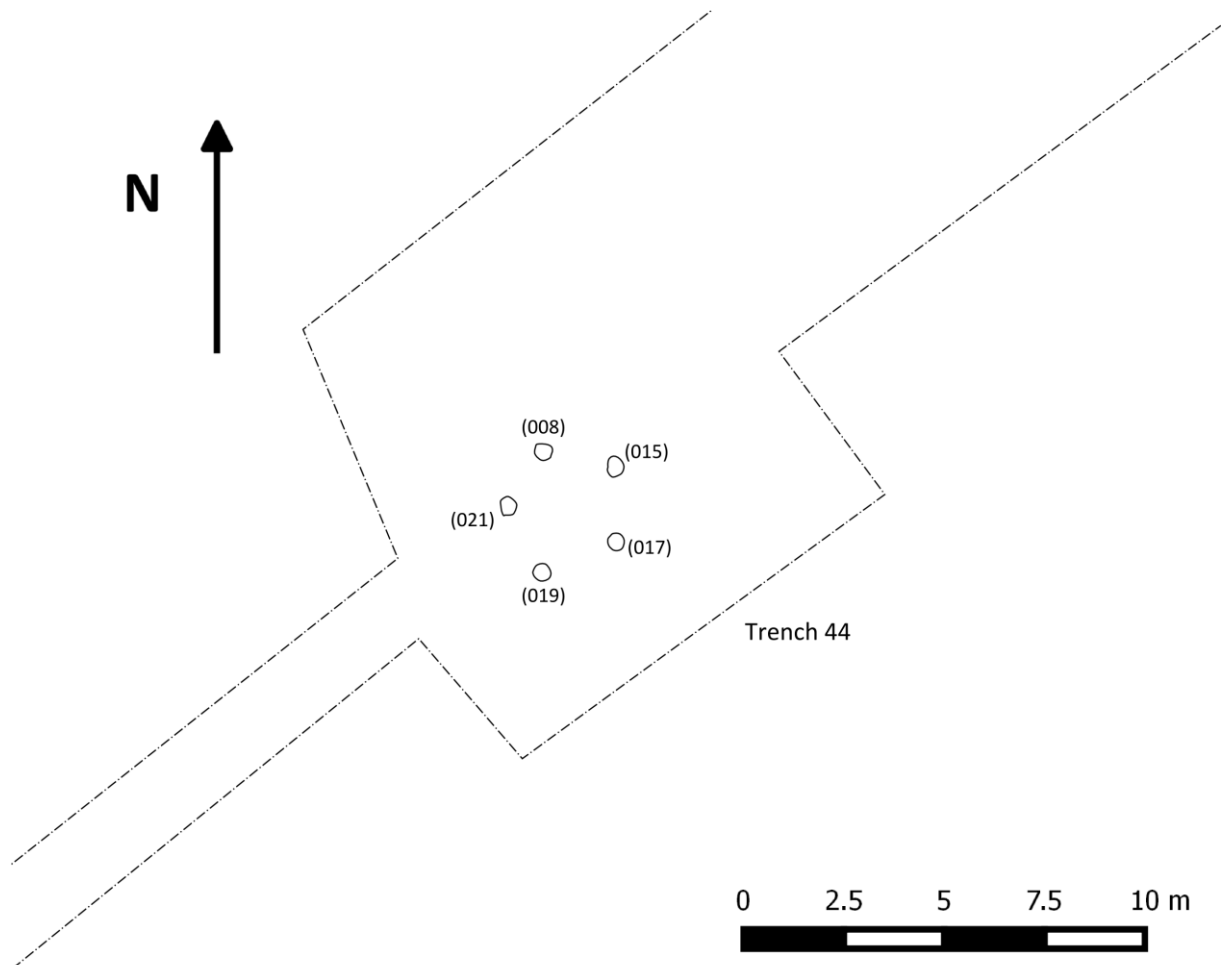


Figure 5: Illustration of the five postholes within trench 44 forming a circle

6.4

Excavation of trench 44 revealed five postholes (008), (015), (017), (019) and (021) which form a circle, approximately 3.35 m diameter (see figure 5 and plate 3 below). Each of the postholes was between 0.40-0.42 m in diameter and were circular in shape. One example was 50% excavated (008) which revealed a 0.19 m deep cut [010] with a sudden break of slope at the top, vertical sides and a concave base. The single fill (008) comprised friable mid-orange/grey silty sand with occasional charcoal flecks.

6.5

Due to the discovery of these postholes, and several other anomalies which turned out upon further investigation not to be of archaeological significance, an extended area measuring 234 m² was opened up around the trench, however no further archaeological features were discovered.

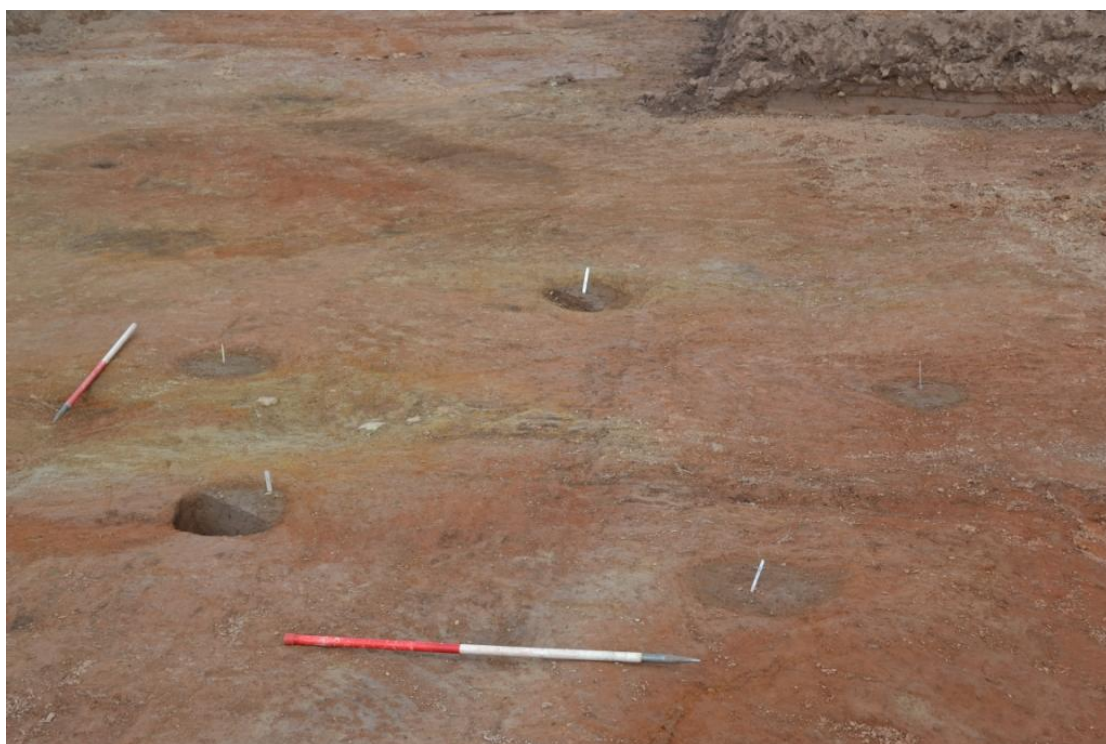


Plate 3: Five post holes in trench 44

6.6

The final archaeological feature to be discovered during the evaluation was the possible pit or terminus of a ditch (009) which was revealed within trench 55. Further excavation would be required to determine the full extent of this feature as it extended outside the trench to the south, but an attempt to define the full extent with trench 87 showed that it does not continue this far to the south (figure 6). The visible part of the feature measured 1.47 m by 0.90 m and a small slot was excavated in order to determine the significance, date and function of the feature. It revealed that the cut [013] of this possible pit/ditch was 0.49 m deep and contained a single fill (009) which comprised friable dark orange/brown silty sand with occasional small stone inclusions (<0.03 m in diameter).

6.7

A few unstratified finds were discovered during the evaluation; these included modern ceramics, a ceramic pipe stem and a fragment possibly from a writing slate. Also discovered, fairly close to the location of the fire pit and postholes, was a very small fragment of flint.



Plate 4: Slot excavated into possible pit or ditch terminus (009) in trench 55

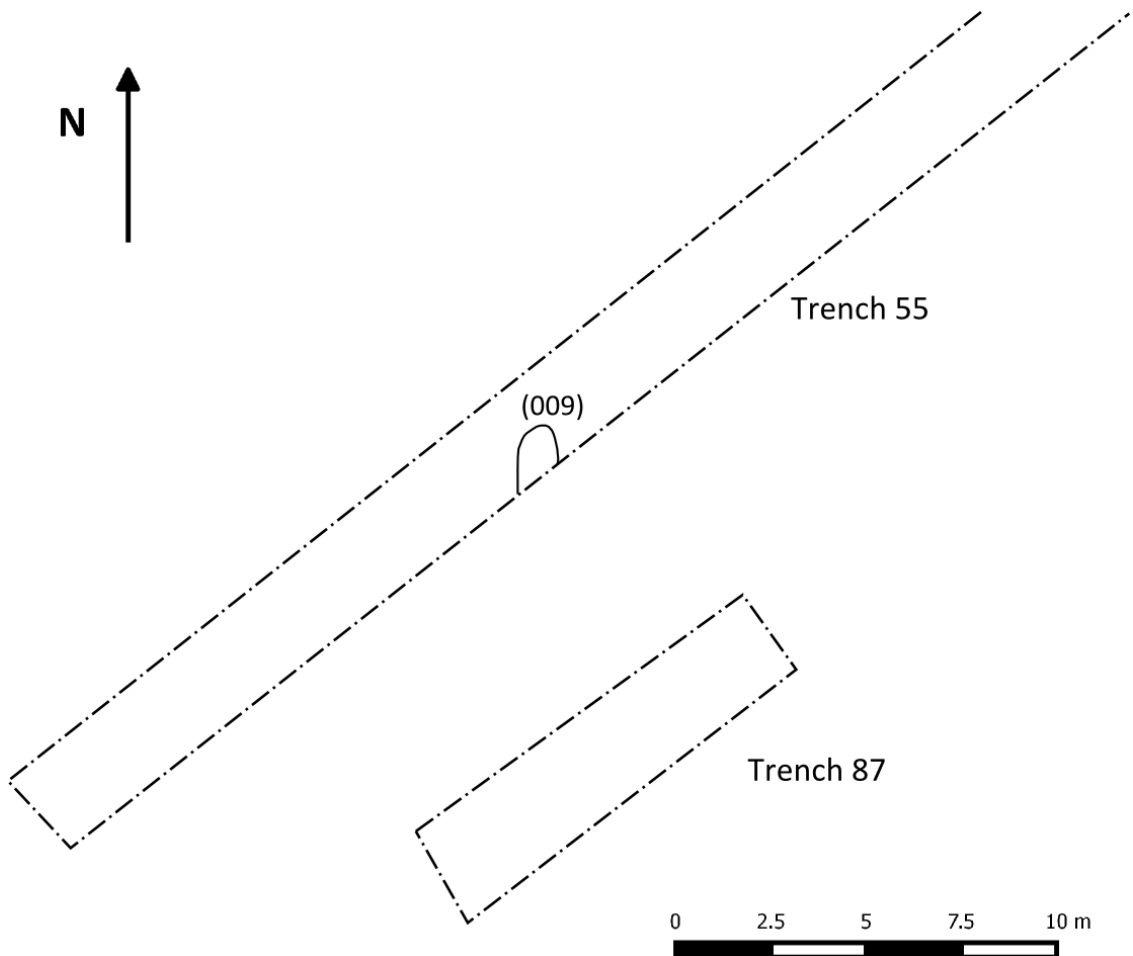


Figure 6: Illustration of the possible pit or ditch terminus (009) in trench 55

7. Discussion and Summary

7.1

The twelve cropmarks that were targeted were all natural in origin and of no archaeological significance. In most cases where the cropmarks were centred there was a change in the natural subsoil to a very stony compacted deposit and in other cases very deep pockets of subsoil.

7.2

Very deep pockets of subsoil were excavated in a large number of trenches in order to reach the natural subsoil, in some cases up to 3 m in depth (see appendix 1, table 2 for further details). An explanation for a number of these is that they are at the bottom of rather steeply sloping land and has been caused by the erosion of the hillside. Where the deeper pockets of subsoil were discovered on the flatter land, it may be the case that much of this material relates to centuries of ploughing.

7.3

The firepit, ditches and post holes along with the possible pottery fragment and piece of flint, are all indicative of possible prehistoric activity. The five postholes in a circle may represent the remains of a small structure and the fire pit might suggest domestic occupation. If this is the case, the lack of further features within the extended areas opened during the evaluation is somewhat surprising but may be attributed to plough truncation of the site.

7.4

The possible pit/ditch terminus at the northern end of site was investigated but as no clear evidence for its date or function was found, it is not possible to speculate further regarding this feature and it may be of some archaeological significance.

8. Recommendations

8.1

The archaeological remains encountered during the evaluation appear to represent prehistoric activity, although they are not extensive and their potential for containing material of high archaeological significance appears low, partly due to extensive plough truncation of the site. The grouping of five post-holes in trench 44, ditches in trench 9, feature in trench 55, and fire pit in trench 4 appear as isolated groups of features and we would recommend that Stage 2 (and if necessary Stage 3) mitigation works be designed and implemented in accordance with the Written Scheme of Investigation (see Appendix 2).

8.2

Due to the isolated nature of the remains it seems possible that further isolated groups of archaeological features or deposits may survive outwith the evaluation trenches. The Stage 2 mitigation works should therefore include a provision for an archaeological watching brief to be conducted during topsoil removal works relating to the development.

9. List of Sources

Maps and Online Sources

<http://www.bgs.ac.uk/discoveringGeology/geologyOfBritain/viewer.html> (accessed 6th May 2015)

Documentary Sources

Becket, A 2015 *St Fort Home Farm Desk Based Assessment*, Northlight Heritage: Glasgow.

10. Appendices

APPENDIX 1: Tables / Concordances

Table 1: Context Information

<i>Context No.</i>	<i>Type</i>	<i>Length (m)</i>	<i>Width (m)</i>	<i>Depth (m)</i>	<i>Description/Interpretation</i>	<i>Stratigraphy and/or phasing info</i>
001	Topsoil	n/a	n/a		Friable, light greyish brown silty sand, abundant small - medium stones cobbles and angular, 0.01m-0.05m	/
002	Natural Subsoil	n/a	n/a	n/a	Loose, medium orange yellow silty sand, occasional small stones, 0.01m-0.05m	/
003	Natural Subsoil	n/a	n/a	n/a	Loose, medium reddish yellow silty sand, abundant small-medium cobbles, 0.01m - 0.10m	/
004	Intermediate Subsoil	n/a	n/a		Friable, medium reddish brown silty sand, occasional small angular stones, 0.01-0.05m	Below 001 Above natural subsoil
005	Natural Subsoil	n/a	n/a	n/a	Firm, medium pinkish red sand, very occasional small stones	/
006	Natural Subsoil	n/a	n/a	n/a	Firm, light yellowish grey sandy clay, no inclusions	/
007	Fill	1.60	1.13	0.12	Fill of oval shaped possible firepit, dark greyish brown silty sand with black patches, abundant cobbles 0.10-0.20m, occasional charcoal flecks	Above 014 Below 001
008	Fill	0.41	0.41	0.19	Fill of posthole [010], friable medium orange grey silty sand, no inclusions	Above 010 Below 001
009	Fill	>1.47	0.90	0.49	Fill of possible pit/ditch terminus [013], dark orange brown silty sand, occasional small stones 0.01-0.03m	Above 013 Below 001
010	Cut	0.41	0.41	0.19	Cut for (008)	Above 006 Below 008
011	Cut	8.00	0.34	Approx 0.15	Cut for (012)	Above 002 Below 012
012	Fill	8.00	0.34	Approx 0.15	Fill of linear ditch [011], firm light greyish brown silty sand, occasional small pebbles	Above 011 Below 001
013	Cut	>1.47	0.90	0.49	Cut for possible pit/ditch terminus (009)	Above 002 Below 009

014	Cut	1.60	1.13	0.12	Cut of firepit (007)	Above 003 Below 007
015	Fill	Approx 0.41	Approx 0.41	Unknown	Fill of posthole [016], same as (008)	Above 016 Below 001
016	Cut	Approx 0.41	Approx 0.41	Unknown	Cut of posthole (015)	Above 006 Below 015
017	Fill	Approx 0.41	Approx 0.41	Unknown	Fill of posthole [018], same as (008)	Above 018 Below 001
018	Cut	Approx 0.41	Approx 0.41	Unknown	Cut of posthole (017)	Above 006 Below 017
019	Fill	Approx 0.41	Approx 0.41	Unknown	Fill of posthole [020], same as (008)	Above 020 Below 001
020	Cut	Approx 0.41	Approx 0.41	Unknown	Cut of posthole (019)	Above 006 Below 019
021	Fill	Approx 0.41	Approx 0.41	Unknown	Fill of posthole [022], same as (008)	Above 022 Below 001
022	Cut	Approx 0.41	Approx 0.41	Unknown	Cut of posthole (021)	Above 006 Below 021
023	Fill	>4.10	0.30	Approx 0.15	Fill of ditch [025], N-S running	Above 025 Below 001
024	Fill	>1.80	0.36-0.60	Approx 0.10	Fill of ditch [026], E-W running	Above 026 Below 001
025	Cut	>4.10	0.30	Approx 0.15	Cut of ditch (023), N-S running	Above 002 Below 023
026	Cut	>1.80	0.36-0.60	Approx 0.10	Cut of ditch (024), E-W running	Above 002 Below 024

Table 2: Trench information

Trench no.	Length (m)	Width (m)	Depth (m)	Topsoil	Intermediate	Subsoil	Notes
1	50	1.80	(SW)-0.41 (M)-0.45 (NE)-0.66	001	n/a	002	/
2	50	2.10	(SE)-0.31 (M)-0.76 (NW)-0.68	001	n/a	003	/
3	50	1.80	(SW)-0.57 (M)-0.64 (NE)-0.76	001	n/a	002 + 003	Shallow ditch running across SW end
4	50	2.10	(SE)-0.49 (M)-0.77 (NW)-0.62	001	n/a	003	Firepit (007) protruding from trench wall at SE end of trench, trench extended at SE end to expose 73m ² area around firepit
5	50	1.80	(SW)-0.56 (M)-0.56 (NE)-0.50	001	n/a	002 & 003	Two linear features running across trench at SW end, plough marks
6	50	2.10	(SE)-0.84 (M)-0.88 (NW)-0.46	001	n/a	002 & 003	/
7	50	1.80	(SW)-0.63 (M)-0.54 (NE)-0.71	001	n/a	002 & 003	/
8	50	2.10	(SE)-0.93 (M)-0.87 (NW)-0.80	001	n/a	002	Crop mark feature appears to relate to patch of gravelly stone
9	50	1.80	(SW)-0.66 (M)-0.70 (NE)-0.60	001	n/a	002 & 003	2 linear ditches running across SW end of trench (012)
10	50	2.10	(SE)-0.90 (M)-0.90 (NW)-0.80	001	n/a	002	/
11	50	2.10	(NW)-0.61 (M)-0.69 (SE)-0.77	001	n/a	002	/
12	50	1.80	(SW)-0.76 (M)-0.60 (NE)-0.47	001	n/a	002	Possible linear feature protruding from SE trench wall near SW end of trench
13	50	2.10	(SE)-0.60 (M)-0.84 (NW)-1.27	001	n/a	002	/
14	50	1.80	(SW)-0.50 (M)-0.46 (NE)-0.70	001	n/a	003	Linear plough marks running across NE end of trench
15	50	2.10	(SE)-1.34 (M)-1.10 (NW)-0.69	001	n/a	002 & 003	/
16	50	1.80	(SW)-0.52 (M)-0.43 (NE)-0.49	001	n/a	002 & 003	4 linear features running across middle of trench, plough marks
17	50	2.10	(SE)-0.55 (M)-0.68 (NW)-0.45	001	n/a	003	modern field drain and cut for older field drain running almost full length of trench, NW end of trench moved N to avoid this
18	50	1.80	(SW)-0.39 (M)-0.40 (NE)-0.47	001	n/a	002 & 003	4 linear features, plough marks
19	50	2.10	(SE)-0.40 (M)-0.50 (NW)-0.43	001	n/a	003	/
20	50	1.80	(SW)-0.47 (M)-0.50 (NE)-0.52	001	n/a	003	5 linear plough marks
21	50	2.10	(NW)-0.60 (M)-0.56 (SW)-0.52	001	n/a	002 & 003	/

22	50	1.80	(NW)-0.55 (M)-0.46 (SE)-0.51	001	n/a	002 & 003	Field drain running across NW end, 5 plough marks spread across rest of the trench
23	50	1.80	(NW)-0.37 (M)-0.53 (SE)-0.53	001	n/a	002 & 003	Field drain running across NW end of trench
24	50	1.80	no depths taken	001	n/a	002 & 003	Field drain running across NE end of trench
25	50	1.80	(SE)-0.98 (M)-0.50 (NW)-0.51	001	n/a	002 & 003	Possible linear feature near SE end
26	50	1.80	(SW)-0.83 (M)-0.70 (NE)-0.45	001	n/a	003	Field drain across NE end
27	50	1.80	(NE)-0.60 (M)-0.63 (SW)-0.46	001	n/a	002 & 003	Plough marks across SW end, old field drain across NE end
28	50	2.10	(NW)-0.64 (M)-0.54 (SE)-1.31	001	(004) 0.92m at SE end	002 & 003	/
29	50	2.10	(NW)-0.58 (M)-0.46 (SE)-0.40	001	n/a	002 & 003	/
30	50	2.10	(SE)-2.01 (M)-0.92 (NW)-0.51	001	(004) 1.0m at SE end	002 & 003	/
31	50	2.10	(NW)-0.45 (M)-0.48 (SE)-0.73	001	n/a	002 & 003	3 possible old pipe/field drains
32	50	2.10	(NW)-0.55 (M)-0.86 (SE)-1.34	001	(004) 0.95m at SE end	003 & 005	Old field drain across NW end of trench
33	50	2.10	(SE)-0.36 (M)-0.58 (NW)-1.03	001	n/a	002 & 003	/
34	50	2.10	(NW)-0.44 (M)-0.73 (SE)-1.35	001	n/a	002, 003 & 006	/
35	50	2.10	(NW)-1.72 (M)-2.03 (SE)-1.53	001	(004) 1.30m at deepest point mid trench	002, 005 & 006	/
36	VOID	VOID	VOID	VOID	VOID	VOID	VOID
37	50	1.80	(SW)-1.13 (M)-0.82 (NE)-0.75	001	n/a	002	/
38	50	1.80	(NE)-0.43 (M)-0.36 (SW)-1.70	001	n/a	002	Field drain across centre of trench
39	50	1.80	(NE)-0.58 (M)-0.98 (SW)-0.82	001	n/a	002, 005 & 006	/
40	50	1.80	(NE)-0.29 (M)-0.51 (SW)-0.53	001	n/a	003, 005 & 006	/
41	VOID	VOID	VOID	VOID	VOID	VOID	VOID
42	50	1.80	(NE)-0.60 (M)-0.67 (SW)-0.46	001	n/a	002	Field drain across SW end of trench
43	50	1.80	(SW)-0.40 (M)-0.80 (NE)-0.63	001	n/a	002	/
44	50	1.80	(SW)-0.70 (M)-0.75 (NE)-0.73	001	n/a	006	Trench was extended an extra 234m ² to expose area around postholes

45	50	1.80	(SW)-0.90 (M)-0.82 (NE)-0.66	001	n/a	002	/
46	50	1.80	(SW)-0.88 (M)-0.50 (NE)-0.50	001	n/a	002	/
47	50	1.80	(SW)-1.04 (M)-0.43 (NE)-0.54	001	n/a	002	/
48	50	2.10	(NW)-0.85 (M)-1.75 (SE)-1.69	001	n/a	002 & 005	/
49	50	2.10	(SE)-0.78 (M)-1.24 (NW)-0.46	001	(004) 0.95m at deepest point mid trench	002, 003 & 005	/
50	VOID	VOID	VOID	VOID	VOID	VOID	VOID
51	50	1.80	(SE)-0.38 (M)-0.44 (NW)-0.52	001	n/a	003	/
52	50	1.80	(SE)-0.54 (M)-0.46 (NW)-0.40	001	n/a	003 & 005	/
53	50	1.80	(SE)-0.60 (M)-0.60 (NW)-0.55	001	n/a	003	/
54	50	2.10	(NW)-0.56 (M)-0.94 (SE)-0.50	001	n/a	002	/
55	50	2.10	(NE)-1.03 (M)-1.83 (SW)-1.17	001	n/a	002 & 005	Elongated pit feature (009) protruding from SE trench wall at SW end of trench
56	50	2.10	(SW)-1.06 (M)-0.93 (NE)-1.51	001	n/a	002 & 005	/
57	VOID	VOID	VOID	VOID	VOID	VOID	VOID
58	VOID	VOID	VOID	VOID	VOID	VOID	VOID
59	VOID	VOID	VOID	VOID	VOID	VOID	VOID
60	50	1.80	(NE)-0.68 (M)-0.51 (SW)-0.66	001	n/a	003	/
61	50	1.80	(NE)-0.53 (M)-0.52 (SW)-0.47	001	n/a	003	Cropmark on plan may relate to gravelly patches
62	50	1.80	(SW)-0.92 (M)-0.76 (NE)-0.62	001	n/a	002, 003 & 005	/
63	50	1.80	(NE)-0.46 (M)-0.57 (SW)-0.59	001	n/a	003 & 005	Plough marks across SW end of trench
64	50	1.80	(SW)-1.22 (M)-0.81 (NE)-0.79	001	n/a	005 & 006	/
65	50	2.10	(NW)-0.50 (M)-0.52 (SE)-0.79	001	n/a	003	Cut for water pipe visible across NW end
66	50	2.10	(SE)-0.48 (M)-0.55 (NW)-0.92	001	n/a	002 & 003	/
67	30	2.10	(NW)-1.38 (M)-2.02 (SE)-2.10	001	(004) 1.40m at SE end	002	/
68		1.80	(SW)-2.80 (M)-2.70 (NE)-0.48	001	(004) 1.60m at mid trench	003 & 005	Trench not full length due to depth, sondage cut at NE 2.80m deep without finding the natural

69	50	1.80	(SE)-0.60 (M)-0.47 (NW)-0.57	001	n/a	002 & 005	/
70	50	1.80	(SE)-0.61 (M)-0.55 (NW)-0.42	001	n/a	002	Plough marks across SE end of trench
71	17	2.10	(SW)-1.13 (M)-0.98 (NE)-0.59	001	n/a	003	/
72	50	1.80	(SW)-0.65 (M)-0.40 (NE)-0.42	001	n/a	002 & 003	/
73	50	1.80	(NE)-0.62 (M)-0.45 (SW)-1.70	001	(004) 1.0m at SW end	002 & 003	/
74	50	2.10	(NE)-0.48 (M)-0.65 (SW)-0.74	001	n/a	002 & 003	Cut for water pipe visible across NW end
75	50	2.10	(NE)-0.98 (M)-2.02 (SW)-0.57	001	(004) 1.50m at mid trench	003 & 005	Water pipe running across SW end of trench
76	VOID	VOID	VOID	VOID	VOID	VOID	VOID
77	VOID	VOID	VOID	VOID	VOID	VOID	VOID
78	50	2.10	(NE)-0.48 (M)-0.48 (SW)-0.69	001	n/a	002 & 003	/
79	50	1.80	(SW)-2.04 (M)-0.75 (NE)-1.71	001	(004) 1.19m at SW end	002 & 003	/
80	50	2.10	(W)-0.54 (M)-0.35 (E)-0.43	001	n/a	002	/
81	50	2.10	(NW)-1.30 (M)-0.75 (SE)-0.59	001	(004) 1.0m at SE end	002 & 003	/
82	50	2.10	(NW)-1.10 (M)-0.65 (SE)-2.0	001	(004) 1.40m at SE end	002 & 005	/
83	50	2.10	(NW)-0.54 (M)-0.43 (SE)-1.43	001	(004) 0.84m at SE end	002 & 003	Field drain running across SE end of trench
84	50	1.80	(SSW)-0.38 (M)-0.65 (NNE)-0.70	001	n/a	005	Plough marks running across NNE end of trench
85	50	1.80	(E)-0.47 (M)-0.42 (W)-0.58	001	n/a	003	/
86	50	1.80	(SSW)-0.55 (M)-0.47 (NNE)-0.39	001	n/a	005	Plough marks running across mid trench
87	10	2.10	(NE)-1.07 (M)-1.15 (SW)-1.03	001	(004) 0.70m throughout trench	005	/
88	14.5	1.80	(N)-0.70 (M)-0.85 (S)-0.60	001	n/a	002	2 linear features (012)
89	29.5	1.80	(E)-0.70 (M)-1.0 (W)-1.0	001	n/a	002	1 linear feature (012)

Table 3: Digital Photographs

<i>Photo No.</i>	<i>Context No.</i>	<i>Description</i>	<i>From (Compass)</i>
1	001	Pre-ex general site	E
2	001	Pre-ex general site	SE
3	001	Pre-ex general site	SE
4	001	Pre-ex general site	W
5	001	Pre-ex of centre trenches	SE
6	001	Pre-ex of centre trenches	S
7	001, 002	Post-ex T1 general	SW
8	001, 002	Post-ex T1 SW half	SW
9	001, 002	Post-ex T1 NE half	NE
10	001, 003	Post-ex T2 general	SE
11	001, 003	Post-ex T2 SE half	SE
12	001, 003	Post-ex T2 NW half	NW
13	001, 003	Post-ex T2 NW half retake	NW
14	001-003	Post-ex T3 general	SW
15	001-003	Post-ex T3 SW half	SW
16	001-003	Post-ex T3 NE half	NE
17	001, 003	Post-ex T4 general	SE
18	001, 003	Post-ex T4 SE half	SE
19	001, 003	Post-ex T4 NW half	NW
20	001-003	Post-ex T5 general	SW
21	001-003	Post-ex T5 SW half	SW
22	001-003	Post-ex T5 NE half	NE
23	001-003	Post-ex T5 NE half retake	NE
24	001-003	Post-ex T6 general	SE
25	001-003	Post-ex T6 SE half	SE
26	001-003	Post-ex T6 NW half	NW
27	001-003	Post-ex T7 general	SW
28	001-003	Post-ex T7 SW half	SW
29	001-003	Post-ex T7 NE half	NE
30	001, 002	Post-ex T8 general	SE
31	001, 002	Post-ex T8 SE half	SE
32	001, 002	Post-ex T8 NW half	NW
33	001-003, 011, 012, 023, 025	Post-ex T9 general	SE
34	001-003, 011, 012, 023, 025	Post-ex T9 SE half	SE
35	001-003	Post-ex T9 NW half	NW
36	001, 002	Post-ex T10 general	SE
37	001, 002	Post-ex T10 SE half	SE
38	001, 002	Post-ex T10 NW half	NW
39	001, 003, 007, 014	Firepit (007) exposed in T4	SW
40	001, 003, 007, 014	close up firepit (007)	ENE
41	001, 002	Post-ex T11 general	SE
42	001, 002	Post-ex T11 SE half	SE
43	001, 002	Post-ex T11 NW half	NW
44	001, 002	Post-ex T12 general	SW
45	001, 002	Post-ex T12 general retake	SW
46	001, 002	Post-ex T12 SW half	SW
47	001, 002	Post-ex T12 NE half	NE
48	001, 002	Post-ex T13 general	SE

49	001, 002	Post-ex T13 SE half	SE
50	001, 002	Post-ex T13 NW half	NW
51	001, 003	Post-ex T14 general	SW
52	001, 003	Post-ex T14 SW half	SW
53	001, 003	Post-ex T14 NE half	NE
54	001-003	Post-ex T15 general	SE
55	001-003	Post-ex T15 SE half	SE
56	001-003	Post-ex T15 NW half	NW
57	001-003	Post-ex T16 SW half	SW
58	001-003	Post-ex T16 NE half	NE
59	001, 003	Post-ex T17 general	SE
60	001, 003	Post-ex T17 SE half	SE
61	001, 003	Post-ex T17 NW half	SE
62	001-003	Post-ex T18 S half	S
63	001-003	Post-ex T18 N half	N
64	001, 003	Post-ex T19 general	SE
65	001, 003	Post-ex T19 SE half	SE
66	001, 003	Post-ex T19 NW half	SE
67	001, 003	Post-ex T20 SW half	SW
68	001, 003	Post-ex T20 NE half	NE
69	001-003	Post-ex T21 general	SE
70	001-003	Post-ex T21 SE half	SE
71	001-003	Post-ex T21 NW half	NW
72	001-003	Post-ex T22 general	NW
73	001-003	Post-ex T22 NW half	NW
74	001-003	Post-ex T22 SE half	SE
75	001, 003	Dark clay smear at NW end of T2	SE
76	001, 003	T2 clay smear showing position in trench	SE
77	001-003	Possible ditch running across SW end of T3	SW
78	001-003	Possible ditch running across SW end of T5	SW
79	001-003	Shallow rectangular feature protruding from E side of T5 near NE end	SW
80	001, 003	Plough mark across NE end of T14 , example of type and depth of plough marks across site	SW
81	001, 003	Close up of SE facing section of plough mark in T14	SE
82	001, 002	Linear feature in T12 coming from E trench edge	SW
83	001-003, 011, 012	Two ditches SW end of T9	SW
84	001-003, 011, 012	Close up ditch T9	NE
85	001-003, 023, 025	Close up ditch T9	SW
86	001-003	Linear feature containing charcoal T15	N
87	001-003	Continuation of old field drain/pipe in T16	SW
88	001, 003	Dark oval feature in T19	NW
89	001-003	Post-ex T23 general	SE
90	001-003	Post-ex T23 SE half	SE
91	001-003	Post-ex T23 NW half	SE
92	001-003	Post-ex T24 general	NE
93	001-003	Post-ex T24 NE half	NE
94	001-003	Post-ex T24 SW half	NE
95	001-003	Post-ex T25 general	NE
96	001-003	Post-ex T25 NE half	NE
97	001-003	Post-ex T25 SW half	NE
98	001, 003	Post-ex T26 general	NE
99	001, 003	Post-ex T26 NE half	NE
100	001, 003	Post-ex T26 SW half	NE

101	001-003	Post-ex T27 general	NE
102	001-003	Post-ex T27 NE half	NE
103	001-003	Post-ex T27 SW half	NE
104	001-004	Post-ex T28 SE half	SE
105	001-004	Post-ex T28 NW half	SE
106	001-003	Post-ex T29 general	SE
107	001-003	Post-ex T29 SE half	SE
108	001-003	Post-ex T29 NW half	SE
109	001-004	Post-ex T30 general	NW
110	001-004	Post-ex T30 NW half	NW
111	001-004	Post-ex T30 SE half	NW
112	001-004	SW facing section of SE end of T30 showing depth	SW
113	001-003	Post-ex T31 general	NW
114	001-003	Post-ex T31 NW half	NW
115	001-003	Post-ex T31 SE half	NW
116	VOID	VOID	VOID
117	001, 003-005	Post-ex T32 general	NW
118	001, 003-005	Post-ex T32 NW half	NW
119	001, 003-005	Post-ex T32 SE half	NW
120	VOID	VOID	VOID
121	001-003	Post-ex T33 general	SE
122	001-003	Post-ex T33 SE half	SE
123	001-003	Post-ex T33 NW half	SE
124	001-003, 006	Post-ex T34 general	NW
125	001-003, 006	Post-ex T34 NW half	NW
126	n/a	Working shot	NW
127	001-003, 006	Post-ex T34 SE half	NW
128	001, 002, 004-006	Post-ex T35 general	NW
129	001, 003, 005, 006	Post-ex T40 general	NE
130	001, 002, 005, 006	Post-ex T39 general	NE
131	001-003	Post-ex T16 general	
132	001-003	Post-ex T16 general	
133	001, 002	Post-ex T37 general	SE
134	VOID	VOID	VOID
135	001, 002	Post-ex T38 general	SE
136	001, 002	Post-ex T43 general	W
137	001, 002	Post-ex T42 general	E
138	001, 002	Post-ex T42 general	W
139	001, 002	Post-ex T42 W half	W
140	001, 002	Post-ex T42 E half	E
141	001, 002	Post-ex T47 general	NE
142	001, 002	Post-ex T47 NE half	NE
143	001, 002	Post-ex T47 SW half	SW
144	001, 002	Post-ex T46 general	NE
145	001, 002	Post-ex T46 NE half	NE
146	001, 002	Post-ex T45 general	SW
147	001, 002	Post-ex T45 SW half	SW
148	001, 002	Post-ex T45 NE half	NE
149	001, 006	Post-ex T44 general	W
150	001, 006	Post-ex T44 general	W
151	001, 006	Post-ex T44 W half	W
152	001, 002	Post-ex T54 general	SE
153	001, 002	Post-ex T54 general	SE
154	001, 003	Post-ex T53 general	SE

155	n/a	Working shot	E
156	n/a	Working shot	SE
157	001, 003, 005	Post-ex T52 general	SE
158	001, 003	Post-ex T51 general	SE
159	001, 003	Post-ex T51 SE half	SE
160	001, 003	Post-ex T51 NW half	SE
161	001-005	Post-ex T49 general	SE
162	001, 002, 005	Post-ex T48 general	NW
163	001, 002, 005	Post-ex T55 general	NE
164	001, 002, 005	Post-ex T55 SW half	SW
165	001, 002, 005, 009, 013	Possible pit feature T55	NE
166	001, 002, 005	Post-ex T56 general	SW
167	001, 003	Post-ex T60 SW half	SW
168	001, 003	Post-ex T60 NE half	NE
169	001, 003	Post-ex T61 SW half	SW
170	001, 003	Post-ex T61 NE half	NE
171	001-003, 005	Post-ex T62 SW half	SW
172	001-003, 005	Post-ex T62 NE half	NE
173	001	Pre-ex T73-75	SW
174	n/a	Working shot	S
175	001, 003, 005	Post-ex T63 general	NE
176	001, 005, 006	Post-ex T64 general	SW
177	001, 005	Post-ex T86 general	NNE
178	001, 005	Post-ex T86 NNE half	NNE
179	001, 005	Post-ex T86 SSW half	NNE
180	001, 005	Post-ex T84 general	NNE
181	001, 005	Post-ex T84 NNE half	NNE
182	001, 005	Post-ex T84 SSW half	NNE
183	n/a	Working shot general site	SE
184	001	Pre-ex T80-83	S
185	n/a	Working shot	NE
186	001, 003	Post-ex T85 general	E
187	001-004	Post-ex T79 general	SW
188	001, 002	Post-ex T70 general	SE
189	001-003	Post-ex T78 general	NE
190	001-003	Possible shallow pit T78	NE
191	001, 002, 005	Post-ex T69 general	SE
192	001, 003-005	Post-ex T68 NW half	NW
193	001, 003-005	Post-ex T68 mid section showing depth	NW
194	001, 003-005	T68 sondage showing depth	NW
195	001, 003-005	Post-ex T68 general	SE
196	001, 003-005	Post-ex T75 general	NE
197	001, 002, 004	Post-ex T67 general	NW
198	001-003	Post-ex T74 general	NE
199	001-003	Post-ex T66 general	SE
200	001-004	Post-ex T73 general	NE
201	001-003	Post-ex T65 general showing cut for water pipe	NW
202	001-003	Post-ex T71 general	NE
203	001-003	Post-ex T72 general	SW
204	001, 002	Post-ex T80 general	W
205	001-004	Post-ex T81 general	NW
206	001, 002, 004, 005	Post-ex T82 general	NW
207	001-004	Post-ex T83 general	NW
208	001, 004, 005	Post-ex T87 general	NE

209	001, 002, 005, 009, 013	Pit feature T55	N
210	001-003, 011, 012, 023, 025	Detail shot linear features T9	S
211	001-003, 011, 012, 023, 025	Detail shot linear features T9	E
212	001-003, 011, 012	N facing section South most linear feature T9	N
213	011-003, 023, 025	S facing section North most linear feature T9	S
214	001, 003, 007, 014	T4 SE end extended area	SE
215	003, 007, 014	Firepit (007) T4	SE
216	001, 006, 008, 010, 016-022	T44 NE end extended area	SW
217	001, 006, 008, 010, 016-022	T44 postholes (008)	SW
218	006, 021, 022	SW facing section of South most posthole (008)	SW
219	001, 006, 008, 010, 016-022	Postholes (008)	NW
220	006	Possible further posthole T44	NW
221	001, 006, 008, 010, 016-022	Showing possible posthole in relation to (008)	N
222	001-003, 011, 012, 023-026	Southwards extension of T9 shows E-W linear and N-S linear	S
223	003, 023-026	Detail of relationship slot of linear features T9	SE
224	003, 023-026	Sections of relationship slot of linear features T9	SE
225	003, 023-026	Plan of relationship slot of linear features T9	SE
226	001-003, 011, 012	T9 extension, linear feature	SE
227	001-003, 011, 012	T9 extension, linear feature	W
228	001-003, 011, 012	T9 extension, W facing section	W
229	001-003, 011, 012, 023-026	General shot of linear features	SE
230	001-003, 023-026	Post-ex T88 (N-S extension of T9), general shot	S
231	001-003	Post-ex T89 (E-W extension of T9), general shot	W
232	001	General site re-instated	E
233	001	General site re-instated	SE
234	001	General site re-instated	S
235	001	General site re-instated	E

APPENDIX 2: Written Scheme of Investigation

Northlight Heritage: Wormit, Fife

Archaeological Evaluation

Written Scheme of Investigation

1.0 Introduction and Background

1.1

This document sets out a written scheme of investigation for archaeological works to be conducted prior to the submission of a planning application at the site of a proposed solar farm development near Wormit, Fife (NO 4075 2525, figure 1), on the behalf of Wormit Solar Farm Ltd. In the first instance the suggested method of investigation is for archaeological evaluation by trial trenching (Stage 1) of the development site.

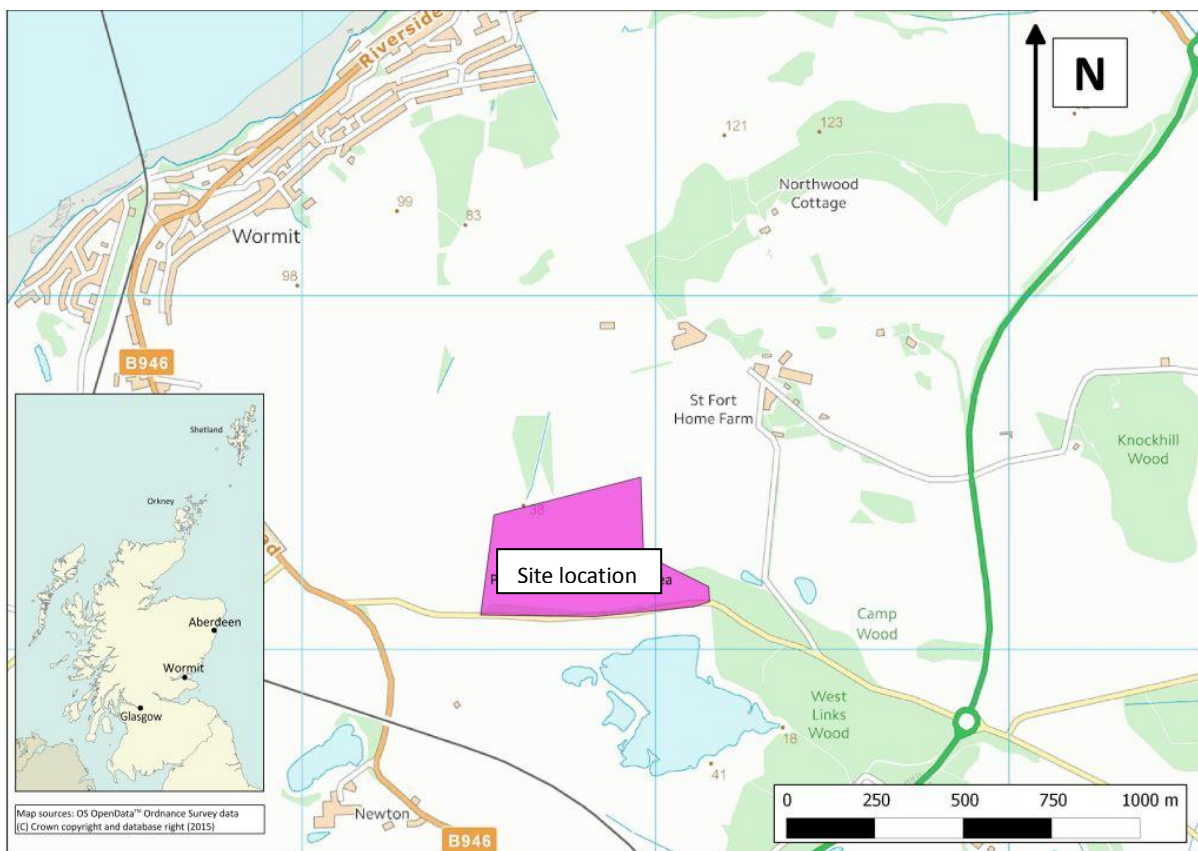


Figure 1: Site location

1.2

Should significant archaeological deposits be present on site there may be requirement for a staged programme of archaeological works (which could include archaeological excavation, watching brief and/or further evaluation as appropriate). The local authority archaeologist will be the final judge of significance for any archaeological remains and may well insist upon full excavation for any remains to be destroyed by the proposals. The detailed methodology to be employed during any Stage 2 mitigation works and Stage 3 post-excavation analysis and publication, would, if required, be specified in addenda to this document, to be called project designs for any proposed fieldwork at Stage 2, and post- excavation research designs for work required at Stage 3.

1.3

These addenda, if required, will be submitted by the applicant for the agreement of the local authority archaeologist, prior to the commencement of any archaeological work, which may be specified in the addenda documents. The local authority will not discharge any future planning condition which require a programme of

archaeological work, until such time as it is satisfied that all Stages of archaeological fieldwork have been completed (in the cases of Stages 1 and 2), or secured by contract (in the case of Stage 3).

1.4

The area to be developed comprises approximately 106,800 m² of land which is intended for development and we would propose that a 7% evaluation of this area (7,476 m²) be conducted through trial trenching. Twelve possible cropmark features within the proposed development area have been identified on aerial photographs of the site and these features, as well as the possibility of previously undiscovered buried remains, will be tested by the scheme of trial trenching.

1.5

The site is located to the southeast of Wormit at approximately NO 4075 2525, just to the southwest of St Fort Home Farm (Figure 1). The site comprises a sloping field at approximately 30 m AOD. The field had been ploughed at the time of a recent walkover survey which was conducted as part of a Desk Based Assessment in March of this year (Becket 2015). The desk based assessment identified a number of cropmarks within the development area and a wider context of significant prehistoric activity, including the nearby Iron Age fort known as Dane's Camp (NMRS: NO42NW 11).

1.6

All stages of work will be funded by the client, Wormit Solar Farm Ltd.

2.0 Aims and Objectives

The aims and objectives of the evaluation are to:

- establish the presence or absence of archaeological remains on site within a 7% sample of the area;
- determine the character, extent and significance of any archaeological remains encountered;
- and, where preservation in-situ is not feasible, provide sufficient information to develop a stage 2 mitigation strategy to excavate and record any significant archaeological features or sites encountered during the evaluation to ensure preservation through record.

3.0 Methodology

3.1

The site comprises sloping agricultural land and evaluation trenches will be positioned to ensure even coverage of the area. The indicative trench plan (Figure 2) will be altered on the ground to target topographic features (such as flatter areas) deemed more likely to contain archaeologically significant material, or to avoid areas (particularly live services or other hazards) in accordance with the site health and safety risk assessment.

3.2

There are 12 possible cropmark sites located within, or partially within the proposed development boundary (numbered 1-12 in Figure 2). These features comprise a series of round and sub-oval anomalies which may represent pits or other sub-surface features. Each feature will be investigated within an evaluation trench. Trenches will be extended, where necessary to define the extent of any archaeological remains encountered.

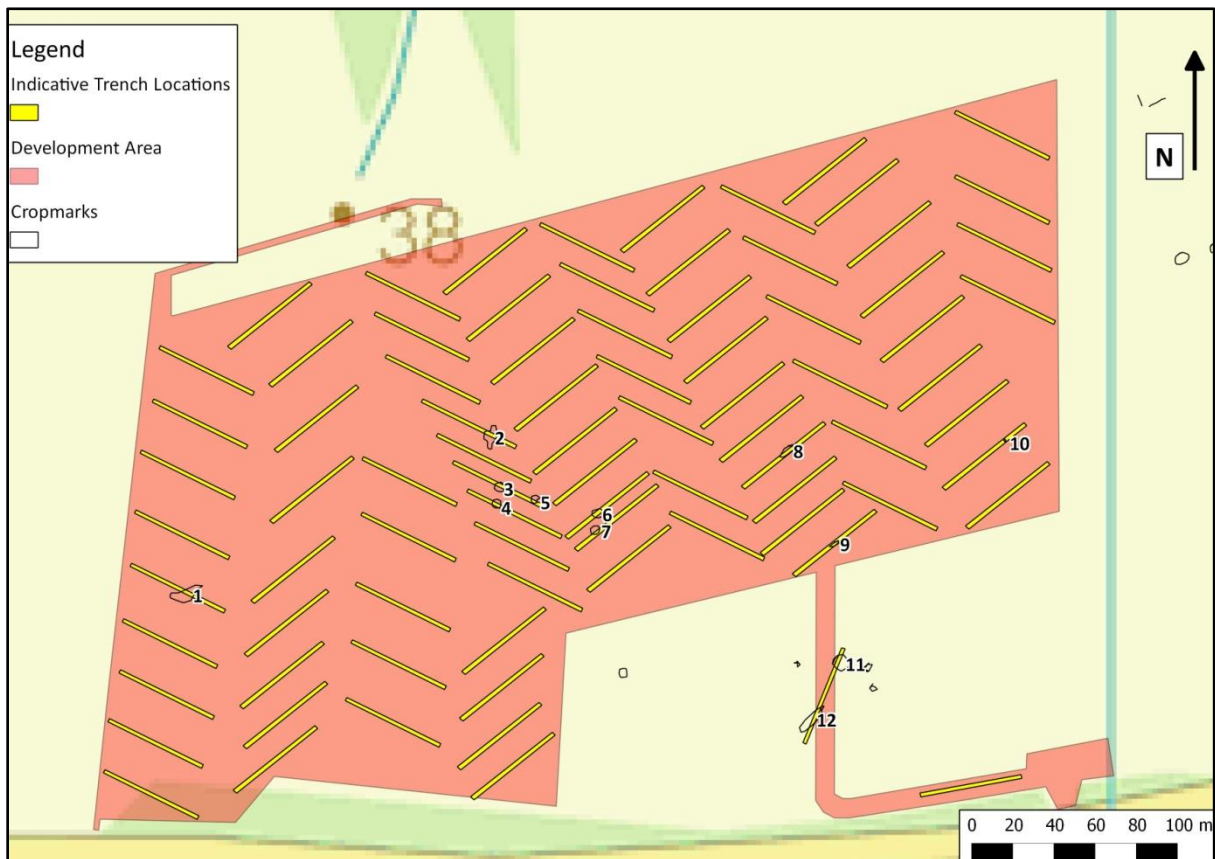


Figure 2: Proposed trench layout (for illustrative purposes only)

3.3

The strategy to be employed during the evaluation will consist of the following:

- Evaluation of the area would require 83 1.8 m wide by 50 m long evaluation trenches (or variation thereon) to be excavated (Figure 2).
- Excavation will be undertaken by mechanical excavator(s) using a toothless ditching bucket under direct archaeological supervision.
- The topsoil, and any subsoil interfaces, will be removed in spits to the level required for the construction works (likely to be the natural subsoil) or the first archaeological horizon. Any archaeological features encountered will be cleaned by hand to help determine the date of the deposits, their character and extent. Such features will be recorded by written description on pro forma recording sheets, by photograph and by measured drawing.
- An appropriate number of archaeological features encountered will be investigated by the on-site archaeologists. Should negative-cut features be encountered a representative sample of them will be 50% excavated in order to determine their significance, date and function.
- In the event that discovered features are deemed to be of archaeological significance, trenches will be extended to investigate the broader area surrounding them and, if possible within the scope of the evaluation works, establish the full extent of the archaeological remains. Linear features will be sample excavated to establish their character and potential date. Isolated features will be 100% excavated where possible.
- Recording will include pro forma sheets, drawings and photographs.
- All archaeological finds will be dealt with by the on-site archaeological team. The general practice will be to bulk recover all artefacts by context. Finds which are of particular sensitivity or importance may require specialist conservation assessment.
- All excavated feature fills and horizons will be sampled for artefactual and palaeo-environmental evidence. Where appropriate, this may also include micromorphological sampling in order to address key issues on soil development at the site.
- Where archaeological deposits or features prove to be present, and particularly extensive, numerous or complex are encountered, the client will be informed and a site meeting will be held between all relevant parties to agree the most appropriate strategy. Where preservation in-situ is not feasible, this will generally comprise a need to develop a stage 2 mitigation strategy to locate, excavate and record

any significant archaeological features or sites encountered during the evaluation to ensure preservation through record.

- Due to the close proximity of the development to a residential area trenches will be backfilled and reinstated at the end of each day. In the case of trenches containing archaeology, these may require to be kept open overnight in which case hazard-tape will be erected around the open trench.
- All trenches will be surveyed in to the OS grid.

4.0 Reporting

4.1

Should the evaluation encounter no or limited archaeology a single data structure report will be produced outlining the circumstances and results of the project. Should archaeological deposits or features prove to be present, and particularly extensive, numerous or complex, the results of stage 2 works will take the form of data structure report for each area or concentration of features as appropriate. Drafts of these reports will be submitted to the local authority archaeologist for agreement within four weeks of the completion of fieldwork. These reports will outline the main results of the fieldwork and incorporate lists of all features, finds, samples, photographs and drawings. They will be produced in-house by Northlight Heritage as a desk-top published document and disseminated in digital formats.

4.2

In the circumstances of significant archaeological remains having been excavated, additionally a post-excitation research design will be produced (within three months of the completion of fieldwork) making recommendations for Stage 3 works including further analysis and publication (within one year of the completion of fieldwork). Implementation of any recommendations offered would however be conditional on meeting the approval of the local authority.

4.3

Final decisions on the need for further work, and on the detailed specification of the character of that work, rest with planning authority.

4.4

Northlight Heritage will also implement the standards and requirements of the Online Access to the Index of Archaeological Investigations (OASIS) and Discovery and Excavation in Scotland.

4.5

Copies of the reports will be provided to the developer, to the local authority and to the National Monuments Record for Scotland. Further copies can be distributed to other recipients if requested and specified.

5.0 Copyright

Unless otherwise agreed copyright for any report resulting from the archaeological work undertaken as part of the project will be deemed the intellectual property of York Archaeological Trust.

6.0 Human Remains, Archive Arrangements and Finds Disposal

6.1

In the unlikely event that human remains are encountered during the fieldwork the client, the local police and the local authority will be notified immediately and no further work will take place on site until agreement on how to proceed has been reached with all parties.

6.2

Northlight Heritage will ensure that the project archive is prepared and ready for submission within six months of the completion of all fieldwork or post-excitation work (as appropriate). The resultant site archive will be deposited with the National Monuments Records for Scotland.

6.3

The laws relating to Treasure Trove and Bona Vacantia in Scotland apply to all finds where the original owner

cannot be identified. This includes all material recovered during archaeological fieldwork. Accordingly, all assemblages recovered from archaeological fieldwork are claimed automatically by the Crown and must be reported to the Scottish Archaeological Finds Allocation Panel through its secretariat, the Treasure Trove Unit. In the event of the discovery of small finds on the programme of archaeological works, a filled-out copy of the form "Declaration of an Archaeological Assemblage from Fieldwork" and two copies of the pertinent Data Structure Report will be submitted to the Panel at the conclusion of the fieldwork. The Panel will then be responsible for recommending to the Queen's and Lord Treasurer's Remembrancer (QLTR) which museum should be allocated the finds.

6.4

All artefacts will be stored temporarily by Northlight Heritage until a decision has been made by the Panel regarding the museum which will be allocated the finds for permanent curation. All finds will be transferred to the appropriate museum within six months of completion of the fieldwork, if no post-excavation work is required, or at the end of the latest finishing post-excavation programme.

In the event that unallocated finds recovered from the site require to be removed from Scotland, for the purposes of post-excavation analysis, Northlight Heritage will be legally required to obtain the consent of the QLTR, in the form of a loan agreement. Initially, an indication of intent would be registered with the Treasure Trove Secretariat at the National Museums of Scotland, after which formal consent would be applied for using the form "Application for authority to borrow unallocated Treasure Trove for research purposes". A consent form, signed by the QLTR and specifying conditions (such as the period during which finds may be held outside Scotland) would then be issued. Northlight Heritage will require to be in receipt of this signed consent form before items may be removed from the country.

7.0 Timetable

Evaluation Fieldwork – w/b 27 April 2015 (TBC)

8.0 Staffing

Director – Steven Black

Project Manager – Alastair Becket

Field Staff - TBC

9.0 Health and Safety and Insurance

9.1

Prior to fieldwork commencing a risk assessment of the project will be undertaken. Northlight Heritage, as part of York Archaeological Trust, adheres to all standard Health and Safety regulations governing fieldwork projects.

9.2

Northlight Heritage also possess appropriate third party/public liability insurance cover, proof of which may be supplied upon request.

10.0 Standards and Monitoring Procedures

10.1

Northlight Heritage adheres to standards set by the Institute of Archaeologists Standards and Guidance Notes and Historic Scotland's various Operational Policy Papers.

10.2

The local authority archaeologist will have a formal monitoring role on behalf of the local authority.

10.3

Northlight Heritage will notify the local authority and the developer or the developer's designated agent immediately of any significant or complex discoveries, or other unexpected occurrences which might significantly affect the archaeological work and/or the development.

10.4

Alastair Becket will be the dedicated archaeological project manager for all the works outlined above and will be the first point of contact for any project-related liaison with the local authority and the developer or the developer's agent for all formal logistical, administrative and financial aspects of the archaeological project.

10.5

All discoveries of significant archaeology will be reported by the site director to the Northlight Heritage project manager immediately. The manager will in turn inform the local authority and the developer or the developer's representative, in order to allow any necessary discussion and planning for appropriate actions arising to take place.

10.6

It will be important to ensure that all formal communication, requests (including any proposed amendments to on-site strategies) and contacts be made, ultimately in writing and in the first instance to the project manager (as opposed to the site director or other members of the on-site team), to ensure organisational, administrative and financial efficiency.

10.7

Any site visitors, including local authority representatives and employees on official business, will be required to conform to the health and safety regime in place during the fieldwork programme.

11.0 Bibliography

Becket, A 2015 Wormit, Fife, Desk Based Assessment. Northlight Heritage Report 134. Glasgow.

Alastair Becket

Northlight Heritage 14 April 2015

APPENDIX 3: DES

LOCAL AUTHORITY:	Fife
PROJECT TITLE/SITE NAME:	Wormit Solar Farm
PROJECT CODE:	NLH0053
PARISH:	Balmerino and Wormit
NAME OF CONTRIBUTOR:	Steven Black
NAME OF ORGANISATION:	Northlight Heritage
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S):	
SITE/MONUMENT TYPE(S):	
SIGNIFICANT FINDS:	
NGR (2 letters, 8 or 10 figures)	NO 4075 2525
START DATE (this season)	27 th April 2015
END DATE (this season)	1 st May 2015
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>An archaeological evaluation was undertaken at the proposed site of a solar farm southeast of Wormit, Fife. Seventy seven trenches, totalling an area of 7630.96 sq. m, were excavated across the proposed development area, equivalent to approximately 7% of the area to be developed.</p> <p>Five postholes, a fire pit and a series of intercutting ditches were discovered in a congregation at the southern end of the site, as well as one possible isolated pit at the north eastern end of the proposed site.</p>
PROPOSED FUTURE WORK:	Archaeological excavation and watching brief
CAPTION(S) FOR ILLUSTRS:	
SPONSOR OR FUNDING BODY:	Wormit Solar Farm Ltd.
ADDRESS OF MAIN CONTRIBUTOR:	York Archaeological Trust, 47 Aldwark, York, YO1 7BX
EMAIL ADDRESS:	archaeology@yorkat.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record for Scotland (intended)