

# Former Bartlemas Nursery School Oxford



## Archaeological Evaluation Report



June 2008

**Client:**  
Marcus Beale Architects Ltd on  
behalf of Oriel College, Oxford

Issue No: 1  
NGR: SP 524 055



**Client Name:** Marcus Beale Architects Ltd on behalf of  
Oriol College, Oxford

**Client Ref No:** N/A

**Document Title:** Former Bartlemas Nursery School, Oxford

**Document Type:** Evaluation Report

**Issue Number:** 1

Grid Reference: SP 524 055  
Planning Reference:

OA Job Number:  
Site Code: OXFBNS08  
Invoice Code: OXFBNSEV  
Receiving Museum: Oxford Museum  
Museum Accession No: TBC  
Event No: TBC

Prepared by: Robin Bashford  
Position: Supervisor  
Date: 20<sup>th</sup> June 2008

Checked by: Ben Ford  
Position: Project Manager  
Date: 25<sup>th</sup> June 2008

Approved by: Nick Shepherd      Signed.....  
Position: Head of Fieldwork  
Date: 27<sup>th</sup> June 2008

Document File Location projects on 'server 1' X:\Oxford Bartlemas\Evaluation\Report  
Graphics File Location Servergo:/oapubs1\_ltoQ\*OXFBNSEV\*Former Bartlemas School\*GS\*Amd\*GS  
13.06.08 and projects on 'server 1' X:\Oxford Bartlemas\Evaluation\010  
Geomatics\02 CAD\001 current\Oxford\_Bartlemas\_Current\_300608.dwg(Figure 2  
Evaluation trench location)\*\*\*\*leo\_heatley\*01 Jul 2008

Illustrated by Georgina Slater and Leo Heatley

**Disclaimer:**

*This document has been prepared for the titled project or named part thereof and should not be relied upon or used for any other project without an independent check being carried out as to its suitability and prior written authority of Oxford Archaeology being obtained. Oxford Archaeology accepts no responsibility or liability for the consequences of this document being used for a purpose other than the purposes for which it was commissioned. Any person/party using or relying on the document for such other purposes agrees, and will by such use or reliance be taken to confirm their agreement to indemnify Oxford Archaeology for all loss or damage resulting therefrom. Oxford Archaeology accepts no responsibility or liability for this document to any party other than the person/party by whom it was commissioned.*

**Oxford Archaeology**  
**© Oxford Archaeological Unit Ltd 2008**

Janus House  
Osney Mead  
Oxford OX2 0ES  
t: (0044) 01865 263800  
f: (0044) 01865 793496

e: info@oxfordarch.co.uk  
w: www.oxfordarch.co.uk





# Former Bartlemas Nursery School, off Cowley Road, Oxford

## *Archaeological Evaluation Report*

*Written by Robin Bashford*

*illustrated by Georgina Slater and Leo Heatley*

### **Table of Contents**

<b>Summary.....</b>	<b>3</b>
<b>1 Introduction.....</b>	<b>4</b>
1.1 Location and scope of work.....	4
1.2 Geology and topography.....	4
1.3 Archaeological and historical background.....	4
<b>2 Evaluation Aims and Methodology.....</b>	<b>6</b>
2.1 Aims.....	6
2.2 Methodology.....	6
<b>3 Results.....</b>	<b>7</b>
3.1 Introduction and presentation of results.....	7
3.2 General soils and ground conditions.....	7
3.3 Trench 1.....	7
3.4 Trench 2.....	7
3.5 Trench 3.....	8
3.6 Trench 4.....	8
3.7 Trench 5.....	8
3.8 Finds summary.....	9
<b>4 Discussion.....</b>	<b>10</b>
4.1 Evaluation objectives and results.....	10
4.2 Interpretation.....	10
<b>Appendix A. Trench Descriptions and Context Inventory.....</b>	<b>12</b>
<b>Appendix B. Bibliography and References.....</b>	<b>14</b>
<b>Appendix C. Summary of Site Details.....</b>	<b>15</b>



## List of Figures

- Fig. 1            Site location
- Fig. 2            Evaluation trench location
- Fig. 3            Sections 101/103 and 503



## **Summary**

*In June, Oxford Archaeology (OA) carried out an archaeological evaluation at the former Bartlemas Nursey School, off Cowley Raod, Oxford (SP 524 055). The work was commissioned by Marcus Beale Architects Ltd (MBA) on behalf of Oriel College, and was intended to inform a planning application for the proposed redevelopment of the site. The evaluation revealed natural geology comprising Upper Oxford Clay, which was overlain by a colluvial soil which may represent a buried ploughsoil.*

*Two north-south aligned linear features produced post-medieval artefactual evidence, and are likely to represent a precursor to the system of ceramic field drains on the same alignment, which was also evident in a number of the trenches.*

*Evidence for 20<sup>th</sup> century landscaping of the natural topography of the site, associated with the construction of the existing school buildings in the 1950s, was also observed.*

*The evidence recovered probably reflects the agricultural use of the site prior to the construction of the school, possibly on marginal land on the periphery of Cowley Marsh, as indicated on a number of cartographic sources.*

*No evidence for features or deposits pre-dating the 18<sup>th</sup> century was revealed within the trenches.*



## 1 INTRODUCTION

### 1.1 Location and scope of work

- 1.1.1 A redevelopment has been proposed in an area of gardens, playground and derelict school buildings formerly known as the Bartlemas Nursery School, off Cowley Road, Oxford. Oxford Archaeology (OA) was commissioned by James Donlon of Marcus Beale Architects Ltd (MBA) - who are acting on behalf of Oriel College - to undertake an archaeological evaluation of the impact areas to inform the planning application. Brian Durham, Archaeologist at Oxford City Council prepared a Brief for the evaluation (OCC 21st May 2008) which formed the basis of a Written Scheme of Investigation (WSI) produced by OA. The WSI detailed how OA would implement the requirements of the Brief and is partially reproduced below.
- 1.1.2 The background information presented here is derived from the Desk Based Assessment (DBA) undertaken by OA, which should be consulted for further detail where required (OA 2008).

### 1.2 Geology and topography

- 1.2.1 The site is located next to the Cowley Road in Oxford. The southern boundary of the site rests on Cowley Road, the eastern boundary on the enclosure associated with the buildings of St Bartholomew's Chapel, the northern boundary on the boundary with the Oriel College sports ground and the western boundary on the rear of properties that front on to Southfield Road. The site is occupied by the now derelict buildings of the former Bartlemas Nursery School. The ground slopes gently from the north to south at NGR SP 524 055.
- 1.2.2 The underlying geology of the site comprises the Oxford Clay of Upper Jurassic date. The ground rises to the north towards Headington Hill and the northern boundary of the St Bartholomew's enclosure rests on the junction between the Upper Oxford Clay and the overlying Temple Cowley member which comprises fine grained sandstones and siltstones, also of Upper Jurassic date. Above this is the Beckley Sand Member. Both the Temple Cowley Member and Beckley Sand form part of the Corallian formation (BGS 1994).
- 1.2.3 This geological sequence is particularly relevant to the possible location of any Holy Well/Spring which may be associated with Bartlemas, as the junction between the relatively permeable sands and siltstones of the Temple Cowley and Beckley Members with the impermeable Upper Oxford Clay forms a natural spring line. This junction of geology passes approximately along the northern boundary of the Bartlemas enclosure c 300 m to the north of the Bartlemas School Site.
- 1.2.4 The area underlain by the Oxford Clay to the south and east of Bartlemas, was in historic times called Cowley Marsh.

### 1.3 Archaeological and historical background

- 1.3.1 The following is a summary of the results of the DBA. References to OA numbers in this text should be cross-referenced to the DBA (OA 2008). A more detailed account of the history and development of the site can also be found in the Bartlemas Conservation Area Appraisal on the Oxford County Council website (OCC, 2007).





- 1.3.2 No Prehistoric activity or findspots are recorded from within 500 m of Bartlemas Nursery School site and the potential for activity of this date being present on the site is, therefore, rated as being very low.
- 1.3.3 A Romano-British kiln site has been identified (OA 4) only c 500 m to the south-east of Bartlemas Nursery School and finds of Romano-British material were also made during investigations on the adjacent Oxford Brookes accommodation site (OA 2). Although these finds are believed to have been residual or re-deposited by manuring they still indicate that some Romano-British activity is present in the vicinity.
- 1.3.4 During the medieval and post-medieval periods the Bartlemas Nursery School site lay just outside the western boundary of the extra-parochial enclosure associated with the charitable hospital of St Bartholomew. The estimated area of this enclosure during the medieval period is in broad accordance with the mapped area (13 acres 1 rood and 32 perches) that appears on historic maps from the 1802 Inclosure map onwards (OA 1997, 8). The old causeway road lay just to the south of Bartlemas Nursery School. This route was probably established by the medieval period and continued to be the main route eastward until Cowley Road became established during the 19th century.
- 1.3.5 It has been suggested that the water-course that defines the boundary between Bartlemas School and the St Bartholomew's extra-parochial enclosure may have provided a water supply for the hospital. It is possible that this is the case, although another water feature has been identified from historic maps within the extra parochial enclosure. This second feature lies in close proximity to the surviving hospital chapel and is aligned on an area in which other medieval hospital buildings probably stood. This second feature may originally have been a boundary and/or fish-pond demarcating an internal division within the medieval hospital. It is possible that this feature may have been fed with water through a conduit taken off the watercourse that forms the boundary with the site of the former Nursery School. If this was the case then a conduit running between the watercourse on the boundary and this second water feature may have supplied water for the hospital.
- 1.3.6 It is probable that the Bartlemas School site lay in a cultivated or waste ground area, outside the extra-parochial enclosure and just within the north west boundary of the Parish of Cowley and that no hospital buildings extended over the watercourse that forms the boundary with Bartlemas. It is also highly probable that the site of the Holy Well of St Bartholomew lies somewhere on a natural springline within the northern half of the extra-parochial enclosure associated with St Bartholomew's.



## 2 EVALUATION AIMS AND METHODOLOGY

### 2.1 Aims

- 2.1.1 To establish the presence/absence of archaeological remains within the proposal area.
- 2.1.2 To determine and confirm the character of any remains present, without compromising any deposits that may merit detailed investigation under full area excavation.
- 2.1.3 To determine or estimate the date range of any remains from artefacts or otherwise.
- 2.1.4 To investigate the extent of any significant remains outside initial trenched sample through agreement with the client and City Archaeologist.
- 2.1.5 To characterise any underlying archaeological strata down to undisturbed geology without significantly impacting upon significant younger (overlying) deposits where possible.
- 2.1.6 To determine the palaeo-environmental potential of archaeological deposits.
- 2.1.7 To make available the results of the investigation to inform the planning application and the potential for any further mitigation strategy.

#### ***Site specific aims***

- 2.1.8 To confirm that there is no structure or deposit of the medieval leper hospital or its farm within the impact of the proposed development.
- 2.1.9 To investigate the degree of terracing and made ground within development area resulting from the construction of the former school.

### 2.2 Methodology

- 2.2.1 Five trenches, numbered 1 - 5 inclusive, were positioned within the development area, avoiding extant former school buildings and, where possible, live services (Fig. 2). These were targeted evenly on the area of impact of the proposed buildings and landscaping (as shown on MBA drawing No. 334.2/010F as supplied by James Donlon). Trenches orientated broadly E-W were aligned perpendicular to the alignment of an historic stream running down the eastern side of the site. The eastern end of Trenches 3 and 4 were excavated as close as possible to the western bank of the stream to evaluate the potential for timber or stone revetment, or associated structures.
- 2.2.2 Where hard standing was present, this was broken out using a hydraulic breaker attached to a JCB-type machine excavator. A toothless ditching/grading bucket was then fitted and used to excavate the five trenches. Machine excavation proceeded in spits no greater than 0.20m thick to the first significant archaeological horizon or natural geology (whichever was encountered first) under close archaeological supervision. Where truncation from the construction of the school had not occurred, the first potentially significant horizon comprised a colluvial soil. The top of this deposit was exposed and, where no archaeological features were apparent, the deposit then removed to the top of the underlying natural geology.



## 3 RESULTS

### 3.1 Introduction and presentation of results

3.1.1 The deposits and features encountered during the evaluation are described below in Section 3, (a context inventory can be found in Appendix 1). Each trench is described objectively from the earliest to the latest deposits. The descriptive text in Section 3 is followed by a discussion and interpretation of the evidence in Section 4.

### 3.2 General soils and ground conditions

3.2.1 Trench 2 was located on hard standing at the entrance to the school; Trenches 3 and 4 were located on the concrete yard to the east of the school buildings, and Trenches 1 and 5 were located on overgrown grassy areas to the south and north of the school respectively. Light conditions were predominately good throughout the works.

3.2.2 Limited ingress of water, from breaching the water-table, was apparent in the majority of the trenches, however this did not affect the recording of the deposits encountered. Subsequently, heavy rain caused the majority of the trenches to flood, although this did not compromise the evaluation as the deposits within each of the flooded trenches had already been characterised and recorded.

### 3.3 Trench 1

3.3.1 Trench 1 was orientated NW-SE, measured 10 m x 2 m and was excavated to the south of the existing school buildings (Fig. 2). Natural geology was encountered at 49.80 m OD and comprised a mid-pale greyish brown clay with localised bluey grey variations in colour and concentrations of orangey brown sand (101) – this deposit was consistent within all the trenches and will hereafter be referred to as Upper Oxford Clay. This was overlain by a c 0.30 m thick layer of mid grey brown silty clay (102) which is likely to be colluvial in origin. The colluvial deposit and underlying clay was cut by a roughly north-south aligned linear feature approximately 0.40 m wide and 0.30 m deep (107). The fill of this feature comprised a light greyish brown silty clay (108), which was similar in colour and composition to the colluvial deposit and produced a sherd of ? 18th-19<sup>th</sup> century pottery and a fragment of clay pipe stem.

3.3.2 The fill of the linear feature and the colluvial deposit were overlain by a 0.20 m thick deposit of dark brownish grey silty clay (103) which may represent a buried topsoil as it was overlain by existing topsoil and turf (104 and 106 respectively) to the east of the trench and by a deposit of hardcore to the west (the interface between the topsoil and the hardcore was marked by a line of kerb stones as indicated on Figure 2).

### 3.4 Trench 2

3.4.1 Trench 2 was orientated roughly north-south, measured 5 m x 2 m and was excavated to the south of the existing school buildings (Fig. 2). Upper Oxford Clay (203) was encountered at 49.80 m OD and was overlain by a colluvial deposit (204) similar in composition to that encountered within Trench 1, and approximately 0.20 m thick. The colluvium and underlying clay were cut by a roughly north-south aligned field drain (206).

3.4.2 The colluvium and fill of the field drain (207) were directly overlain by a series of made ground deposits (205, 208 and 209), collectively these deposits recorded an average thickness of 0.50 m. They were cut by a trench (210) for an east-west aligned collared



ceramic pipe, which may represent a foul water drain from the school buildings. The fill (211) of the pipe trench and the uppermost of the made ground deposits (208) were overlain by a 0.20 m thick layer of reinforced concrete a 0.02 m thick tarmac surface.

- 3.4.3 The possible buried topsoil seen in Trench 1 appears to have been truncated within Trench 2. In places, the colluvium had also been truncated and the made ground deposits directly overlay the natural clay.

### 3.5 Trench 3

- 3.5.1 Trench 3 was orientated NW-SE, measured 8 m x 2.5-3m and was excavated at the edge of the concrete slab to the east of the school buildings (Fig. 2). The dimensions of the trench were dictated by the constricted access in this area of the site.

- 3.5.2 Upper Oxford Clay (402) was encountered at 50.28 m OD. Where the trench corresponded to the edge of the slab, the natural clay was directly overlain by a hardcore levelling layer for the concrete slab (302). However, to the south of the trench, beyond the edge of the slab, the clay was overlain by a c 0.10 m thick layer of mid grey brown silty clay (301) which, whilst quite disturbed, may represent the trampled remnants of the colluvial deposit surviving to the south. This deposit was overlain by 0.20 m of modern topsoil (300).

- 3.5.3 A hand-augered borehole was undertaken at the eastern end of the trench, to establish the presence, or otherwise, of any revetment or structural remains along the bank of the stream marking the eastern edge of the site. The borehole was augered horizontally from the top of the truncated natural clay, and penetrated c 0.50 m east of the edge of the trench. The material from the borehole comprised a humic, mid grey clay silt – not dissimilar to the buried topsoil encountered elsewhere, although possibly originating from root disturbance from the trees along the bank of the stream. No evidence for structural remains was encountered within the borehole.

### 3.6 Trench 4

- 3.6.1 Trench 4 was orientated NW-SE, measured 5 m x 2 m and was excavated to the east of the school buildings, adjacent to the paddling pool (Fig.2).

- 3.6.2 Upper Oxford Clay (402) was encountered at 50.25 m OD and was directly overlain by a layer of construction trample (403) and topsoil (400) c 0.30 m thick.

### 3.7 Trench 5

- 3.7.1 Trench 5 was an L-shaped trench at the top of, and across, the bank to the north of the site (Fig. 2). Both the east-west and north-south sections of the trench measured 10 m x 2 m .

- 3.7.2 Upper Oxford Clay (505) was encountered at between 50.48 m OD (at the base of the bank) and 50.80 m OD (at the top). At the top of the bank, this was overlain by c 0.20 m of colluvium (504), which was in turn overlain by a c 0.25 m thick layer of possible buried soil (503) which was similar in composition to that revealed within Trench 1.

- 3.7.3 Two irregular spreads of dark-mid brown silty clay, similar in composition to the colluvial deposit, were revealed in the base of the trench (506 and 508). These proved to be quite ephemeral, with a diffuse interface between the fills (507 and 509 respectively) and the natural clay, and are likely to be the result of bioturbation.

- 3.7.4 A roughly north-south aligned linear feature was recorded at the western end of the trench (510). Although no finds were recovered, it is possible that this is associated with



the north-south aligned feature recorded in Trench 1 given the similarity of the fills; the relationship with the colluvial deposit (which appeared to be cut by both these features); and also the relationship with the buried soil (which appeared to overlie the fills of both the features).

- 3.7.5 Both the colluvial deposit and the buried soil, together with the underlying clay, had been truncated by a terrace cut into the natural slope (512). Where the colluvium and buried soil survived at the top of the slope, they were overlain by a 0.10-0.20 m thick layer of re-deposited clay (502), presumably originating from the truncation of the clay to the south. The re-deposited material to the north of the trench, and the truncated clay to the south were directly overlain by a deposit of topsoil (501) between 0.20 and 0.30 m thick.

### **3.8 Finds summary**

- 3.8.1 A fragment of 18th-19thC pottery, possibly the base of a flower pot (John Cotter, pers. comm.), was recovered from the fill of the linear feature in Trench 1. A clay pipe stem was also recovered from the same deposit.



## 4 DISCUSSION

### 4.1 Evaluation objectives and results

- 4.1.1 The following section details how the evaluation has addressed the aims outlined in Section 2.
- 4.1.2 No significant archaeological features were revealed within the trenches. No artefactual evidence was retrieved from the colluvial deposit, which remains undated. However, this appeared to be cut by the post-medieval drainage systems, and potentially represents the latest archaeological horizon.
- 4.1.3 No deposits or structural remains associated with the medieval leper hospital were revealed within the trenches. No evidence for stone revetment or structural remains along the bank of the stream marking the eastern edge of the site was revealed. Additionally, the current owner of Bartlemas Farmhouse, who is responsible for the maintenance of the stream where it passes through his property, has not encountered any evidence for structural remains.
- 4.1.4 The trenches revealed a degree of landscaping associated with the construction of the school in the 1950s. This comprised the levelling of the natural slope which had truncated the buried soil, colluvial deposit and natural clay from the southern end of Trench 5 to the edge of the concrete slab in Trench 3. The buried soil and colluvial deposit were also truncated in Trench 2, but survived in the south east corner of the site, in the vicinity of Trench 1. These deposits had been overlain by re-deposited material to the north of the site (the majority of Trench 5) which also formed part of the mid-20<sup>th</sup> century landscaping, enhancing the bank created by the levelling of the natural slope.

### 4.2 Interpretation

- 4.2.1 The results of the evaluation appear to reflect the use of this area as agricultural land from at least the 18<sup>th</sup> century until the construction of the school in the 1950s, possibly marginal land on the periphery of Cowley Marsh, at the boundary between the parishes of Cowley and Headington.
- 4.2.2 No evidence for pre-Medieval activity was encountered, and no remains associated with the leper hospital were revealed. This may suggest that the supposition presented in the DBA is correct, and that the stream to the east of the site forms the western boundary of the extra parochial enclosure of St Bartholemew's Hospital.
- 4.2.3 No further characterisation of the origin or function of this watercourse was possible within the trenches.
- 4.2.4 With regard to the location of the Holy Well traditionally associated with the site, the following is from the DBA (OA, 2008), references quoted here are detailed in the bibliography to that document:

*It is also possible that the water supply to St Bartholomew's was associated with a Holy Well known variously as St Bartholomew's Well, Strowell or Hickwell (Rattue, 1991, 173). This well was first recorded by Wood in his survey of the Antiquities of Oxford (Wood 1661-66, 514-517) although it may have originally been associated with the cult of St Bartholomew that was licensed at the hospital of St Bartholomew in 1336 (ibid). Although the cult of St Bartholomew was suppressed in the reign of Queen Elizabeth I, Wood*

*recorded that garlanding of the well and a perambulation continued to occur on May Day and Holy Thursday at the time that he was writing (ibid).*

*There is also a record (Rannie, 1900, 24) that it became a custom amongst the Scholars and Choir of New College, Oxford to process to St Bartholomew's on the mornings of Ascension Day and May Day where they said prayers and sang Hymns. "They then sought a well hard by, known as Stowell or Stockwell, around which, after a recitation of the Epistle and other religious observances, they relapsed into mere woodland merriment of a semi-pagan kind....."(ibid)*

*The description given by Rannie (Rannie 1900) strongly suggests that the well actually lay within the St Bartholomew's enclosure as it is recorded as being hard by and called Stowell or Stockwell. Stowell being recorded as having belonged to the parcel of land given to St Bartholomew's by Henry II. Furthermore, in the geological background it was noted that the northern section of the St Bartholomew's enclosure lies over the junction of the impermeable Oxford Clay with the overlying (and more permeable) sandstone of the Temple Cowley member and, therefore, on a natural springline.*

- 4.2.5 The following two paragraphs are from the Bartlemas Conservation Area Appraisal (OCC, 2007):

*....only for the buildings to suffer greatly during the Civil War. The parliamentary troops stopped the well and destroyed the hospital building....*

*The house today is a single dwelling....The garden to the east of the house contains a well, a feature which has been historically associated with the site.....*

- 4.2.6 The perambulation mentioned by Wood is a well known tradition associated with Ascension Day (Holy Thursday), and originated in England in the mid 8th century (Roud, 2006). Also known as Rogationtide and Beating the Bounds, the tradition involves "a procession around the parish, led by the clergy, carrying crosses and banners, giving thanks to God, and blessing the fields, crops, and animals." (ibid.) and is still carried out in Oxford on Ascension Day, in the adjoining parishes of St Michael in the Northgate and St Mary the Virgin. The tradition of well-dressing (garlanding) is also associated with both Ascension Day and May Day, and is often incorporated into the Rogationtide procession, as seems to have been the case at St Bartholomews.
- 4.2.7 The existing well lies to the east of Bartlemas House, north of the pond dug in the 1980's. The fact that the well is mentioned by Wood in 1661, following the restoration in 1660, would suggest that it had survived the damage caused to it by the Parliamentary troops. The reference in 1900 would also suggest a well was extant in the 19<sup>th</sup> century. However, any correlation between the existing well and that mentioned in the earlier accounts should be qualified by the fact that no well is shown on the OS mapping. It is also unclear whether Rannie is describing an existing practise, and it may be that he was referring to the tradition described by Wood.
- 4.2.8 Additionally, by the 19th century, no services were being held at the chapel, and it was being used as an ancillary farm building (OCC, 2007, p7). This would suggest that the tradition associated with the well is unlikely to have been extant at the time that Rannie was writing. The decline of the chapel as a place of worship, with the corresponding is may also account for the absence of a well from the OS mapping.



## APPENDIX A. TRENCH DESCRIPTIONS AND CONTEXT INVENTORY

<b>Trench 1</b>					
<b>General description</b>				<b>Orientation</b>	E-W
Upper Oxford Clay overlain by colluvium which appears to be cut by a roughly north-south aligned, post-medieval, linear feature. Fills of linear feature and colluvium overlain by buried topsoil/ploughsoil which is in turn overlain by modern landscaping and/or topsoil				<b>Avg. depth (m)</b>	0.75
				<b>Width (m)</b>	2.00
				<b>Length (m)</b>	10.00
<b>Contexts</b>					
<b>context no</b>	<b>type</b>	<b>Width (m)</b>	<b>Depth (m)</b>	<b>comment</b>	<b>soil description</b>
101	layer	-	-	Upper Oxford Clay	tenacious, mid yellow brown clay with localised bluey grey variations in colour and patches of orange brown sand
102	deposit	-	0.40	colluvium	tenacious mid grey brown silty clay
103	deposit	-	0.25	buried topsoil / ploughsoil	friable, dark brownish grey silty clay with c5% small stones
104	deposit	-	0.15	1950s landscaping	tenacious, mid grey brown silty clay with c5% stone inclusions
105	deposit		0.15	surface	hardcore
106	deposit		0.15	turf	turf
107	cut	0.40	0.40	north-south aligned gully	
108	fill		0.40	fill of north-south aligned gully	light grey brown silty clay
<b>Trench 2</b>					
<b>General description</b>				<b>Orientation</b>	N-S
Upper Oxford Clay overlain by colluvium which has been truncated by a north-south aligned field drain. Further truncation from east-west aligned ceramic pipe and disturbance associated with the construction of the school in the 1950s.				<b>Avg. depth (m)</b>	0.75
				<b>Width (m)</b>	2.00
				<b>Length (m)</b>	5.00
<b>Contexts</b>					
<b>context no</b>	<b>type</b>	<b>Width (m)</b>	<b>Depth (m)</b>	<b>comment</b>	<b>soil description</b>
201	layer	-	-	Upper Oxford Clay	tenacious, mid yellow brown clay with localised bluey grey variations in colour and patches of orange brown sand
202	deposit		0.10	patch of orange brown sand in natural clay	orangey brown sand
203	deposit		0.20	patch of yellowish brown sandy gravel in natural clay	yellowish brown sandy gravel
204	deposit		0.23	truncated colluvium	tenacious mid brownish grey silty clay





context no	type	Width (m)	Depth (m)	comment	soil description	
206	cut			cut of n-s aligned field drain		
207	fill			fill of n-s aligned field drain		
208	deposit		0.28	1950s landscaping	soft dark grey silty clay including fe objects and occasional brick rubble	
209	deposit		0.40	?1950s landscaping	tenacious mid brownish grey silty clay	
210	cut			cut of modern service trench aligned e-w		
211	fill			fill of modern service trench		
212	deposit			concrete surface	re-enforced concrete	
213	deposit			tarmac surface		
<b>Trench 3</b>						
<b>General description</b>					<b>Orientation</b>	E-W
Upper Oxford Clay directly overlain by hardcore for concrete slab. Thin layer of heavily truncated alluvium to south of slab.					<b>Avg. depth (m)</b>	0.35
					<b>Width (m)</b>	2.00
					<b>Length (m)</b>	8.50
<b>Contexts</b>						
context no	type	Width (m)	Depth (m)	comment	soil description	
300	deposit	-	0.20	topsoil	topsoil	
301	deposit		0.08	colluvial deposit	tenacious mid brownish grey silty clay	
302	deposit			hardcore and concrete		
303	layer			Upper Oxford Clay	tenacious, mid yellow brown clay with localised bluey grey variations in colour and patches of orange brown sand	
<b>Trench 4</b>						
<b>General description</b>					<b>Orientation</b>	E-W
Upper Oxford Clay directly overlain by hardcore for concrete slab/paving.					<b>Avg. depth (m)</b>	0.30
					<b>Width (m)</b>	2.00
					<b>Length (m)</b>	5.00
<b>Contexts</b>						
context no	type	Width (m)	Depth (m)	comment	soil description	
400	deposit	-	0.20	topsoil	topsoil	
401	deposit			hardcore and concrete		



context no	type	Width (m)	Depth (m)	comment	soil description	
403	deposit			1950s construction trample	disturbed clay	
<b>Trench 5</b>						
<b>General description</b>					<b>Orientation</b>	L-shaped
Upper Oxford Clay overlain by colluvial deposit, overlain by buried topsoil, overlain by 1950s landscaping deposits or truncated by levelling associated with construction of school.					<b>Avg. depth (m)</b>	0.60
					<b>Width (m)</b>	2.00
					<b>Length (m)</b>	20.00
<b>Contexts</b>						
context no	type	Width (m)	Depth (m)	comment	soil description	
501	deposit	-	0.18	topsoil	topsoil	
502	deposit		0.20	1950s landscaping	re-deposited clay	
503	deposit		0.25	buried topsoil/ploughsoil	soft, dark brown grey silty clay	
504	deposit		0.24	colluvial deposit	light brownish grey silty clay	
505	layer			Upper Oxford Clay	tenacious, mid yellow brown clay with localised bluey grey variations in colour and patches of orange brown sand	
506	cut			bioturbation		
507	fill			fill of 506	mid brownish grey clay	
508	cut			bioturbation		
509	fill			fill of 508	mid brownish grey silty clay	
510	cut			cut of north-south aligned gully		
511	fill			fill of north-south aligned gully		
512	cut			1950s truncation		

## APPENDIX B. BIBLIOGRAPHY AND REFERENCES

- English Heritage, 1991, Management of Archaeological Projects.
- Oxford Archaeology, 1992, Fieldwork Manual, (Ed. D Wilkinson, first edition, August 1992)
- Oxford Archaeology, 2000, OA Environmental Sampling Guidelines and Instruction, Manual.
- Oxford Archaeology, 2008, Former Bartlemas School, Oxford, Archaeological Desk Based Assessment
- Oxford City Council, 2007, Bartlemas Conservation Area Appraisal
- Oxford City Council, 2008, Brief for Archaeological Fieldwork. 1: Assessment including Field Evaluation.
- Roud, S, 2006, The English Year, Penguin



## APPENDIX C. SUMMARY OF SITE DETAILS

**Site name:** Former Bartlemas Nursery School, off Cowley Road, Oxford

**Site code:** OXFBNS08

**Grid reference:** SP 524 055

**Type:** Evaluation

**Date and duration:** 2nd-6th June 2008

**Summary of results:** In June, Oxford Archaeology (OA) carried out an archaeological evaluation at the former Bartlemas Nursey School, off Cowley Raod, Oxford (SP 524 055). The work was commissioned by Marcus Beale Architects Ltd (MBA) on behalf of Oriol College, and was intended to inform a planning application for the proposed redevelopment of the site. The evaluation revealed natural geology comprising Upper Oxford Clay, which was overlain by a colluvial soil which may represent a buried ploughsoil.

Two north-south aligned linear features produced post-medieval artefactual evidence, and are likely to represent a precursor to the system of ceramic field drains on the same alignment, which was also evident in a number of the trenches.

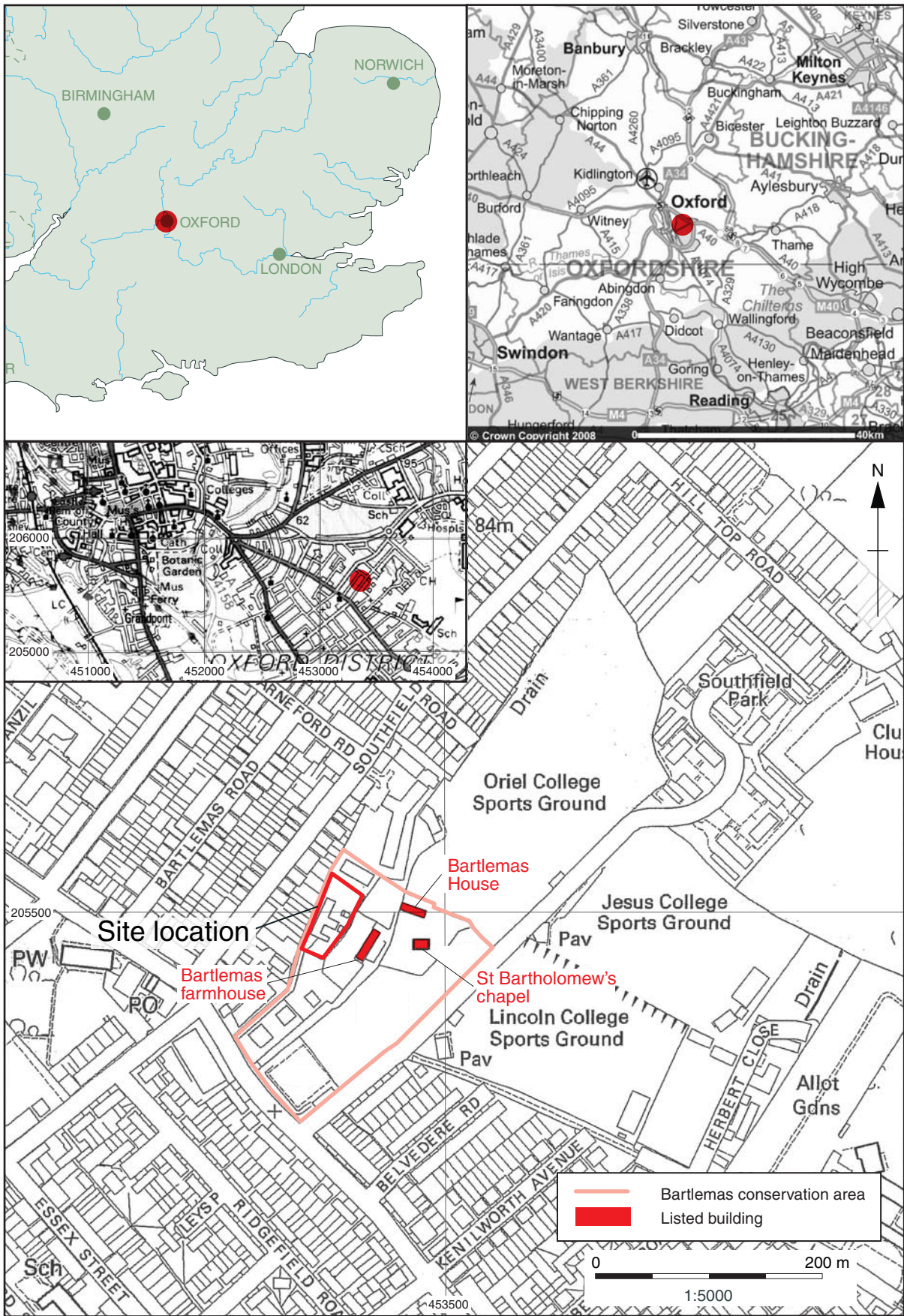
Evidence for 20th century landscaping of the natural topography of the site, associated with the construction of the existing school buildings in the 1950s, was also observed.

The evidence recovered probably reflects the agricultural use of the site prior to the construction of the school, possibly on marginal land on the periphery of Cowley Marsh, as indicated on a number of cartographic sources.

No evidence for features or deposits pre-dating the 18th century was revealed within the trenches.

**Location of archive:** The archive is currently held at OA, Janus House, Osney Mead, Oxford, OX2 0ES, and will be deposited with the Oxfordshire County Museum in due course, under the following accession number: TBC





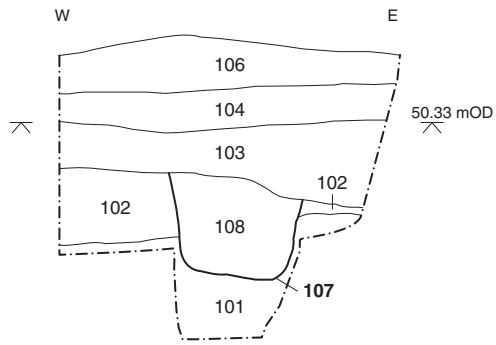
Reproduced from the Landranger 1:50,000 scale by permission of the Ordnance Survey on behalf of The Controller of Her Majesty's Stationery Office © Crown Copyright 1997. All rights reserved. Licence No. AL 100005569

Figure 1: Site location



Figure 2: Evaluation trench location

Trench 1  
Sections 101 and 103 combined



Trench 5  
Section 503

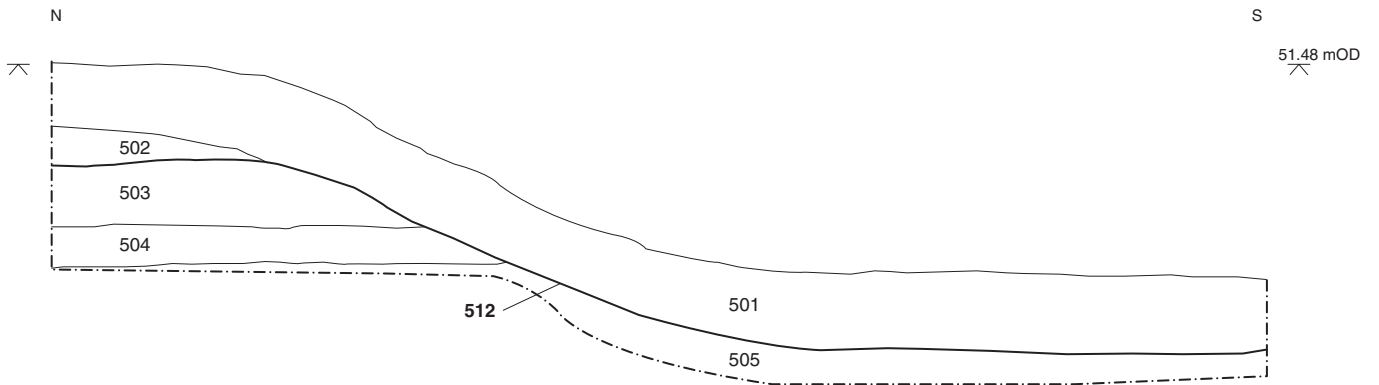


Figure 3: Sections 101/103 and 503



#### **Head Office/Registered Office**

Janus House  
Osney Mead  
Oxford OX2 0ES

t: +44 (0) 1865 263 800  
f: +44 (0) 1865 793 496  
e: [info@thehumanjourney.net](mailto:info@thehumanjourney.net)  
w: <http://thehumanjourney.net>

#### **OA North**

Mill 3  
Moor Lane  
Lancaster LA1 1GF

t: +44 (0) 1524 541 000  
f: +44 (0) 1524 848 606  
e: [oanorth@thehumanjourney.net](mailto: oanorth@thehumanjourney.net)  
w: <http://thehumanjourney.net>

#### **OA East**

15 Trafalgar Way  
Bar Hill  
Cambridgeshire  
CB23 8SQ

t: +44 (0) 1223 850500  
f: +44 (0) 1223 850599  
e: [oaeast@thehumanjourney.net](mailto: oaeast@thehumanjourney.net)  
w: <http://thehumanjourney.net/oaeast>

#### **OA Méditerranée**

115 Rue Merlot  
ZAC La Louvade  
34 130 Mauguio  
France

t: +33 (0) 4.67.57.86.92  
f: +33 (0) 4.67.42.65.93  
e: [oamed@oamed.fr](mailto: oamed@oamed.fr)  
w: <http://oamed.fr/>



**Director:** David Jennings, BA MIFA FSA

*Oxford Archaeological Unit is a  
Private Limited Company, N<sup>o</sup>: 1618597  
and a Registered Charity, N<sup>o</sup>: 285627*