

**Archaeological Watching Brief Report  
Stanhope Lodge, Worthing  
West Sussex**

**NGR: 509568, 105600 to  
511182, 105730**

**ASE Project No: 160322  
Site Code: SLW16  
ASE Report No: 2017008  
OASIS id: archaeol6-272724**



**By Chris Russel**

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**Abstract**

*Archaeology South-East was commissioned by Southern water to undertake an archaeological watching brief during works associated with the replacement of a water main at Stanhope Lodge, Worthing, West Sussex.*

*A total of six pits were monitored, four in the east of the scheme close to the Coach and Horses public house and two in the west in the grounds of Castle Goring. The area in the east had been heavily disturbed by recent road building and the area in the west showed signs of landscaping and bioturbation. No archaeological finds or features were observed.*

## **CONTENTS**

- 1.0 Introduction**
- 2.0 Archaeological Background**
- 3.0 Archaeological Methodology**
- 4.0 Results**
- 5.0 Conclusions**

**Bibliography**  
**Acknowledgements**

**HER Summary**  
**OASIS Form**

### **TABLES**

- Table 1: Quantification of site archive
- Table 2: List of recorded contexts for Pit 1
- Table 3: List of recorded contexts for Pit 2
- Table 4: List of recorded contexts for Pits 3 & 4
- Table 5: List of recorded contexts for Pits 5 & 6

### **FIGURES**

- Figure 1: Site location
- Figure 2: Site plan and trench location
- Figure 2: Site photos

## **1.0 INTRODUCTION**

- 1.1 Archaeology South-East (ASE) was commissioned by Southern Water to undertake archaeological monitoring during the works associated with the replacement of a Southern Water main at Stanhope Lodge, Worthing, West Sussex, hereafter 'the scheme' (NGR 509568, 105600 to 511182, 105730. Figure 1).
- 1.2 The scheme comprises excavations for a new clean water main originating near Stanhope Farm (BN13 3UA), extending west for c. 1.7km adjacent to the A27 and connecting to the main immediately north of Titnore Lane (Figure 2).
- 1.3 Initial consultation between ASE and Southern Water outlined the archaeological potential of the area and it was recommended that an archaeological watching brief would be appropriate in the western part of the scheme where the new main will be connected to the existing one at Titnore Lane, the area that lies in the Castle Goring Conservation Area and the area in the eastern part of the scheme close to the Coach and Horses public house. Due to Local Authority requirements to mitigate disruption to traffic on the A27, some of the work was scheduled to take place at night and was therefore not practical for a watching brief to be maintained.
- 1.4 The underlying solid geology consists of London Clay Formation (Clay, Silt and Sand), London Clay Formation (Sand), Lambeth Group (Clay, Silt and Sand) and Spetisbury Chalk Member Chalk). There is also a possibility of encountering superficial deposits of Head (Clay, Silt, Sand and Gravel) (BGS 2016).
- 1.5 A Written Scheme of Investigation (ASE 2016) for the archaeological works was prepared for the site following consultation between ASE and Southern Water and in accordance with relevant Standards and Guidance of the Chartered Institute for Archaeologists (CIfA). All work was carried out in regard to this document and with the *Sussex Archaeological Standards* (2015).
- 1.6 The monitored work took place in two distinct areas of the scheme. Area 1 was situated in the east of the scheme close to the Coach and Horses public house in the verges south of the A27 and Area 2 was located within the grounds of Goring Castle within the lawns north of the house. The watching brief took place on the 12<sup>th</sup> and 13<sup>th</sup> of December 2016. The scope of this document is to report on the work.

## **2.0 ARCHAEOLOGICAL BACKGROUND**

- 2.1 Two archaeological evaluations that took place at Castle Park in 1998 and 2004 uncovered prehistoric features consisting of two possible hearths (possibly of Mesolithic date), a possible cremation, a pit and two parallel ditches, suggesting the possible presence of Mesolithic to Bronze Age remains in the area.
- 2.2 Northbrook Villa (1700m south of the site) is an important Iron Age to Roman site. The villa itself is located under the buildings of Northbrook College and archaeological investigations that took place around the site uncovered extensive Late Bronze Age to Roman activity.
- 2.3 Substantial evidence of later prehistoric to Roman date activity is also known from the Angmering area and the route of a Roman road has long been suspected to pass through the general works area, crossing the A27, North-South, just east of the Coach and Horses public house.
- 2.4 Highdown Hill (1400m to the south-west) is a Scheduled Monument and is an Iron Age Hillfort with evidence of use up until the Anglo-Saxon period where it was used as a cemetery.
- 2.5 Seven Listed Buildings lie in close proximity of the site two of which are located by the Coach and Horses public house whilst the others are located close to Castle Goring (a Grade I Listed Building located within a Conservation Area). Castle Goring and the Coach and Horses date back to the 19<sup>th</sup> Century.

### **3.0 ARCHAEOLOGICAL METHODOLOGY**

#### **3.1 Fieldwork Methodology**

- 3.1.1 The archaeological methodology was set out in the Written Scheme of Investigation (ASE. 2016). All work was carried out in accordance with this document and in line with the professional standards and guidelines of the Chartered Institute for Archaeologists (CIfA 2016).
- 3.1.2 The works monitored included four pits excavated within the strip of land between the A27 dual carriageway and the Coach and Horses public house and two pits in the lawns to the north of Castle Goring. All works were undertaken with a machine excavator equipped with 1.0m wide toothless bucket except the two at Castle Goring which were hand dug.
- 3.1.3 Contexts revealed during the watching brief were numbered sequentially and recorded using ASE pro-forma recording sheets. A digital photographic record of the work was kept and is included in the site archive.

#### **3.2 The Site Archive**

- 3.2.1 The site archive is currently held at the offices of ASE and will be deposited with the South Downs Museum in due course. The contents of the archive are tabulated below (Table 1).

Number of Contexts	7
No. of files/paper record	1
Plan and sections sheets	0
Colour photographs	0
B&W photos	0
Digital photos	59
Permatrace sheets	0
Watching Brief Record Forms	2

Table 1: Quantification of site archive

## 4.0 RESULTS

### 4.1 Pit 1 (Figure 2)

- 4.1.1 Pit 1 was situated on a grass verge to the north-east of The Coach and Horses public house. It was 1,1m wide and 3.0m long and dug to approximately 1.2m below ground level (BGL).
- 4.1.2 No archaeological finds or features were identified during the monitoring process.
- 4.1.3 The natural geology comprised a stiff yellow brown clay with flints geology [02] and was encountered at around 0.60m BGL.
- 4.1.4 The natural substrate was directly overlain by a topsoil deposit [01] made up of mid grey brown fine silt with a maximum depth of 0.60m.

Context	Type	Interpretation	Max. Length m	Max. Width m	Deposit Thickness m
01	Layer	Topsoil	Trench	Trench	0.6
02	Layer	Natural geology	Trench	Trench	NA

Table 2: List of recorded contexts for Pit 1

### 4.2 Pit 2 (Figure 2)

- 4.2.1 Pit 2 was situated on a grass verge to the north-west of The Coach and Horses public house. It was 1,5m wide and 3.0m long and dug to approximately 2.0m below ground level (BGL).
- 4.2.2 No archaeological finds or features were identified during the monitoring process.
- 4.2.3 The natural geology comprised a stiff yellow brown clay with flints geology and was encountered at around 0.40m BGL.
- 4.2.4 The natural substrate was directly overlain by made ground [03] made up of mid grey brown fine silt with a maximum depth of 0.40m.

Context	Type	Interpretation	Max. Length m	Max. Width m	Deposit Thickness m
03	Layer	Topsoil	Trench	Trench	0.4
02	Layer	Natural geology	Trench	Trench	NA

Table 3: List of recorded contexts for Pit 2



### 4.3 Pits 3 & 4 (Figure 2)

4.3.1 Pits 3 and 4 were situated on a grass verge between the current A27 and the public footpath in the very east of the scheme. Both pits revealed topsoil [01] and made ground [03] directly overlying tarmac of the old A27 carriageway. These deposits were as described above. In Pit 4 the tarmac and sub-base of the carriageway was removed and it was observed to sit directly over clay with flints geology with no remnant soil horizons present.

4.3.2 No archaeological finds or features were identified during the monitoring process.

Context	Type	Interpretation	Max. Length m	Max. Width m	Deposit Thickness m
01	Layer	Topsoil	Trench	Trench	0.15
03	Layer	Made Ground	Trench	Trench	0.20
02	Layer	Natural Geology	Trench	Trench	N/A

Table 4: List of recorded contexts for Pits 3 & 4

### 4.4 Pits 5 & 6 (Figure 2)

4.4.1 Pits 5 & 6 were situated within the grounds Castle Goring in the west of the scheme. Both pits were hand dug to 0.80m BGL within the lawns to the north of the house.

4.4.2 Pit 5 was the westernmost of the pair and measured 0.60m wide by 1.3m long. Yellow clay geology [07] was encountered at 0.22m BGL. This was overlain by rooted subsoil [05] with a maximum depth of 0.15m with the sequence capped by mid grey clay silt topsoil [04] and turf which was 0.07m deep.

4.4.3 Pit 6 was dug to the south-east of Pit 5 and measured 0.65m wide by 1.50m long. Clay geology was noted at 0.45m BGL. This was overlain by re-deposited clay with flints [06] with a depth of 0.22m which was possibly deposited during the construction of the construction of the nearby drive way. The sequence was capped by topsoil and turf which was identical to that described for Pit 5 and was noted to a depth of 0.23m.

4.4.4 No archaeological finds or features were identified during the monitoring process.

Context	Type	Interpretation	Max. Length m	Max. Width m	Deposit Thickness m
04	Layer	Topsoil	Trench	Trench	0.23
05	Layer	Subsoil	Trench	Trench	0.15
06	Layer	Re-deposited clay with flints	Trench	Trench	0.22
07	Layer	Clay geology	Trench	Trench	N/A

Table 5: List of recorded contexts for Pits 5 & 6

## **5.0 CONCLUSIONS**

- 5.1 No archaeological finds or features were identified during the archaeological watching brief. Excavations in the east of the scheme revealed that any subsoil deposits likely to preserve buried archaeology have been truncated by successive road building activities. Although the geological substrate appeared intact in the west of the scheme disturbance in the form of landscaping and bioturbation was evident.

## **BIBLIOGRAPHY**

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## **ACKNOWLEDGEMENTS**

ASE would like to thank Southern Water for commissioning the work and for their assistance throughout the project, and James Kenny Chichester District Archaeologist for his guidance and monitoring. Neil Griffin project managed the excavations, Dan Swift and Jim Stevenson the post-excavation process.

## HER Summary

Site code	SLW16				
Project code	160322				
Planning reference	NA				
Site address	Stanhope Lodge, Worthing, West Sussex				
District/Borough	Worthing				
NGR (12 figures)	509568, 105600 to 511182, 105730				
Geology	London Clay Formation, Lambeth Group and Spetisbury Chalk				
Fieldwork type			WB		
Date of fieldwork	12th and 13th of December 2016				
Sponsor/client	Southern Water				
Project manager	Neil Griffin				
Project supervisor	Chris Russel				
Period summary					
					Modern
Project summary (100 word max)	<p>Archaeology South-East was commissioned by Southern water to undertake an archaeological watching brief during works associated with the replacement of a water main at Stanhope Lodge, Worthing, West Sussex.</p> <p>A total of six pits were monitored, four in the east of the scheme close to the Coach and Horses public house and two in the west in the grounds of Castle Goring. The area in the east had been heavily disturbed by recent road building and the area in the west showed signs of landscaping and bioturbation. No archaeological finds or features were observed.</p>				

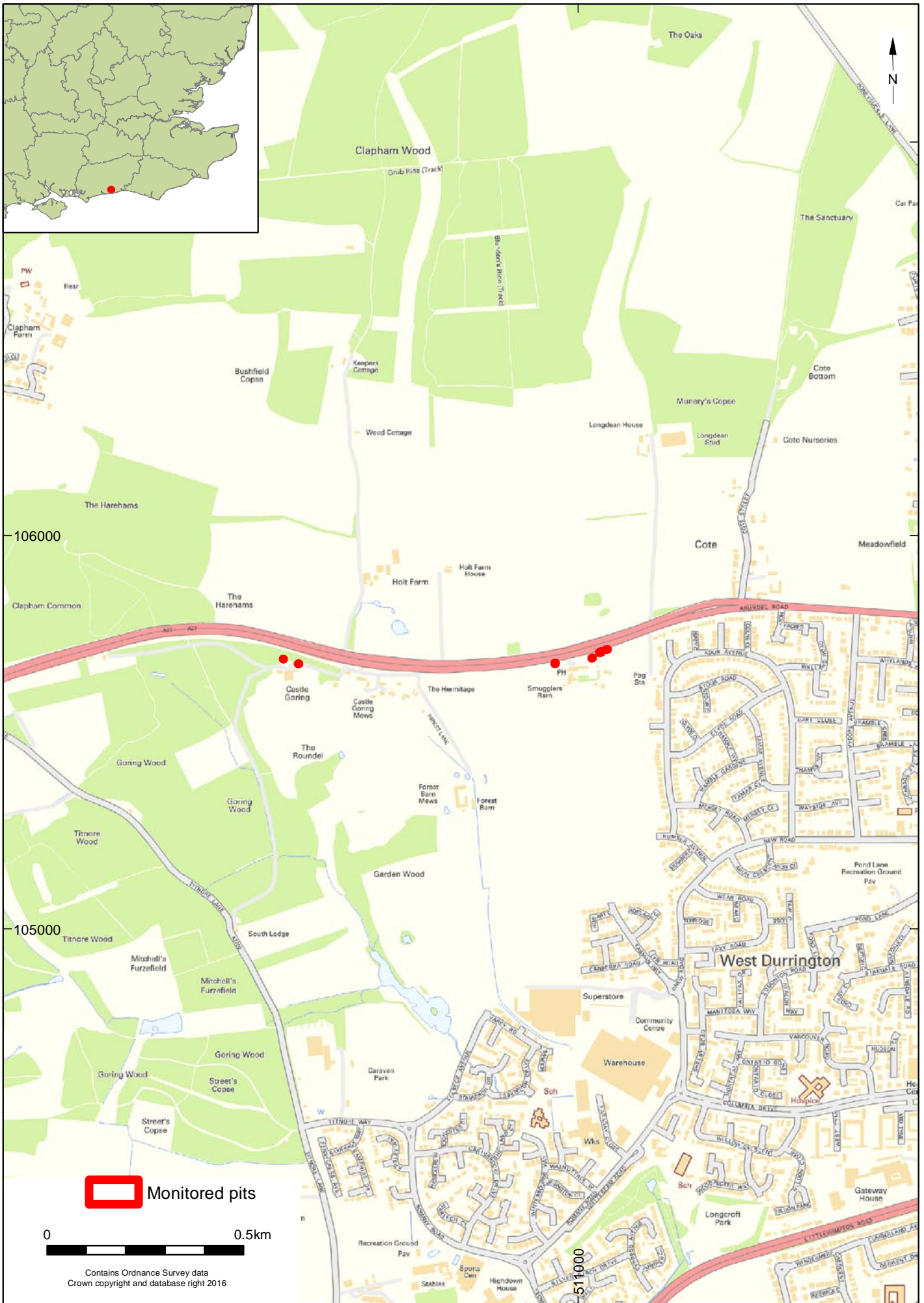
## OASIS Form

### OASIS ID: archaeol6-272724

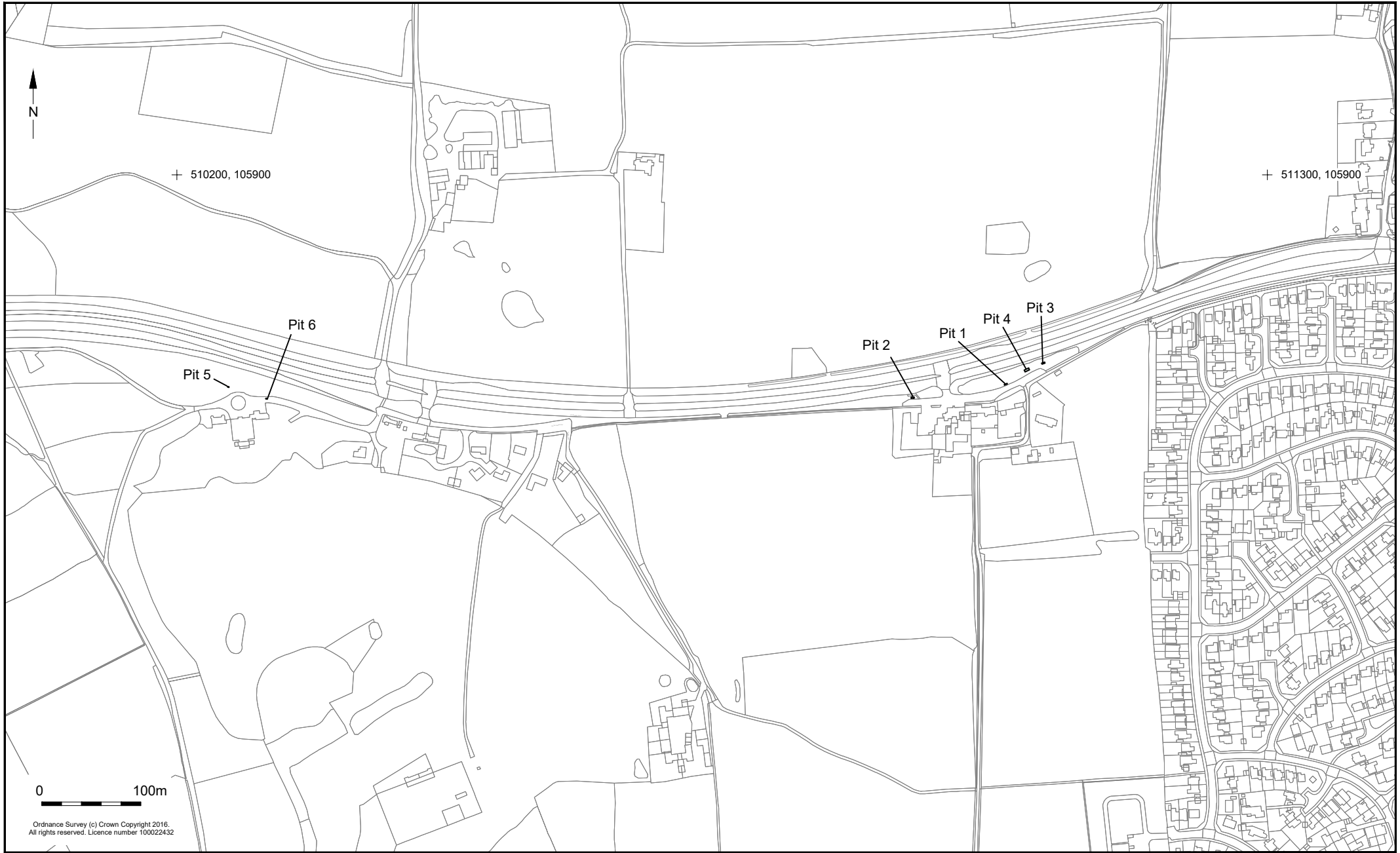
#### Project details

Project name	Archaeological Watching Brief Report Stanhope Lodge, Worthing, West Sussex
Short description of the project	Archaeology South-East was commissioned by Southern water to undertake an archaeological watching brief during works associated with the replacement of a water main at Stanhope Lodge, Worthing, West Sussex. A total of six pits were monitored, four in the east of the scheme close to the Coach and Horses public house and two in the west in the grounds of Castle Goring. The area in the east had been heavily disturbed by recent road building and the area in the west showed signs of landscaping and bioturbation. No archaeological finds or features were observed.
Project dates	Start: 12-12-2016 End: 13-12-2017
Previous/future work	Not known / No
Any associated project reference codes	160322 - Contracting Unit No.
Any associated project reference codes	SLW16 - Sitecode
Type of project	Recording project
Site status	None
Current Land use	Other 12 - Verge
Monument type	NONE None
Significant Finds	NONE None
Investigation type	"Watching Brief"
Project location	
Country	England
Site location	WEST SUSSEX WORTHING WORTHING Stanhope Lodge, Worthing
Postcode	BN13 3AU
Site coordinates	TQ 509568 105600 50.874216810668 0.145826989198 50 52 27 N 000 08 44 E Point
Site coordinates	TQ 511182 105730 50.874291350848 0.148124917522 50 52 27 N 000 08 53 E Point
Project creators	
Name of Organisation	Archaeology South East
Project brief originator	Archaeology South East

Project design originator	Southern Water
Project director/manager	Neil Griffin
Project supervisor	Chris Russel
Type of sponsor/funding body	Southern Water
Project archives	
Physical Archive Exists?	No
Physical Archive recipient	Local Museum
Digital Archive recipient	Local Museum
Digital Media available	"Images raster / digital photography"
Paper Archive recipient	Local Museum
Paper Media available	"Context sheet", "Report", "Unpublished Text"
Project bibliography	
1	
Publication type	Grey literature (unpublished document/manuscript)
Title	Archaeological Watching Brief Report Stanhope Lodge, Worthing, West Sussex
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Entered by	chris russel (c.russel@ucl.ac.uk)
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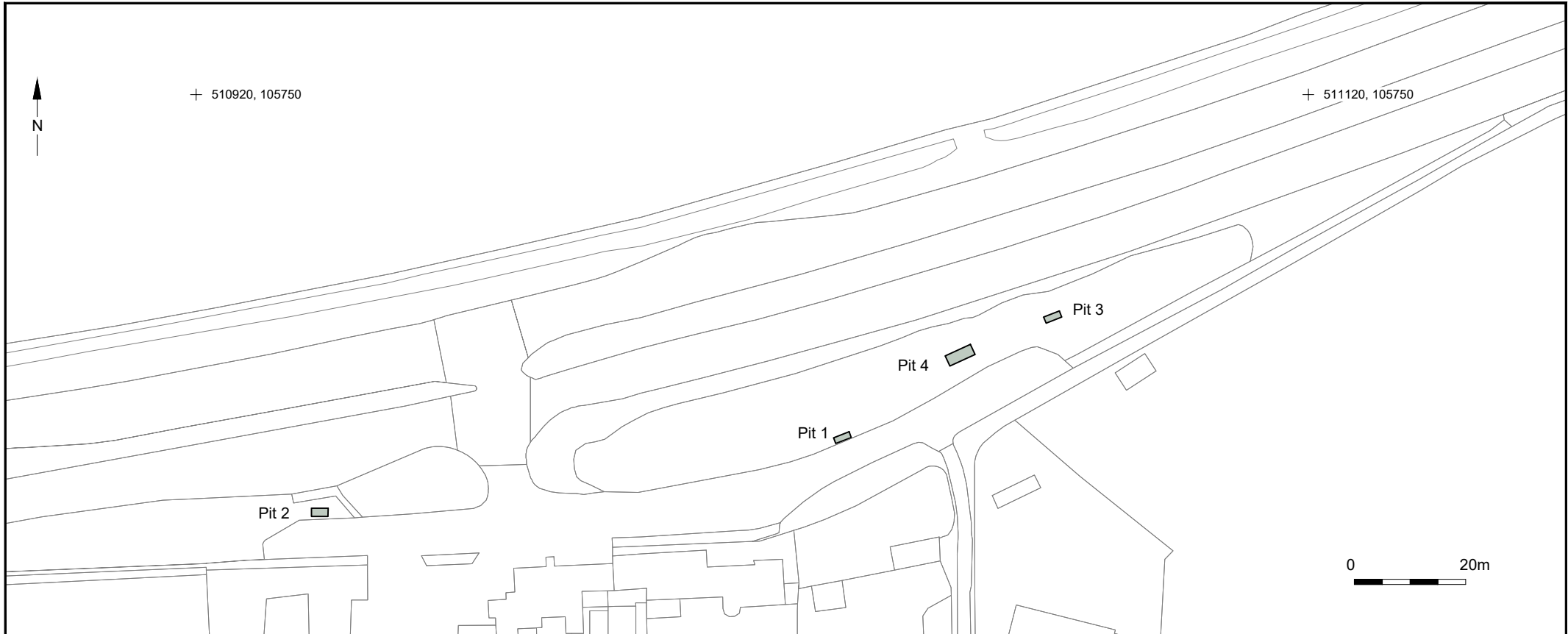


© Archaeology South-East		Stanhope Lodge, Worthing	Fig. 1
Project Ref: 160322	Dec 2017	Site location	
Report Ref:	Drawn by: JLR		



© Archaeology South-East		Stanhope Lodge, Worthing	Fig. 2
Project Ref: 160322	Jan 2017	Location of watching brief areas	
Report Ref:	Drawn by: JLR		





Pit 1, south-facing section



Pit 2, south-facing section

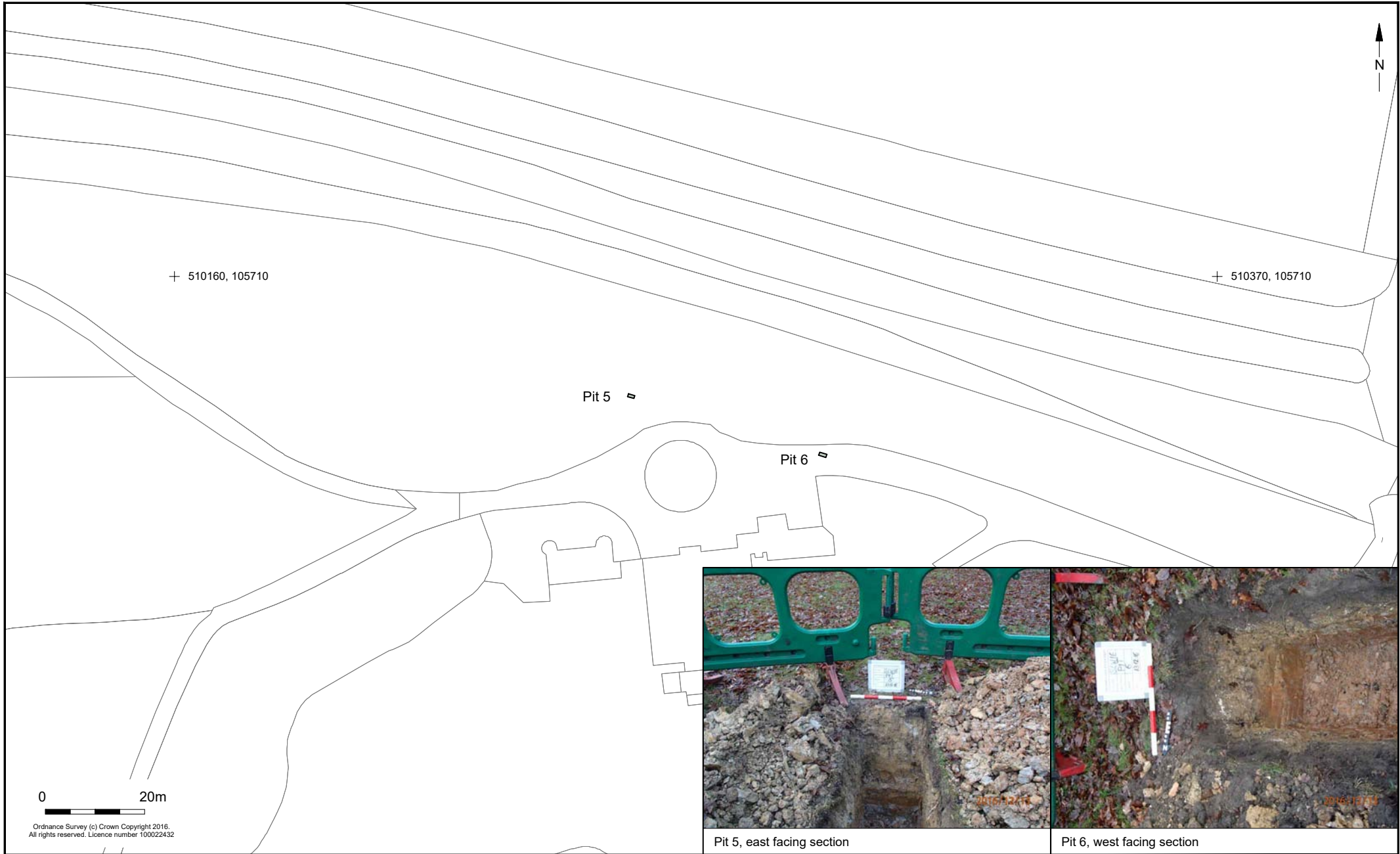


Pit 3



Pit 4, east facing section

© Archaeology South-East		Stanhope Lodge, Worthing	Fig. 3
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Report Ref:	Drawn by: JLR		



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Project Ref: 160322	Jan 2017	Location of pits 5-6	
Report Ref:	Drawn by: JLR		

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