



Archaeological  
Research  
Services Ltd

**Chatsworth House Sculpture Exhibition.  
Results of an Archaeological Watching Brief.**



**ARS Ltd Report 2008/62**  
11<sup>th</sup> to 14<sup>th</sup> August 2008

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## ***Executive Summary***

*An archaeological watching brief was undertaken by Archaeological Research Services Ltd on behalf of the Chatsworth House Trust during the installation of sculptures for display at the 2008 exhibition. This required observation of ground excavation at three different locations.*

*An area of made ground (area 1) which produced a collection of pottery and other small finds was excavated by hand by archaeologists from Archaeological Research Services Ltd. The assemblage of pottery consisted of 487 sherds, predominantly of horticultural wares with a small quantity of refined earthenwares dating to the 18<sup>th</sup> and 19<sup>th</sup> centuries. One sherd of medieval pottery dating to between the later 11<sup>th</sup> and early 13<sup>th</sup> centuries was also found.*

*A culvert revealed in area 3 can be identified on an 1858 plan of Chatsworth gardens.*

*No significant archaeological features, deposits, buried land surfaces or small finds were located within the three areas of excavation.*

## 1. Introduction

1.1 An archaeological watching brief was undertaken by Archaeological Research Services Ltd on behalf of the Chatsworth House Trust. Three areas of ground excavation within the formal gardens were monitored during the installation of sculptures for display at the 2008 exhibition. The work had been requested by the Senior Conservation Archaeologist at the Peak District National Park Authority (PDNPA).

## 2. Location and Geology

2.1 The Chatsworth Estate is located 8 miles north of Matlock off the B6012 and the house centred at NGR 261710.

2.2 The solid geology of the Chatsworth Estate forms part of the Millstone Grit Series. In particular, the Chatsworth Grit that can be found around Baslow and the Chatsworth Estate (Barnatt & Williamson 2005).

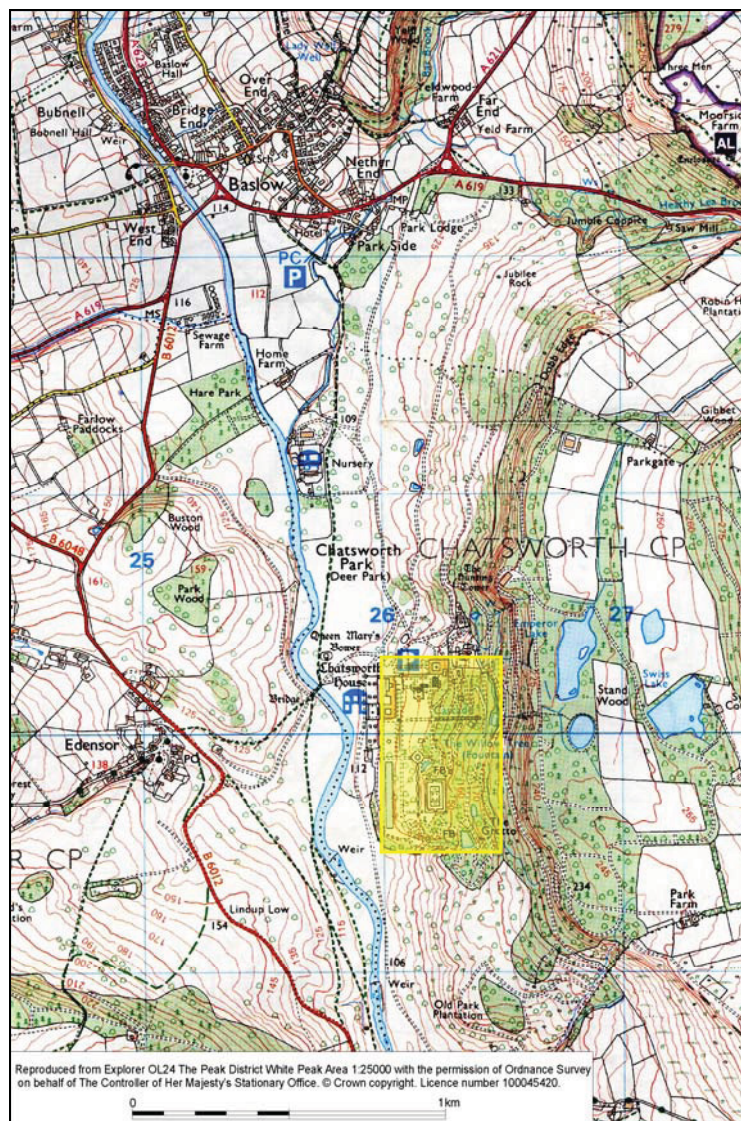


Fig. 1 Location map of Chatsworth house.



### 3. Aims of the Project

3.1 The project was an archaeological watching brief which was maintained at the request of the Chatsworth House Trust. The aim of the watching brief was to observe all ground works for the presence of archaeological remains and fully record and excavate any archaeological features encountered.

### 4. Method Statement

4.1 The excavations were undertaken by hand and machine with regard to the circumstances presented by the archaeology and also by the presence of service drains uncovered within the test excavation areas. The entire process was monitored by an archaeologist from Archaeological Research Services Ltd. All the contexts were recorded on pro-forma sheets, and a context register, along with a finds register, were produced for inclusion in the archive.

### 5. Results

5.1 Area 1 was positioned north east of the main house, on a well maintained lawn adjacent to the northern extent of the Broad Walk and south of the Conservative Wall (so called 'because it conserves heat') (Fig. 4). A circular line of 11.4m diameter was divided into 40 evenly spaced points from where 0.6m x 0.6m x 0.15m pits were excavated. Turf was carefully removed from the surface which revealed imported topsoil (context 100); the topsoil was consistently found to be up to 100mm in depth. A layer of dark silty soil (101) approximately 50mm in depth underlay the topsoil. This was a mixed layer containing large amounts of burnt coal and fragments of building bricks, 487 sherds of pottery and a collection of other small finds (Appendix II). At the limit of excavation and



Fig. 2: Excavated pit 33 from south of area one, context 102.



Fig. 3: Excavated pit 7 from north of area one, context 103 & 104

underlying (101) in the southern half of the area was a firmer compacted soil (102), while at the northern extent a firm sandy clay layer (103) was visible (Figs 2 & 3). Within pits 7, 8, 11, 12 and 13 a linear feature containing a clay deposit (104) was encountered, the deposit was present 70mm to 90mm below the upper surface and has been interpreted as a 19<sup>th</sup> century pipe line or drain (Fig 3).

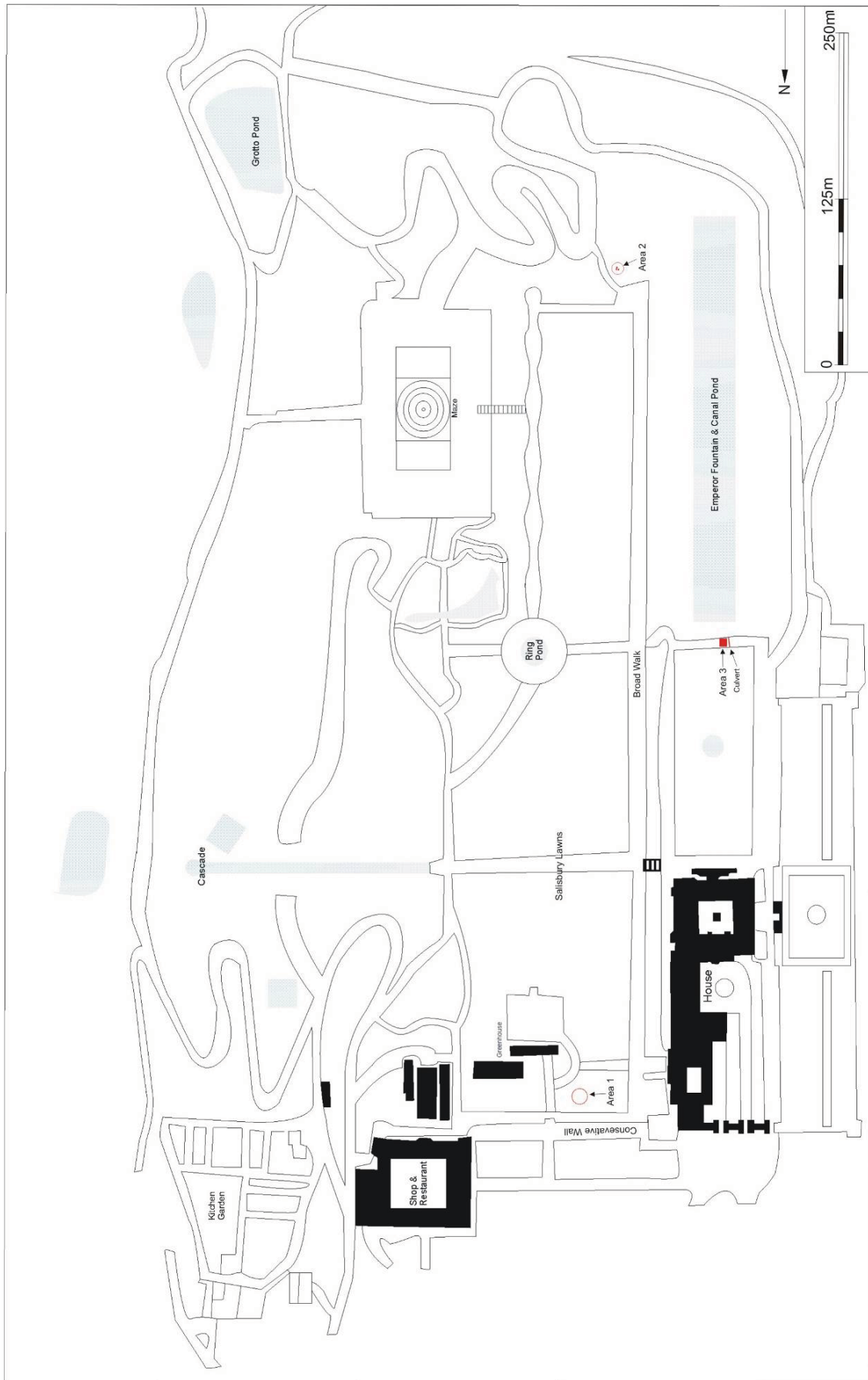


Fig. 4 Showing the location of the three excavation areas.





Fig. 5: Limestone slab in pit 25.  
Facing north west.

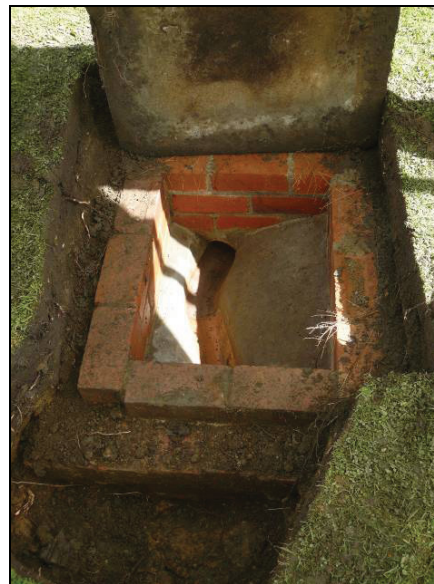


Fig. 6: Modern drainage chamber extending  
from pit 25. Facing south east

A worked limestone slab was revealed in pit 25 (Fig. 5). Removal of the slab was not possible in its initial position, while excavation downward exposed underlying modern red brick work. Excavation to the south east was required to expose the extent of the slab which measured 0.9m x 0.7m x 0.065m, when the slab was lifted an inspection chamber of a modern drain system was exposed (Fig. 6).

- 5.2 Area 2 (Fig. 4) was positioned approximately 20m south east from the southern extent of the Broad Walk path on raised ground of rough grassland, overlooking the canal pond and the course of the river Derwent below. Three pits 0.75m x 0.75m x 0.75m were excavated, and then filled with concrete to form the foundations for installing the intended sculpture. When the turf was removed



Fig. 7: Thin layer of topsoil removed in area 2.



Fig. 8: Excavated pit in area two

the supporting topsoil (105) was revealed as a thin layer of up to 60mm in depth (Fig. 7). Underlying (105) was a layer of natural clay (106) 0.58m in depth which overlay natural laminated sandstone (107) extending to the depth of excavation (Fig. 8). No archaeological features, deposits, buried land surfaces or small finds were located within these pits.



- 5.3 Area 3 (Fig. 4) was located north of the canal pond in the pathway that runs east to west. A trench measuring 4.5m in length x 3.7m in width x 0.9m in depth was excavated in order to lower the mechanical component of a sculpture into the ground (Fig. 9).



Fig. 9: Trench excavation

In the western portion of the trench, a layer of sandstone blocks measuring approximately 0.65m in length x 0.1m in height x 0.35m in width were revealed at a depth of 0.4m (Fig. 10). Upon removal of one of the blocks, two vertical walls constructed of sandstone and a horizontal base constructed of sandstone blocks were revealed indicating that this feature was a culvert (Fig. 11). The culvert was positioned on a north to south alignment. Due to the culvert's location, the trench was moved 1.5m to the east in order to leave the feature *in-situ* and undisturbed.



Fig. 10: Sandstone blocks forming the capstone of the culvert



Fig. 11 Sandstone blocks forming the wall of the culvert

Upon excavation of the rest of the trench, a thin layer of white stoney gravel (108) was removed this overlay a compacted layer of black stones (109). At a depth of 1m, a layer of uncoursed sandstone blocks (110) was exposed which had been redeposited, probably to create the road between the Emperor Fountain and the lawn to the south of Chatsworth house (Fig. 13). The layer continued for 0.4m until the natural clay (111) was revealed. Within the south-facing section of the trench was a layer of concrete blocks (112) 0.25m below the ground surface. These lay on top of a layer of sandstone blocks forming the outer wall of a drain running parallel to the house (Fig. 12). For greater context detail see Appendix II.



Fig. 12: Concrete blocks and sandstone wall located within the south-facing section of the trench



Fig. 13: Sandstone blocks (110) located within the north facing section of the trench

Resident workmen confirmed that concrete blocks had been used to repair the top of the drain in the mid 1980s. After excavation of the trench to a depth of 0.9m, the base was compacted to provide a flat surface for the sculpture. No further archaeological deposits, features or finds were revealed during the excavation of this trench

## **6. Discussion**

- 6.1 From information available through documented sources it is apparent that the location of area 1 has seen drastic development within the lifetime of Chatsworth House. A 1617 survey by William Senior indicates the area of excavation lay within the boundary of an orchard containing a small central pond (greenhouse pond). An engraving of 1699 and an undated painting of possible early 18<sup>th</sup> century date shows the orchard having been replaced by a large pond, possibly for the breeding of fish. No date has been noted for the removal of the pond, but a map of 1773 by George Baker and a more detailed copy by Jeffrey Wyattville of early 19<sup>th</sup> century date do not show any evidence of a pond in the appropriate area. By this date the ground has become part of what is now the Salisbury Lawns. It is now separated from the Salisbury Lawns by a path leading east to the 1<sup>st</sup> Dukes Greenhouse. The adjacent position of the Conservative Wall and boiler house built in 1842, along with the knowledge of the present ground staff pertaining to a gardeners mess to the south east, may have some bearing on the finds that were uncovered. The position of the infilled ditch (104) runs a similar course to either a pipe or drain shown on a plan produced for this purpose in 1858 by Campbell.
- 6.2 The report on the pottery recovered in area 1 indicates the majority of the assemblage to be horticultural vessels with a probably date range of between c.1800 and c.1850; this should be of no surprise considering the location of area 1 within the garden and in close proximity to greenhouses. An 18<sup>th</sup> and 19<sup>th</sup> century date attributed to a small assemblage of tablewares mixed within the horticultural vessels suggests the deposition of these materials simultaneously. The identification of one sherd of medieval pottery defined as Derbyshire Medieval Sandyware and dated between the later 11<sup>th</sup> and early 13<sup>th</sup> centuries is of interest, but is clearly residual in nature.
- 6.3 The thin layer of topsoil exposed in area two may be the consequence of ground reduction that was undertaken to terrace the landscape for the construction of the Canal Pond.
- 6.4 Area 3 is positioned on the main path which divides the Canal Pond from the lawn and Sea Horse Fountain south of the main house. Other than general upkeep and maintenance it is probable that there has been no major development in this location since the construction of the canal pond in 1702-3. Again the location of the culvert is within the area of a pipe or drain identified on Campbell's 1858 plan.

## **7. Conclusions**

- 7.1 The present gently sloping nature of the ground in area 1 as opposed to the level setting of the earlier pond would have required subsequent deposition of material within the site of the pond to achieve the present slope. The large amounts of coal and coal waste removed from the sub layers would suggest that landscaping was being undertaken after the building of the Conservative wall in 1842, the coal waste being associated with the boiler used to heat this wall. The mixed deposits



of garden pottery, fragments of building brick and glass suggest general waste was being used for the purpose of making up ground.

No significant archaeological features, deposits, buried land surfaces or small finds were located within the three areas of excavation.

## **8. Publicity, Confidentiality and Copyright**

- 8.1 Any Publicity will be handled by the client.
- 8.2 Archaeological Research Services will retain the copyright of all documentary and photographic material under the Copyright, Designs and Patent Act, 1988.

## **9. Statement of Indemnity**

- 9.1 All statements and opinions contained within this report arising from the works undertaken are offered in good faith and compiled according to professional standards. No responsibility can be accepted by the author/s of the report for any errors of fact or opinion resulting from data supplied by any third party, or for loss or other consequence arising from decisions or actions made upon the basis of facts or opinions expressed in any such report(s), howsoever such facts and opinions may have been derived.

## **10. Acknowledgements**

- 10.1 Archaeological Research Services Ltd would like to thank Chatsworth House Trust for commissioning this work and Sean Doxey and the other employees of the Trust involved in the smooth running of the project in addition Sarah Whiteley, Senior Conservation Archaeologist at the Peak District National Park Authority.



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APPENDIX I

Context Registers

### Area One

Context No.	Size	Munsell No.	Description
100	Across area one 100mm depth	7.5YR 2.5/2	Very dark brown, fine imported topsoil supporting lawn turf.
101	Across area one, maximum 50mm depth	7.5YR 2.5/2	Deposited layer of loosely compacted soil used to make up the ground, containing a large quantity of debris, including brick, pottery, coal and burnt material, slag, glass, bone, metal, flint and clay pipe.
102	Across area one, depth unknown.	7.5YR 2.5/4	Firmly compacted clayey deposit underlying 101, uncovered mainly in the northern pits. No excavation into this deposit was undertaken
103	Across southern area of pit excavation	5YR 2.5/2	Firmly compacted coarse soil with small pebble and debris inclusions, found in the pits to the south of area one.
104	Running east to west across the pits north of area one. 0.4m width, depth unknown.	10YR 4/4	Dark yellowish brown deposit of very firmly compacted clay containing small sandstone pebbles, fill of a trench of unknown origin.

### Area Two

Context No.	Size	Munsell No.	Description
105	Across area of excavation, maximum 60mm depth	5YR 2.5/2	Sandy dark reddish brown topsoil supporting coarse grassland.
106	Across area of excavation, maximum 0.58m depth	10YR 4/4	Natural layer of dark yellowish clay
107	Across area of excavation depth unknown.	10YR 4/4	Laminated natural sandstone underlying 106

### Area Three

Context No.	Size	Munsell No.	Description
108	Across area of excavation, maximum 60mm depth	GLEY 8/N	Type one building gravel consisting of small white stones.
109	Across area of excavation, maximum 40mm depth	GLEY 2.5/N	Small black stones, concrete-like in appearance
110	Across area of excavation, maximum 400mm depth	-	Redeposited uncoursed sandstone stones, measuring approximately 50mm – 70mm in length x 10mm – 50mm in width x 30mm in height. Possibly excess stone from the construction of the house or buildings.
111	Across area of excavation, depth unknown	5YR 4/3	Natural layer of brown sandy clay with some sandstone inclusions measuring approximately 10mm in length x 50mm in width x 20mm in height.
112	North section of trench	-	Concrete blocks measuring 150mm in height x 500mm in length forming a repair of the drain (113).
113	North section of trench	-	Sandstone wall forming the outer wall of a drain. The blocks measure approximately 400mm in length x 200mm in height.

## APPENDIX II

### Finds Registers



Pit No.	Size	Finds	
1	0.6m x 0.6m x 0.15m	Animal bone Terracotta pot White glazed pottery	1 small piece 2 shards 3 shards
2	0.6m x 0.6m x 0.15m	Terracotta pot White glazed pottery Green window glass, 6mm thick	3 shards 4 shards 1 shard
3	0.6m x 0.6m x 0.15m	No significant finds	
4	0.6m x 0.6m x 0.15m	Animal bone Terracotta pot Clear window glass 1mm thick Clear window glass 3mm thick	1 small piece 22 shards 5 shards 1 shard
5	0.6m x 0.6m x 0.15m	Terracotta pot Cream glazed pottery Clear window glass 1mm thick Glass vessel	14 shards 1 shard 6 shards 3 shards
6	0.6m x 0.6m x 0.15m	Animal bone Terracotta pot Clear window glass 1mm thick Window lead Small circular metal cap	1 small piece 11 shards 2 shards 2 pieces 1 piece
7	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm thick Green window glass 1mm thick	3 shards 1 shard 1 shard
8	0.6m x 0.6m x 0.15m	Terracotta pot Coarse grey pot	4 shards 1 shard
9	0.6m x 0.6m x 0.15m	Terracotta pot Brown vessel glass 5mm thick Burnt wood	13 shards 1 shard 1 small piece
10	0.6m x 0.6m x 0.15m	Terracotta pot Lead	9 shards 1 small piece
11	0.6m x 0.6m x 0.15m	Terracotta pot	16 shards
12	0.6m x 0.6m x 0.15m	Terracotta pot Green glass vessel	4 shards 1 shard
13	0.6m x 0.6m x 0.15m	Terracotta pot Green window glass 1mm Green glass vessel Rusted metal	2 shards 1 shard 1 shard 1 piece
14	0.6m x 0.6m x 0.15m	Rusted metal	1 piece
15	0.6m x 0.6m x 0.15m	Terracotta pot Window glass green Window glass clear Clay pipe stem	2 shards 1 shard 1 shard 1 piece
16	0.6m x 0.6m x 0.15m	Terracotta pot Cream glazed pottery Clay pipe stem Metal fixing	1 shard 1 shard 1 piece 1 piece
17	0.6m x 0.6m x 0.15m	Terracotta pot White glazed pottery	2 shards 1 shard
18	0.6m x 0.6m x 0.15m	Green window glass 1mm	2 shards
19	0.6m x 0.6m x 0.15m	Green window glass 1mm Clay pipe stem Metal fixing	2 shards 1 piece 1 piece
20	0.6m x 0.6m x 0.15m	Rusted metal	1 piece
21	0.6m x 0.6m x 0.15m	Terracotta pot White Glazed Pottery Brown & cream glazed pottery	2 shards 1 shard 1 shard
22	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 2mm Clay pipe stem Animal Bone	21 shards 1 shard 1 piece

23	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm Clear window glass 2mm Cream & brown glazed pottery Brown glazed pottery Green glass vessel Clay pipe stem	30 shards 7 shards 8 shards 1 shard 1 shard 3 shards 2 pieces
24	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm Clear window glass 2 mm Brown glazed pottery Brown glazed pottery, neck of a jug Sandstone floor with burning evidence	42 shards 1 shard 1 shard 2 shards 1 piece 1 piece
25	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm Clear window glass 2mm Green glass vessel Cream pottery Bowl of a clay pipe Unknown metal objects	9 shards 1 shard 2 shards 1 shard 1 shard 1 piece 3 pieces
26	0.6m x 0.6m x 0.15m	Terracotta pot Window lead Animal bone	41 shards 2 pieces
27	0.6m x 0.6m x 0.15m	Terracotta pot Green glass vessel Clear glass vessel Clear window glass 1mm Green window glass 2mm Brown glazed pottery White glazed pottery Blue/white glazed pottery	49 shards 3 shards 3 shards 2 shards 1 shard 2 shards 1 shard 3 shards
28	0.6m x 0.6m x 0.15m	Terracotta pot Clear vessel Green vessel Clear window glass 1mm Clear window glass 2mm Clay pipe stem Cream glazed pottery Cream unglazed pottery Metal fixing Rusted metal	41 shards 1 shard 2 shards 3 shards 2 shards 2 pieces 1 piece 1 piece 1 piece 6 pieces
29	0.6m x 0.6m x 0.15m	Terracotta pot Green glass vessel Clear glass vessel Clear window glass 1mm Clear window glass 2mm Clear window glass 3mm Crazed clear glass White glazed pottery Blue/white glazed pottery Buff/white/blue glazed pottery Brown glazed pottery Brown unglazed pottery Cream unglazed pottery Lead object Metal objects Animal bone	21 shards 2 shards 1 shard 1 shard 1 shard 1 shard 1 shard 2 shards 2 shards 2 shards 1 shard 1 shard 2 shards 1 piece 3 pieces
30	0.6m x 0.6m x 0.15m	Terracotta pot Terracotta tile Green window glass 1mm Green window glass 2mm Animal bone	6 shards 2 shards 2 shards 1 shard

31	0.6m x 0.6m x 0.15m	Terracotta pot Green glass vessel Crazed glass Animal bone	4 shards 1 shard 2 shards
32	0.6m x 0.6m x 0.15m	No relevant finds	
33	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm Clear window glass 2mm Brown unglazed pottery Flint Animal bone	8 shards 1 shard 1 shard 1 shard 1 small flake
34	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm	2 shards 1 shard
35	0.6m x 0.6m x 0.15m	Terracotta pot White glazed pottery Green glass vessel	4 shards 5 shards 1 shard
36	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm Clear window glass 2mm Window lead Metal objects Animal bone	7 shards 1 shard 1 shard 1 shard 2 pieces
37	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm Green glass vessel Clay pipe stem Flint Metal object Animal bone	2 shards 1 shard 1 shard 1 piece 1 flake 1 piece
38	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 2mm Plastic sheathing Melted glass tablet Metal objects	17 shards 1 shard 1 piece 1 piece 2 pieces
39	0.6m x 0.6m x 0.15m	Terracotta pot Clear window glass 1mm Clear window glass 2 mm Green glass vessel Buff glazed pottery Clay pipe stem	8 shards 1 shard 1 shard 1 shard 1 shard 1 piece
40	0.6m x 0.6m x 0.15m	Terracotta pot White glazed pot	20 shards 3 shards

APPENDIX III

Pottery report



## Pottery from excavations on the Chatsworth Estate (CHATS08)

C.G. Cumberpatch BA PhD  
Freelance Archaeologist

### Tables

Table 1 Pottery from excavations on the Chatsworth Estate

### Plates

Plate 1 Decorated sherd from Pit 6  
Plate 2 Pot disc from Pit 8  
Plate 3 Ceramic plant label from Pit 28

### Introduction

The pottery assemblage from excavations on the Chatsworth Estate (CHATS08) was examined by the author on 28<sup>th</sup> and 29<sup>th</sup> August 2008. It consisted of 487 sherds of pottery, fragments of tile and other objects weighing 8841 grams and represented a maximum of 475 vessels and objects. The data are summarised in Table 1.

### The pottery

#### *Medieval pottery*

One sherd of medieval pottery was identified in the assemblage (context 101, Pit 9). This was a body sherd in a dark brown sandy fabric of a type defined as Derbyshire Medieval Sandy ware (Cumberpatch 2004a, 2004b). The date range of this type of pottery is poorly defined for reasons discussed elsewhere (Cumberpatch 2004a), but it appears to be of earlier medieval type, most probably dating to between the later 11<sup>th</sup> and early 13<sup>th</sup> centuries.

#### *Horticultural wares*

The greater part of the assemblage consisted of flowerpots and other horticultural wares in two fabrics. The first and commonest of these was *Unglazed Red Earthenware* and the second a sandier textured fabric containing quartz and red non-crystalline inclusions, was termed *Unglazed Buff Earthenware*. Other horticultural items included three small ceramic plaques, most probably for identifying plant specimens or areas of specific planting.

Unglazed Red Earthenware was the commonest ware type in the assemblage and can be described as a 'flowerpot' fabric. It was orange to red in colour and contained occasional fine dark red grains but generally appeared not to contain any significant inclusions. A small number of sherds were slightly coarser in texture and softer than the majority of sherds but the significance of this, if any, is unclear. The range of vessel forms was relatively wide. For the sake of clarity only those base sherds with clear evidence of a central drainage hole have been described as 'flowerpots' in the data table. The remainder have been described as 'horticultural vessels' which reflects the diversity of size and rim shape within the group. Vessel size is, broadly, indicated by the thickness of the sherds although the fragmentation of the assemblage precluded any useful assessment of the ratio between vessels of different sizes.

Rim shapes varied considerably from plain rounded rims to heavier rims with pronounced external bulges. One example (Pit 29) had a lateral handle immediately below the clubbed rim. In all but one case (Pit 10) the internal surface was smooth with no inturn of the rim. This presumably reflects the necessity to empty the pots of soil easily and without impediment when the plants were potted on or, in the case of larger vessels, perhaps when the plant was no longer needed for display. The wide range of vessel sizes seen in the assemblage may reflect the wide variations in the sizes and possibly the species of plants in the garden. While the smaller pots were most probably intended for the propagation and growing of plants, the larger ones may well have held larger individual plants or groups of smaller specimens. The external bulges and everted rims seen on the larger vessels may well have been intended to ease the lifting of the pots when they were full of soil. Very few of the

sherds bore any decoration and only one carried part of a maker's name (limited to a single ambiguous letter). With one exception (shown in Plate 1), decoration was limited to shallow impressed lines, usually single but sometimes double, on the external surface. The thistle design from Pit 8 shown in Plate 1 is unusual and without parallel in the author's experience.

A large rod handle was recovered from Pit 38. Superficially this bore a certain resemblance to a medieval jug handle, even down to the splashes of glaze on the surface, but the fabric was clearly that of the Unglazed Red Earthenwares. Whether the resemblance to a medieval jug is fortuitous or whether there was a deliberate intention to produce a simulacrum of an 'antique' jug, perhaps for some decorative or display purpose, is unclear.

A small number of sherds appeared to carry a thin layer of white slip on the external surface (Pits 4, 24, 28, 29 and 40). In all cases this was thin and streaky, barely covering the red body beneath.

Several possible and one definite pot disc (Pit 6, shown in Plate 2) were identified amongst the red wares. The purpose of these objects remains unknown.

The range of vessel forms seen in the Unglazed Red Earthenwares was reflected in the Unglazed Buff Earthenwares, the principal difference being in the fabrics. The buff wares were generally somewhat harder than the red wares and were characterised not only by their colour but also by the presence of sparse to moderate quantities of fine quartz grit and occasional non-crystalline inclusions. One base (Pit 34) was classified as a flowerpot while the remainder appeared to be horticultural vessels of different kinds.

Three of the pits (25, 28 and 29) produced fragments of ceramic plant labels (Plate 3). These 'T' shaped objects were made from refined earthenware bodies similar to those of 19<sup>th</sup> century Whitewares and were unglazed, presumably to allow details of the plants to be written on them in pencil. No trace of writing survived on any of the fragments examined.

#### *Refined earthenwares*

In addition to the horticultural wares, the assemblage also included fragments of typical later 18<sup>th</sup> and 19<sup>th</sup> century tablewares. The earliest of these sherds were the fragments of *Creamware* (c.1740 – c.1820) from Pits 2 and 40. Creamware, the earliest of the refined earthenwares which replaced White Salt Glazed Stoneware and matched imported porcelain in terms of quality and practicality, is a regular find on both urban and rural sites in Yorkshire and Derbyshire. Some of the other refined earthenwares, notably the *Cane Coloured ware*, *slip banded Cane Coloured ware* and the *Mocha ware* may also be of 18<sup>th</sup> century date although as production only began in the last decade of the 18<sup>th</sup> century and continued until the latter part of the 19<sup>th</sup> century, they might well be somewhat later than the Creamwares. Contemporary utilitarian wares from the site include the *Brown Glazed Coarseware* and *Brown Salt Glazed Stoneware*. The *Sponged ware* and *Whitewares* (plain and transfer printed) may be somewhat later in date (although the overlap in all of the date ranges listed in Table 1 should be noted in this context) as both types of pottery are of mid to later 19<sup>th</sup> century type.

#### *Other items*

Other items worthy of note in the assemblage included fragments of roof tile from Pit 30 and a piece of stone from pit 27 to which fragments of a vitreous slag were attached. All of these items require comment from suitably qualified specialists.

#### **Chronology and dating**

The dating of flowerpots and horticultural vessels is always difficult and particularly so when the sherds are plain and it is difficult to distinguish the vessel profiles. According to the outline chronology proposed by Currie (1993:239) a date range of between c.1800 and c.1850 would seem to be appropriate in that the assemblage of horticultural wares conforms, in general terms, to his characterisation of the traits typical of this period and, to a lesser extent to the latter part of his earlier period, c.1730 – c.1800. This also fits with the date range of the non-horticultural vessels. Indications from sites in Sheffield suggest that Cane Coloured wares of all but utilitarian type



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belonged to the early and middle part of the 19<sup>th</sup> century, becoming rarer in the final decades of the century (Cumberpatch 2008) although the extremely limited scope for the detailed analysis of assemblages from Sheffield means that much less can be said of this matter than might be the case in other circumstances. The presence of Whitewares may indicate a slightly later date although the distinction between late Pearlwares and early Whitewares can be difficult to demonstrate even under ideal conditions and the fragmentary and flaked sherds present in this assemblage renders the task even more difficult. It should also be noted that the date of deposition may be somewhat later than the date of manufacture. While this is true of many types of archaeological deposit, it is particularly the case with garden assemblages where pots no longer of use in the house may have been passed on for use by the gardeners and other ground staff (see also Cumberpatch 2003 for a possible parallel from Bretton Hall).

#### **Discussion**

It is never easy to comment in detail on an assemblage that consists largely of fragments of horticultural wares. Parallels for the assemblage locally include those from Brodsworth Hall near Doncaster (author's observations) and Bretton Hall in West Yorkshire (Cumberpatch 2003). More generally, Currie's review of the subject (1993) draws attention to the potential offered by the detailed analysis of horticultural assemblages. The assemblage considered here is somewhat too fragmentary for such a detailed analysis to be possible, but the fact that the site has produced such an assemblage suggests that the Chatsworth Estate could, in principal, provide data to compare with the two assemblages considered by Currie (Kirby Hall in Northamptonshire and Castle Bromwich Hall in the West Midlands). Should further work on or adjacent to the site considered here be in prospect, then it would seem to be worth including proposals for the inclusion of relevant parts (the diagnostic sherds) of this assemblage to be included in the analysis.

#### **Further work**

While further work on the assemblage would probably not lead to any great refinement of the discussion provided above, the assemblage should be retained in its entirety with a view to incorporating elements of it in any future research on the gardens of the Chatsworth Estate.

In terms of conservation and storage requirements, no conservation measures are necessary but the pottery was wet when delivered and requires thorough drying before it is finally packed and deposited in the appropriate local museum.

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Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
101	1	Brown Glazed Coarseware	1	6	1	BS	Pantheon	Brown glaze int only	C18th - C19th		
101	1	Unglazed Red Earthenware	1	60	1	BS	Horticultural vessel	U/Dec		Rilling int	
101	1	Whiteware	3	8	2	Rim	Flatware	U/Dec	M - LC19th		
101	2	Creamware	3	15	1	Recessed base	Jar	U/Dec	c.1740 - c.1820	Flaked	
101	2	Creamware	1	5	1	Recessed base	Jar	U/Dec	c.1740 - c.1820		
101	2	Unglazed Red Earthenware	2	22	2	BS	Horticultural vessel	U/Dec			
101	2	Unglazed Red Earthenware	1	12	1	BS	Horticultural vessel	U/Dec		Coarser fabric with non-crystalline platy rock fragments and occasional round red grit	
101	4	Unglazed Buff Earthenware	2	7	2	BS	Horticultural vessel	U/Dec		Buff fabric with sparse quartz and non-crystalline grit	
101	4	Unglazed Red Earthenware	1	45	1	Rim	Horticultural vessel	U/Dec		Clubbed rim with slight overhang	
101	4	Unglazed Red Earthenware	1	26	1	Rim	Horticultural vessel	Impressed lines on body		Clubbed, slightly everted rim	
101	4	Unglazed Red Earthenware	1	6	1	Rim	Horticultural vessel	Narrow collared rim		Thin walled vessel	
101	4	Unglazed Red Earthenware	2	9	2	Rim	Horticultural vessel	Small beaded rims		Thin walled vessels	
101	4	Unglazed Red Earthenware	1	7	1	Rim	Horticultural vessel	Folded beaded rim			
101	4	Unglazed Red Earthenware	3	120	3	BS	Horticultural vessel	U/Dec		Thicker vessels	
101	4	Unglazed Red Earthenware	1	44	1	BS	Horticultural vessel	Impressed lines ext			
101	4	Unglazed Red Earthenware	9	31	9	BS	Horticultural vessel	U/Dec			
101	4	Unglazed Red Earthenware	1	10	1	BS	Horticultural vessel	Thin white slip ext			
101	5	Cane Coloured ware	1	6	1	Rim	Small jar	Groove below rim	LC18th - MC19th	Cf. Pit 24	
101	5	Unglazed Red Earthenware	1	167	1	Base	Flowerpot	U/Dec		Perforated base	
101	5	Unglazed Red Earthenware	7	68	7	BS	Horticultural vessel	U/Dec		Various thicknesses	
101	5	Unglazed Red Earthenware	1	3	1	BS	Horticultural vessel	Single impressed line ext			
101	5	Unglazed Red Earthenware	1	18	1	BS	Horticultural vessel	Stamped letter ext		First letter of /maker's name ext	
101	5	Unglazed Red Earthenware	1	40	1	Rim	Horticultural vessel	Clubbed rim with external bulge			
101	5	Unglazed Red Earthenware	2	63	2	Base	Horticultural vessel	U/Dec			
101	5	Unglazed Red Earthenware	1	59	1	Base	Horticultural vessel	U/Dec		Thick base	
101	6	Brown Salt Glazed Stoneware	1	20	1	Rim	Bowl	Incised line ext and small beaded rim	LC18th - C19th		

Contact	PR	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
101	6	Unglazed Red Earthenware	1	15	1	BS	Horticultural vessel	U/D/Dec		Pot disc	
101	6	Unglazed Red Earthenware	3	9	3	BS	Horticultural vessel	U/D/Dec			
101	6	Unglazed Red Earthenware	1	64	1	BS	Horticultural vessel	Rilled profile ext		Larger vessel	
101	6	Unglazed Red Earthenware	2	27	2	Base	Horticultural vessel	U/D/Dec		Knife trimmed wall base angle	
101	6	Unglazed Red Earthenware	1	28	1	Rim	Horticultural vessel	Flat topped clubbed rim		Larger vessel	
101	6	Unglazed Red Earthenware	2	8	2	Rim	Horticultural vessel	Small beaded rim			
101	7	Unglazed Buff Earthenware	1	3	1	BS	Horticultural vessel	U/D/Dec		Thick base	
101	7	Unglazed Red Earthenware	1	35	1	Base	Horticultural vessel	U/D/Dec			
101	7	Unglazed Red Earthenware	1	29	1	Rim	Horticultural vessel	U/D/Dec		Rounded everted rim with overhang	
101	8	Stoneware type	1	14	1	BS	Hollow ware	U/D/Dec	C19th	Very hard, dense stoneware body with rock fragments Thick base	
101	8	Unglazed Red Earthenware	1	38	1	Base	Hollow ware	U/D/Dec			
101	8	Unglazed Red Earthenware	1	41	1	BS	Horticultural vessel	Stamped Thistle design ext between rouletted lines			1
101	8	Unglazed Red Earthenware	1	6	1	BS	Horticultural vessel	U/D/Dec			
101	9	Derby's Medieval Sandy ware Earthenware	1	19	1	BS	Hollow ware	U/D/Dec	LC11th - EC13th	See Cumberpatch 2004 for description	
101	9	Unglazed Buff Earthenware	1	34	1	BS	Horticultural vessel	U/D/Dec		Fabric resembles Unglazed Red Earthenware apart from the buff to pale brown colour	
101	9	Unglazed Red Earthenware	10	94	10	BS	Horticultural vessel	U/D/Dec			
101	9	Unglazed Red Earthenware	1	8	1	Base	Horticultural vessel	U/D/Dec			
101	9	Unglazed Red Earthenware	1	8	1	Rim	Horticultural vessel	U/D/Dec		Small beaded rim	
101	10	Unglazed Red Earthenware	2	59	2	BS	Horticultural vessel	U/D/Dec		Thicker sherds	
101	10	Unglazed Red Earthenware	2	5	2	BS	Horticultural vessel	U/D/Dec		Thinner sherds	
101	10	Unglazed Red Earthenware	1	7	1	Base	Horticultural vessel	U/D/Dec			
101	10	Unglazed Red Earthenware	1	42	1	Rim	Horticultural vessel	U/D/Dec		Clubbed rim with unusually a slight internal bulge	
101	10	Unglazed Red Earthenware	1	27	1	Rim	Horticultural vessel	U/D/Dec		Heavy clubbed rim with large external bulge	
101	10	Unglazed Red Earthenware	1	26	1	Rim	Horticultural vessel	U/D/Dec		Heavy clubbed rim with pronounced external bulge and slight overhang	
101	10	Unglazed Red Earthenware	1	70	1	Rim	Horticultural vessel	U/D/Dec		Large diameter heavy clubbed rim with	



Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
		Earthenware					vessel				
101	11	Unglazed Red Earthenware	1	50	1	BS	Horticultural vessel	U/Dec		rounded triangular profile; water abraded	
101	11	Unglazed Red Earthenware	9	112	9	BS	Horticultural vessel	U/Dec		Unusually thick (1.7cm) with grey core	
101	11	Unglazed Red Earthenware	3	109	2	BS	Horticultural vessel	Rilled profile ext			
101	11	Unglazed Red Earthenware	1	14	1	Base	Horticultural vessel	U/Dec			
101	11	Unglazed Red Earthenware	1	14	1	Rim	Horticultural vessel	U/Dec		Folded rim with cavity	
101	11	Unglazed Red Earthenware	1	7	1	Rim	Horticultural vessel	U/Dec		Clubbed rim	
101	12	Unglazed Red Earthenware	1	37	1	Base	Horticultural vessel	U/Dec		Bevelled base/wall angle	
101	12	Unglazed Red Earthenware	1	41	1	Base	Horticultural vessel	U/Dec		Bevelled base/wall angle	
101	12	Unglazed Red Earthenware	2	17	2	BS	Horticultural vessel	U/Dec			
101	13	Unglazed Red Earthenware	2	35	2	BS	Horticultural vessel	U/Dec			
101	15	Unglazed Red Earthenware	1	468	1	BS	Horticultural vessel	U/Dec		Large vessel; dry smoothed internally	
101	15	Unglazed Red Earthenware	1	17	1	BS	Horticultural vessel	U/Dec			
101	16	Transfer printed ware	1	4	1	Footring base	Earthenware vessel	TP design int but heavily burnt	LC18th - LC19th	Could be Earthenware or Whiteware; too heavily burnt to be certain	
101	16	Unglazed Red Earthenware	1	6	1	BS	Horticultural vessel	U/Dec			
101	17	Unglazed Red Earthenware	1	3	1	BS	Horticultural vessel	U/Dec		Soft with abraded edges	
101	17	Unglazed Red Earthenware	1	2	1	BS	Horticultural vessel	U/Dec		Unbeaded	
101	17	Whiteware	1	2	1	BS	Hollow ware	U/Dec			
101	21	Slip Banded CC ware	1	2	1	Rim	Bowl	White slip lines ext	M - LC19th LC18th - MC19th		
101	21	Unglazed Red Earthenware	1	1	1	BS	Horticultural vessel	U/Dec			
101	21	Unglazed Red Earthenware	1	12	1	Rim	Horticultural vessel	Clubbed rim			
101	22	Unglazed Red Earthenware	2	76	1	Base	Flow-crop	U/Dec		Perforated base	
101	22	Unglazed Red Earthenware	2	88	2	Base	Horticultural vessel	U/Dec		Thick base	
101	22	Unglazed Red Earthenware	1	1	1	Rim	Horticultural vessel	U/Dec		Small beaded rim	
101	22	Unglazed Red Earthenware	5	117	5	BS	Horticultural vessel	U/Dec		Thick body sherds	
101	22	Unglazed Red Earthenware	11	67	11	BS	Horticultural vessel	U/Dec			

Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
101	23	Cane Coloured ware	1	2	1	BS	Hollow ware	U/Dec	LC18th - M/LC19th		
101	23	Stoneware	1	25	1	BS	Bottle	Patchily green and brown mottling ext. green int	C19th		
101	23	Unglazed Red Earthenware	1	12	1	Base	Flowerpot	U/Dec		Perforated base	
101	23	Unglazed Red Earthenware	4	145	4	Rim	Horticultural vessel	Clubbed rims with external bulge		Various sizes of vessel	
101	23	Unglazed Red Earthenware	1	25	1	Base	Horticultural vessel	U/Dec		Thick base	
101	23	Unglazed Red Earthenware	1	16	1	Base	Horticultural vessel	U/Dec			
101	23	Unglazed Red Earthenware	9	83	9	BS	Horticultural vessel	U/Dec		Various thicknesses	
101	23	Unglazed Red Earthenware	6	573	6	BS	Horticultural vessel	U/Dec		Larger vessels; thicker walled sherds	
101	23	Unglazed Red Earthenware	1	9	1	Rim	Horticultural vessel	U/Dec		Folded rim	
101	23	Unglazed Red Earthenware	1	6	1	Rim	Horticultural vessel	U/Dec		Folded rim with shallow groove ext	
101	23	Unglazed Red Earthenware	6	50	6	BS	Horticultural vessel	U/Dec			
101	24	Brown Salt Glazed Stoneware	1	4	1	Base	Hollow ware	U/Dec	LC18th - C19th		
101	24	Cane Coloured ware	1	1	1	BS	Hollow ware	U/Dec	LC18th - M/C19th		
101	24	Cane Coloured ware	1	4	1	Rim	Small jar	Groove below rim	LC18th - M/C19th		
101	24	Stoneware	1	128	1	Rim & shoulder	Fibron	Mottled green-brown finish ext	M - LC19th	Short neck with handle stump on shoulder	
101	24	Stoneware	1	3	1	BS	Hollow ware	U/Dec	C19th	Secondarily burnt	
101	24	Unglazed Buff Earthenware	1	4	1	BS	Horticultural vessel	U/Dec		Buff fabric with sparse to moderate fine non-crystalline red to black grit and sparse quartz	
101	24	Unglazed Buff Earthenware	1	27	1	Rim	Horticultural vessel	Sharply everted flat-topped rim		Buff fabric with sparse to moderate fine non-crystalline red to black grit and sparse quartz	
101	24	Unglazed Red Earthenware	2	36	2	Base	Flowerpot	U/Dec		Perforated bases	
101	24	Unglazed Red Earthenware	28	306	28	BS	Horticultural vessel	U/Dec		Various thicknesses and sizes of vessel	
101	24	Unglazed Red Earthenware	3	62	3	Base	Horticultural vessel	U/Dec			
101	24	Unglazed Red Earthenware	1	10	1	BS	Horticultural vessel	A pair of impressed lines ext with thin white slip			
101	24	Unglazed Red Earthenware	1	25	1	Rim	Horticultural vessel	Heavy everted rim			
101	24	Unglazed Red Earthenware	2	20	2	Rim	Horticultural vessel	Small clubbed rims with slight overhang			
101	24	Unglazed Red Earthenware	1	13	1	Rim	Horticultural vessel	Folded everted rim			
101	25	ceramic plaque	1	8	1	Fragment	Plant marker	Incised line inside edge	Undated	Buff ceramic plaque; rectangular with cut-corners and stem. Plant marker?	

Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
101	25	Unglazed Red Earthenware	1	17	1	Base	Flowerpot	U/Dec		Perforated base	
101	25	Unglazed Red Earthenware	2	86	2	BS	Horticultural vessel	U/Dec		Thicker sherds	
101	25	Unglazed Red Earthenware	2	28	1	BS	Horticultural vessel	Rilled ext			
101	25	Unglazed Red Earthenware	4	38	4	BS	Horticultural vessel	U/Dec			
101	26	Unglazed Red Earthenware	1	30	1	BS	Horticultural vessel	U/Dec		Probable pot disc	
101	26	Unglazed Red Earthenware	2	31	2	BS	Horticultural vessel	U/Dec		Unusually thick sherds with grey core	
101	26	Unglazed Red Earthenware	30	348	30	BS	Horticultural vessel	U/Dec		Various thicknesses	
101	26	Unglazed Red Earthenware	1	45	1	BS	Horticultural vessel	Rilled ext			
101	26	Unglazed Red Earthenware	1	4	1	BS	Horticultural vessel	U/Dec		Pale orange fabric, vesicular	
101	26	Unglazed Red Earthenware	1	8	1	Base	Horticultural vessel	U/Dec		Small diameter base	
101	26	Unglazed Red Earthenware	1	8	1	Rim	Horticultural vessel	U/Dec		Folded clubbed rim	
101	26	Unglazed Red Earthenware	1	8	1	Rim	Horticultural vessel	U/Dec			
101	26	Unglazed Red Earthenware	1	8	1	Rim	Horticultural vessel	U/Dec			
101	26	Unglazed Red Earthenware	1	10	1	Rim	Horticultural vessel	Shallow groove on body		Folded rim; slightly irregular finish	
101	26	Unglazed Red Earthenware	1	3	1	BS	Horticultural vessel	Shallow groove on body			
101	26	Unglazed Red Earthenware	1	3	1	Rim	Horticultural vessel	U/Dec		Short collared rim; heavily abraded	
101	27	Mocha ware	1	6	1	Rim	Bowl	Broad white slip band and white band ext	LC189b - C19th	Cane Coloured ware body	
101	27	Slip Banded CC ware	1	4	1	BS	Hollow ware	Blue sponging int	LC189b - C19th	Cane Coloured ware body	
101	27	Sponged ware	1	3	1	BS	Flareware	Blue sponging int	c.1830+		
101	27	Stone	1	9	1	Fragment	N/A	N/A	Undated	Small piece of flat stone with vitreous slag attached	
101	27	Stoneware	1	2	1	BS	Hollow ware	Buff or brown finish; burnt	C19th	Secondarily burnt	
101	27	Transfer printed Whiteware	1	1	1	BS	Flareware	Two Temples	M - LC19th		
101	27	Unglazed Red Earthenware	1	14	1	Base	Flowerpot	U/Dec		Perforated base	
101	27	Unglazed Red Earthenware	28	210	28	BS	Horticultural vessel	U/Dec			
101	27	Unglazed Red Earthenware	2	53	2	BS	Horticultural vessel	U/Dec			
101	27	Unglazed Red Earthenware	2	26	2	BS	Horticultural vessel	U/Dec		Probably pot discs	
101	27	Unglazed Red Earthenware	1	47	1	Base	Horticultural vessel	U/Dec		Very thick base sherd with grey core	

Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
101	27	Unglazed Red Earthenware	1	25	1	Rim	Horticultural vessel	U/Dec		Shallow collared rim	
101	27	Unglazed Red Earthenware	1	36	1	BS	Horticultural vessel	Deep rounded lines ext		Thick sherd with unusual decoration	
101	27	Unglazed Red Earthenware	1	19	1	Rim	Horticultural vessel	U/Dec		Very deep collared rim with shallow groove ext; heavily abraded	
101	27	Unglazed Red Earthenware	2	135	2	Base	Horticultural vessel	Bevelled base/body angle		Two thick bases	
101	27	Unglazed Red Earthenware	2	43	2	Rim	Horticultural vessel	U/Dec		Heavy clubbed rims, external bulge	
101	27	Unglazed Red Earthenware	1	8	1	Rim	Horticultural vessel	U/Dec		Folded rim	
101	27	Unglazed Red Earthenware	1	8	1	Rim	Horticultural vessel	U/Dec		Folded rim	
101	27	Unglazed Red Earthenware	1	19	1	Base	Horticultural vessel	U/Dec			
101	27	Unglazed Red Earthenware	1	9	1	Base	Horticultural vessel	U/Dec		Very heavily abraded	
101	27	Unglazed Red Earthenware	1	5	1	BS	Horticultural vessel	Shallow impressed groove ext			
101	27	Unglazed Red Earthenware	1	7	1	Rim	Horticultural vessel	U/Dec		Clubbed rim	
101	27	Unglazed Red Earthenware	1	3	1	Base	Horticultural vessel	U/Dec		Abraded	
101	27	White ware	1	1	1	BS	Fatware	U/Dec	M - LC19th		
101	28	Brown Salt-glazed Stoneware	1	3	1	Rim	Bowl	U/Dec	LC18th - C19th		
101	28	Cane Coloured ware	1	4	1	Rim	Small jar	Groove below rim	LC18th - MC19th	cf pits 5 and 24 for similar sherds	
101	28	Ceramic plaque	1	19	1	Fragment	Plant marker	Incised line inside edge	Undated	Buff ceramic plaque; rectangular with cut-corners and stem; plant marker?	
101	28	Unglazed Red Earthenware	4	74	4	Base	Flowerpot	U/Dec		Perforated base	
101	28	Unglazed Red Earthenware	21	162	21	BS	Horticultural vessel	U/Dec			
101	28	Unglazed Red Earthenware	3	47	3	BS	Horticultural vessel	Thin white slip-like deposit ext			
101	28	Unglazed Red Earthenware	5	160	5	BS	Horticultural vessel	U/Dec		Thicker sherds	
101	28	Unglazed Red Earthenware	3	47	3	Base	Horticultural vessel	U/Dec			
101	28	Unglazed Red Earthenware	1	6	1	Rim	Horticultural vessel	U/Dec		Short collared rim with overhang	
101	28	Unglazed Red Earthenware	1	2	1	Rim	Horticultural vessel	U/Dec			
101	28	Unglazed Red Earthenware	1	7	1	Rim	Horticultural vessel	U/Dec		Collared rim	
101	28	Unglazed Red Earthenware	1	30	1	Rim	U/JD vessel	U/Dec		Very dark fabric; undifferentiated type	
101	29	Cane Coloured ware	1	1	1	BS	Hollow ware	U/Dec	LC18th - MC19th		



Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
101	29	Ceramic plaque	1	4	1	Fragment	Plant marker	Incised line inside edge	Undated	Buff ceramic plaque, probably a plant marker; whiteware fabric	
101	29	Mocha ware	2	5	1	BS	Bowl	Blue Mocha flash on white slip	LC18th - C19th	C are coloured ware body	
101	29	Transfer printed Whiteware	3	3	2	Rim & BS	Saucer	U/ID TP design int	M - LC19th		
101	29	Unglazed Buff Sandy ware	1	2	1	BS	Horticultural vessel	U/Dec		Unusual buff fabric containing abundant rounded quartz grains	
101	29	Unglazed Red Earthenware	1	30	1	Base	Flowerpot	U/Dec		Perforated base	
101	29	Unglazed Red Earthenware	8	89	8	BS	Horticultural vessel	U/Dec		Thicker sherds	
101	29	Unglazed Red Earthenware	2	114	2	BS	Horticultural vessel	U/Dec			
101	29	Unglazed Red Earthenware	1	28	1	Base	Horticultural vessel	U/Dec			
101	29	Unglazed Red Earthenware	1	25	1	BS	Horticultural vessel	Incised lines ext with a thin white slip coating		Folded rim with cavity	
101	29	Unglazed Red Earthenware	1	20	1	Rim	Horticultural vessel	U/Dec		Clubbed everted rim	
101	29	Unglazed Red Earthenware	1	57	1	Rim	Horticultural vessel	U/Dec			
101	29	Unglazed Red Earthenware	1	105	1	Rim & handle	Horticultural vessel	U/Dec		Heavy clubbed rim with lateral handle immediately below the bulge of the rim	
101	29	Unglazed Red Earthenware	1	6	1	Rim	Horticultural vessel	U/Dec		Small clubbed rim with overhang	
101	29	Unglazed Red Earthenware	1	2	1	Rim	Horticultural vessel	U/Dec			
101	29	Unglazed Red Earthenware	1	7	1	Base	Horticultural vessel	U/Dec			
101	29	Unglazed Red Earthenware	1	5	1	BS	Horticultural vessel	U/Dec			
101	29	Whiteware	1	1	1	BS	Hollow ware	U/Dec	M - LC19th		
101	30	Tile	2	599	2	Fragments	Tile	N/A	Undated	Requires specialist attention	
101	30	Unglazed Buff Earthenware	1	6	1	Rim	Horticultural vessel	U/Dec		Round clubbed rim with small overhang	
101	30	Unglazed Red Earthenware	2	40	2	BS	Horticultural vessel	U/Dec		Soft and heavily abraded	
101	30	Unglazed Red Earthenware	2	15	2	BS	Horticultural vessel	U/Dec			
101	30	Unglazed Red Earthenware	1	9	1	Rim	Horticultural vessel	U/Dec		Clubbed rim with external bulge	
101	31	Unglazed Red Earthenware	4	57	4	BS	Horticultural vessel	U/Dec			
101	33	Unglazed Red Earthenware	1	190	1	Rim	Horticultural vessel	U/Dec		Clubbed rim	
101	33	Unglazed Red Earthenware	7	81	7	BS	Horticultural vessel	U/Dec			
101	34	Unglazed Buff Earthenware	1	17	1	Base	Flowerpot	U/Dec		Fine red inclusions	



Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
101	34	Unglazed Red Earthenware	1	7	1	BS	Horticultural vessel	U/Dec			
101	35	Unglazed Red Earthenware	1	30	1	BS	Horticultural vessel	Thin grey surfaces int & ext		Large vessel - very little curvature	
101	35	Unglazed Red Earthenware	2	31	2	BS	Horticultural vessel	U/Dec			
101	35	Unglazed Red Earthenware	1	37	1	BS	Horticultural vessel	U/Dec		Very thick sherd (2cm)	
101	35	Whiteware	5	14	2	Rim & BS	Flatware vessel	U/Dec	M - LC19th	Could be early C20th	
101	36	Unglazed Red Earthenware	5	43	5	BS	Horticultural vessel	U/Dec			
101	36	Unglazed Red Earthenware	1	28	1	BS	Horticultural vessel	U/Dec		Thick body sherd	
101	36	Unglazed Red Earthenware	1	1	1	Rim	Horticultural vessel	U/Dec		Faded rim with cavity	
101	37	Unglazed Red Earthenware	1	4	1	Rim	Horticultural vessel	U/Dec		Faded rim with cavity	
101	37	Unglazed Red Earthenware	1	1	1	BS	Horticultural vessel	U/Dec		Heavily abraded	
101	38	Unglazed Buff Earthenware	1	8	1	Rim	Horticultural vessel	Profiled rim and impressed line on body		Small rounded rim with unusual profile	
101	38	Unglazed Red Earthenware	1	97	1	Rod handle	Horticultural vessel	Patch of glaze ext		Resembles a medieval jug handle in form and with a patch of glaze but the fabric is Unglazed Red Earthenware	
101	38	Unglazed Red Earthenware	1	64	1	Base	Horticultural vessel	Bevelled wall base angle			
101	38	Unglazed Red Earthenware	1	44	1	BS	Horticultural vessel	Impressed line ext			
101	38	Unglazed Red Earthenware	12	80	12	BS	Horticultural vessel	U/Dec			
101	38	Unglazed Red Earthenware	1	31	1	Rim	Horticultural vessel	U/Dec		Heavy clubbed rim	
101	39	Cane Coloured ware	1	29	1	Ring foot base	Bowl	U/Dec	E/MC19th	Rounded ring foot base	
101	39	Unglazed Buff Earthenware	1	13	1	Rim	Horticultural vessel	U/Dec		Heavy clubbed rim	
101	39	Unglazed Red Earthenware	1	13	1	Rim	Horticultural vessel	U/Dec		Rounded and slightly everted rim	
101	39	Unglazed Red Earthenware	1	23	1	Base	Horticultural vessel	U/Dec		Abraded edges	
101	39	Unglazed Red Earthenware	3	26	3	BS	Horticultural vessel	U/Dec			
101	39	Unglazed Red Earthenware	1	10	1	Rim	Horticultural vessel	U/Dec		Top part of a heavy clubbed rim	
101	39	Unglazed Red Earthenware	1	9	1	BS	Horticultural vessel	Shallow impressed groove ext			
101	40	Creamware	3	6	2	BS	Flatware	U/Dec	c.1740 - c.1820	Flaked	
101	40	Unglazed Buff Earthenware	14	210	14	BS	Horticultural vessel	U/Dec		Various thicknesses of body	
101	40	Unglazed Red Earthenware	1	3	1	Base	Flowerpot	U/Dec		Perforated base	

Context	Pit	Type	No	Wt	ENV	Part	Form	Decoration	Date range	Notes	Plate
		Earthenware									
101	40	Unglazed Red Earthenware	1	7	1	BS	Horicultural vessel	Thin white slip ext			
101	40	Unglazed Red Earthenware	3	46	3	Rim	Horicultural vessel	U/Dec		Clubbed rim with ext bulge; grey core	
101	40	Unglazed Red Earthenware	1	25	1	Rim	Horicultural vessel	U/Dec		Clubbed rim	
		<b>Total</b>	<b>487</b>	<b>8841</b>	<b>475</b>						

**Table 1.** Pottery from excavations on the Chatsworth Estate (CHATS08)