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Geophysical Survey

Historic Building Recording

Site & Landscape Survey

Interpretation, Design & Display

Former Cookridge Hospital

**Archaeological Evaluation** 

Report No. Y018/11

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Former Cookridge Hospital Leeds West Yorkshire

Archaeological Evaluation

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Fig. 1 Site and Trench Location

## **Summary**

An archaeological evaluation was carried out on land at the Former Cookridge Hospital, Leeds. Thirteen trenches were excavated and recorded. Other than modern building foundations, drains and other services no archaeological remains were encountered, and no finds were recovered.

## 1. INTRODUCTION

#### 1.1 General

This report presents the results of an archaeological evaluation undertaken by CFA Archaeology Ltd (CFA) between 18 and 19 July 2011, on land at the former Cookridge Hospital, Leeds. The work was commissioned by Prospect Archaeology Ltd on behalf of Chartford Arthington Ltd to evaluate the archaeological potential of the proposed development area prior to the construction houses, access roads and associated services. The CFA code and number for the project is COOH/2020.

All work was undertaken in accordance with a brief (Appendix 3) issued by Rebecca Remmer of the West Yorkshire Archaeology Advisory Service (WYAAS).

#### **1.2** Site Location and Description

The site is located on a steep south-facing slope at about 145m above the ordnance datum (AOD), on the site of a former hospital in Cookridge, Leeds (Fig. 1, NGR: SE 2540 3880). The general area is heavily wooded though surrounded by modern suburban development. The hospital buildings are arranged on a series of terraces down the hillside.

#### 1.3 Historical and Archaeological Background

A desk-based assessment of the site was undertaken by Prospect Archaeology. The following summarises the cultural heritage resource in the immediate area, after that document (Rosenberg 2010).

Prehistoric sites are known from the woodland in the area of Cookridge Hospital, including stone hut-circles and associated rubble banks at Iveson and Clayton Woods.

A Roman fort was located at Adel and was the closest settlement of that date to the site, though Roman coins have been recorded from the area and a beehive quern was found in Ireland Wood in 1968.

There is a scheduled monument in Ireland Wood believed to be medieval, though there is no clear dating evidence. The scheduled area extends into the northern part of the hospital grounds. It is likely that the area of the site was woodland at the time of the Domesday survey and Kirkstall Abbey acquired land at Cookridge, possibly including the area of the site in the 12th century. The manor of Cookridge eventually became part of the estates of the Duke of Buckingham and Normanby. The site appears to have been woodland throughout the 18th century.

John Metcalfe Smith, constructed the original Cookridge Convalescent Hospital in 1868, it was designed by Richard Norman Shaw, a well known and popular architect at the time. This along with a number of others within the grounds of the former hospital is a listed building. The buildings continued in use as a hospital with various buildings being added through the later 20th century.

#### 1.4 Previous Archaeological work

A desk-based assessment (DBA) and walkover survey was undertaken on the site by Prospect Archaeology (Rosenberg 2010). Well preserved and scheduled prehistoric and medieval earthworks are located in the immediate vicinity of the site. There have been a few stray finds made that suggest Roman period activity in the area, but no *in situ* remains have been found. Medieval earthworks in 'Ireland Wood' are likely to extend into the north of the Hospital Grounds

An earlier phase of evaluation in the southern area of the site recorded no archaeological features and no finds (Lightfoot 2011). The has been no other intrusive archaeological investigation in the remaining area.

#### 1.5 Objectives

The general objectives of the evaluation were to establish the presence or absence of archaeological remains; assess their character, and; produce a report to enable judgements to be made on the significance of those remains and any mitigation that may be necessary.

The research objectives were to interpret any archaeological remains according to their significance in contributing to the further understanding of whichever period they may relate to, and in the context of research frameworks for the period, area or region.

## 2. WORKING METHODS

#### 2.1 Evaluation

All machining was undertaken using a toothless ditching bucket under constant archaeological supervision. In the absence of archaeological remains the trenches were excavated to the top of natural geological deposits.

The trenches were located in order to sample the areas affected by the development, these were namely the footprints of proposed buildings. The level of trenching was as follows:

Trench	Dimensions	Area
1	20 x 1.8m	36m <sup>2</sup>
2	15 x 1.8m	27m <sup>2</sup>
3	25 x 1.8m	45m <sup>2</sup>
4	20 x 1.8m	36m2
5	30 x 1.8m	54m2
6	20 x 1.8m	36m2
7	7 x 1.8m	12.6m2
8	40 x 1.8m	72m2
9	23 x 1.8m	41.4m2
10	5 x 1.8m	9m2
11	15 x 1.8m	27m2
12	12 x 1.8m	21.6m2
13	14 x 1.8m	25.2m2

Due to on-site constraints, the locations dimensions and orientations of the trenches were not as originally anticipated; though an effort was made to make them as close to the original locations as was intended. The actual trench locations are shown on Figure 1.

All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, photography and by completing standard CFA recording forms.

The stratification of all excavated areas was recorded whether or not significant archaeological deposits were identified.

Trench positions were surveyed using industry standard electronic surveying equipment and trenches were backfilled on completion of the fieldwork.

#### 2.2 Standards and Guidance

CFA Archaeology is a registered organisation (RO) with the Institute for Archaeologists (IfA). All work was conducted in accordance with relevant IfA Standards and Guidance documents (IfA 1996, 2001), English Heritage guidance (EH 2002, 2005, 2006, 2008a, 2008b and 2008c), and CFA's standard methodology.

## 2.3 Monitoring

The trial trenching was monitored by WYAAS who were informed in advance of the works taking place.

#### 2.4 Archiving

The project archive, comprising all CFA record sheets, finds, plans and reports, will be deposited with Leeds museum according to an agreed timescale, will be ordered according to current guidelines and to nationally recognised standards (UKIC 1990, 2001, MGC 1994, SMA 1995, Ferguson and Murray 1997 and Brown 2007).

## 3. **RESULTS**

No archaeological remains and no finds were recovered from any of the trenches; though drains and cables were noted. See plates 1-13 for photographs for each excavated trench. A context summary forms Appendix 2. Summaries of the results for each trench are in the tables below.

#### Trench 1

Trench 1 was within the area of a demolished building. Loose, re-deposited topsoil, mixed with construction debris such as bricks, plastic coated wire and modern pottery was present. Beneath this was the natural geological layer, disturbed in places by drains, associated with the demolished building.

Trench 1				
Orientation: W	/est - East			
Dimensions: L	ength 20m, Depth (	0.65m (max)		
Context :	ntext : Context Type: Description:			
100	Natural	Orange, frequent degraded sandstone		
101	101 Layer Mix of topsoil and construction debris			
Trench 1 contained no archaeological remains,				
Plate 1(Photograph numbers 37 & 38)				

#### Trench 2

No topsoil was present in Trench 2, though there were three distinct layers of building rubble, and one of re-deposited natural visible before the natural geological layer was reached.

Trench 2			
Orientation: N	Orientation: Northwest - southeast		
Dimensions:	Length 15m, Depth	1.2m (max)	
Context :	Context Type:	Description:	
201	Layer	Mixed rubble / compacted clay	
202	Layer	Mixed black soil / rubble	
203	203 Natural Yellow clay frequent degraded sandstone		
204	Layer	Loose yellow sand – re-deposited natural	
205 Layer Mixed sand / rubble including bricks and gravel			
Trench 2 contained no archaeological remains			
Plate 2 (Photograph Numbers 61-62)			

#### Trench 3

This trench was located in the southwest corner of the site. Topsoil was present to a depth of 0.4m and two modern land drains were visible running east-west cutting the natural deposits.

Trench 3			
Orientation: N	orthwest - Southeas	st	
Dimensions: I	ength 25m Depth 0	.5m (max)	
Context s:	Context s: Context Type: Description:		
300	Layer	Dark grey topsoil	
301	301 Natural Grey clay degraded sandstone, natural geological		
Trench 3 contained no archaeological remains and no finds were recovered, the trench			
contained two modern drains.			
Plate 3 (Photograph Numbers: 57-58)			

Excavation of this trench was almost immediately onto the natural geology, through a layer of building rubble. Two modern land drains and possible rubble foundations were cut into the natural.

Trench 4				
Orientation N	ortheast - Southwe	est		
Dimensions L	ength 20m Depth	0.5m		
Contexts	Contexts Context type Description			
400	400 Layer Mixed rubble /gravel			
401 Natural Yellowish brown, degraded sandstone				
Trench 4 contained no archaeological remains				
Plate 4 (Photograph Numbers: 59-60)				

#### Trench 5

This trench was located in the southwest corner of the site. Topsoil was present to a depth of 0.55m, and a modern land drain was noted running east-west in the southern end of the trench.

Trench 5				
Orientation: N	lortheast - Southw	vest		
Dimensions L	ength 30m Depth	0.75m		
Contexts	Contexts Context Type Description			
500	Layer	Dark grey topsoil		
501	501 Natural Yellow / orange, degraded sandstone			
Trench 5 contained no archaeological remains				
Plate 5 (Photograph Numbers 55-56)				

## Trench 6

No topsoil was present in this trench. A layer of mixed modern construction debris overlaid the natural geological layer which was cut by four modern features probably removed services.

Trench 6				
Orientation: N	orthwest - Southe	east		
Dimensions: I	Length 20m Depth	1 0.5m		
Contexts	Contexts Context Type Description			
600	Natural	Orange brown firm sand		
601	601 Layer Mixed rubble/ brown sand			
Trench 6 contained no archaeological remains, only modern features				
Plate 6 (Photograph numbers 53-54)				

Trench 7 was cut short to the south by the presence of a large concrete foundation. Modern construction debris was present at the north of the trench, underlying a thin layer of topsoil.

Trench 7			
Orientation: North - South			
Dimensions: Length 7m Depth 0.55m			
Contexts	Context Type	Description	
700	Natural	Yellow, natural geological layer	
701	Topsoil	Dark grayish brown sand	
702	Layer	Greenish brown sand, concrete & tarmac	
Trench 7 contained no archaeological remains			
Plate 7 (Photograph Numbers 51-52)			

#### Trench 8

Trench 8 was located in the north of the site, no topsoil was present, only a thick layer of building rubble which included a distinct gravel layer possibly the foundation for a road, which overlay the natural geological layer.

Trench 8			
Orientation: Northwest - Southeast			
Dimensions: Length 40m Depth 0.9m			
Contexts	Context Type	Description	
800	Natural	Yellow, degraded sandstone	
801	Layer	Mixed rubble including modern bricks & grey gravel	
Trench 8 contained no archaeological remains			
Plate 8 (Photograph Numbers: 49-50)			

#### Trench 9

Trench 9 was located from within the footprint of a modern demolished building to the road outside, and consisted of building rubble overlaying the natural geological layer. Building foundations (gravel for hard standing) and concrete blocks (kerbstones) were observed cutting the natural.

Trench 9			
Orientation: Northwest - Southwest			
Dimensions: Length 23m Depth 0.5m			
Contexts	Context Type	Description	
900	Natural	Yellowish orange, degraded sandstone	
901	Layer Mixed rubble including gravel, wire & plaster fragments,		
	coal fragments and concrete blocks		
Trench 9 contained no archaeological remains, only evidence of modern building foundations			
Plate 9 (Photograph Numbers: 47-48)			

Trench 10 was located in the northeast of the site and was shortened due to the presence of an active gas main. It consisted of topsoil overlaying natural geology.

Trench 10			
Orientation: Northwest – Southeast			
Dimensions: Length 5m Depth 0.65m			
Contexts	Context Type	Description	
1000	Topsoil	Dark brownish grey loose sand	
1001	Natural	Light grey to south, orange to north, degraded sandstone	
Trench 10 contained no archaeological remains			
Plate 10 (Photograph Numbers: 39-40)			

#### Trench 11

Trench 11 was located on the edge of woodland in the north-eastern part of the site. It consisted of topsoil overlaying the natural geological layer. No subsoil was present.

Trench 10			
Orientation Northeast - Southwest			
Dimensions: Length 15m Depth 0.5m			
Contexts	Context Type	Description	
1100	Natural	Orange light to north, dark to south, degraded sandstone	
1101	Topsoil Dark brownish grey loose sand		
Trench 11 contained no archaeological remains			
Plate 11 (Photograph Numbers: 43-44)			

## Trench 12

Trench 12 was located to the north of Trench 11 bordering woodland and the scheduled area. Within it a thin layer of topsoil was observed overlaying construction debris, including concrete blocks and gravel for hard standing cut into the natural geological layer.

Trench 12			
Orientation: Northwest – Southeast			
Dimensions: Length 12m Depth 0.2m			
Contexts	Context Type	Description	
1200	Natural	Yellowish orange, degraded sandstone	
1201	Topsoil Dark brownish grey loose sand		
1202	Layer	Building rubble including gravel, bricks and concrete	
Trench 12 contained no archaeological remains, only construction debris			
Plate 12 (Photograph Numbers: 45-46)			

Trench 13 contained a thin layer of topsoil mixed with building rubble; excavation almost immediately came on the natural geological layer. To the north of the trench, a thicker topsoil could be seen indicating that topsoil stripping had previously taken place in this area.

Trench 13			
Orientation: We	est - East		
Dimensions: Length 14m Depth 0.2m			
Contexts	Context Type	Description	
1300	Natural	Orange, degraded sandstone	
1301	Topsoil Mixed dark brownish grey loose sand with brick fragments &		
		gravel	
Trench 13 contained no archaeological remains			
Plate 13 (Photograph Numbers: 41-42)			

## 4. CONCLUSIONS

No archaeological remains were encountered during the course of the trenching and no finds were recovered from any of the trenches. Much of the site has been terraced to provide level surfaces for the construction of the hospital buildings. Prior to the terracing, the site would have been on a fairly steep slope. While pre-modern activity on the site is not inconceivable, it is likely that over the course of time, colluvial soil movement and erosion, the terracing itself and the construction of the hospital buildings would have removed any evidence if present.

Nearly all the trenches contained modern disturbance, and no pre-modern finds were recorded within the topsoil, or the spoil heaps on the site.

Despite the constraints to undertaking the trenching, it may be stated with a fair degree of confidence that the lack of archaeological remains recorded, represents an accurate evaluation of the archaeological potential of the site.

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Photo Number	Description	Facing
1-36	Working shots and views of Cookridge	Various
	Hospital	
37	Trench 1 post ex	NW
38	Trench 1 post ex	SE
39	Trench 10 post ex	NW
40	Trench 10 post ex	SE
41	Trench 13 post ex	Е
42	Trench 13 post ex	W
43	Trench 11 post ex	NE
44	Trench 11 post ex	SW
45	Trench 12 post ex	SE
46	Trench 12 post ex	NW
47	Trench 9 post ex	SE
48	Trench 9 post ex	NW
49	Trench 8 post ex	SE
50	Trench 8 post ex	NW
51	Trench 7 post ex	Ν
52	Trench 7 post ex	S
53	Trench 6 post ex	NW
54	Trench 6 post ex	SE
55	Trench 5 post ex	SE
56	Trench 5 post ex	NW
57	Trench 3 post ex	SE
58	Trench 3 post ex	NW
59	Trench 4 post ex	NE
60	Trench 4 post ex	SW
61	Trench 2 post ex	SE
62	Trench 2 post ex	NW

# **APPENDIX 1: Photographic Register**

# **APPENDIX 2: Context Register**

Context	Area	Description	
100	Trench 1	Mid orange firm silty sand, natural	
101	Trench 1	Dark greyish brown loose sand, mixed topsoil & construction debris	
201	Trench 2	Top layer mixed rubble and yellow clay	
202	Trench 2	Mixed black silty clay and building rubble	
203	Trench 2	Yellow firm sandy clay, natural layer	
204	Trench 2	Mid yellowish brown loose silty sand, re-deposited natural	
205	Trench 2	Mid brown loose silty sand mixed with bricks and gravel	
300	Trench 3	Dark grey loose silty sand, humic in nature, topsoil	
301	Trench 3	Grey soft clay, natural layer	
400	Trench 4	Yellow hard rubble	
401	Trench 4	Yellowish Brown firm silt, degraded sandstone, natural layer	
500	Trench 5	Dark grey loose sand, topsoil	
501	Trench 5	Yellow / orange loose sand, natural layer	
600	Trench 6	Orange brown sandy loam, natural layer	
601	Trench 6	Mixed modern rubble and soil	
700	Trench 7	Yellow soft sandy loam, natural layer	
701	Trench 7	Dark grayish brown loose sand, topsoil	
702	Trench 7	Mid greenish brown firm sand, mixed with concrete and tarmac.	
800	Trench 8	Yellow soft sandy loam, natural layer	
801	Trench 8	Building rubble including bricks, gravel and yellow sandstone	
900	Trench 9	Mid yellowish orange compact sandy silt, degraded sandstone	
901	Trench 9	Building rubble including bricks, gravel, wire & plaster, concrete blocks	
1000	Trench 10	Dark brownish grev loose sand, humic in nature, topsoil	
1001	Trench 10	Light grey / mid orange firm sandy silt degraded sandstone, natural	
		layer	
1100	Trench 11	Mid-dark orange firm silt, degraded sandstone, natural layer	
1101	Trench 11	Dark brownish grey loose sand humic in nature, topsoil	
1200	Trench 12	Mid yellowish orange firm sandy silt, degraded sandstone, natural	
1201	Trench 12	Dark brownish grey loose sand, humic in nature, topsoil	
1202	Trench 12	Construction debris including gravel, concrete and bricks	
1300	Trench 13	Mid orange loose sandy silt, degraded sandstone, natural layer	
1301	Trench 13	Dark brownish grey loose sand humic in nature, topsoil	

Plates 1-15





Plate 2: Trench 2 Looking Northwest



Plate3: Trench 3 Looking Northwest



Plate1: Trench 1 Looking West



Plate 6: Trench 6 Looking Northwest



Plate 7: Trench 7 Looking South



Plate 8: Trench 8 Looking Northwest

Plate 4: Trench 4 Looking Southwest



Plate 9: Trench 9 looking Southeast



Plate 5: Trench 5 Looking Northwest



Plate 10: Trench 10 Looking Northwest







Plate 12: Trench 12 Looking Southeast



Plate 13: Trench 13 looking Northeast



Plate 14: View of the Site Looking Southeast



Plate 15: Working Shot, Excavation of Trench 4 Looking North



#### WEST YORKSHIRE ARCHAEOLOGY ADVISORY SERVICE SUMMARY SHEET ARCHAEOLOGICAL FIELDWORK IN WEST YORKSHIRE

Site name/ Address: Former Cookridge Hospital, Leeds		
Township: Adel cum Eccup	District: Leeds	
National Grid Reference: SE 254 390		
Contractor: CFA Archaeology		
Date of Work: July 2011		
Title of Report: Former Cookridge Hospital, Leeds, Arc	haeological Evaluation	
Date of Report: 25/02/2011		
Date of Report: 25/02/2011 SUMMARY OF FIELDWORK RESULTS: An archaeological evaluation was carried out on land at the Former Cookridge Hospital, Leeds. Thirteen trenches were excavated and recorded. Other than modern building foundations, drains and other services no archaeological remains were encountered, and no finds were recovered.		
Author of summary: Martin Lightfoot	Date of summary: 28/07/2011	