



## Manystones Pipeline Renewal, Derbyshire

### Statement of Results





**MANYSTONES PIPELINE RENEWAL  
DERBYSHIRE**

**Archaeological Watching Brief  
Statement of Results**

Prepared for:  
**Laing O'Rourke Infrastructure**  
Sewage Treatment Works  
East Service Road  
Raynesway  
Derby  
DE21 7BR

by:  
**Wessex Archaeology**  
Unit R6, Riverside Block  
Sheaf Bank Business Park  
Prospect Road  
Sheffield  
South Yorkshire  
S2 3EN

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## **MANYSTONES PIPELINE RENEWAL DERBYSHIRE**

### **Archaeological Watching Brief Statement of Results**

#### **Summary**

Wessex Archaeology Ltd was commissioned by Laing O'Rourke Infrastructure to undertake an archaeological watching brief to mitigate the potential loss of archaeological remains during groundworks associated with the renewal of water mains between Bradbourne and Wirksworth, Derbyshire (**Figure 1** and **2**). An archaeological desk-based assessment of the scheme was prepared by ARCUS in 2008.

The renewal of the water mains involved the excavation of existing pipelines as well as the construction of new pipelines. Archaeological monitoring took place in areas where the scheme either a) passed through fields or b) through areas of archaeological interest or c) was not on the line of an existing pipeline. The watching brief was carried out between November 2010 and May 2011 in accordance with a Written Scheme of Investigation.

Few archaeological deposits or artefacts were identified during the work. The partial footing of a stone wall and a spread of material relating to the mining industry were identified at Middleton and kerbstones were revealed beneath the road surface at Wirksworth. No other archaeological deposits were identified during the course of the watching brief.

This document contains the results of the watching brief recorded and presented on *pro forma* sheets. The scheme is divided into four separate areas for ease of presentation:

1. Middleton and Steeple Grange
2. Coldwell Street, Wirksworth
3. Brassington to Bradbourne
4. Winster, Aldwark and Ible, via Grangemill

The project archive is currently held at Wessex Archaeology's offices in Sheffield.

## MANYSTONES PIPELINE RENEWAL DERBYSHIRE

### Archaeological Watching Brief Statement of Results

#### 1 MIDDLETON AND STEEPLE GRANGE

Site name	Manystones Pipeline Renewal		
Site address	B5035 Steeple Grange and Middleton (Figure 2c)		
Site code	76140	Grid ref (centred)	427655, 354831
Planning ref	N/A		
Dates(s) of attendance	Intermittently 08-11-10 to 20-04-11		
Description of construction activities monitored	Excavation of pits at Steeple Grange. Topsoil strip and excavation of pipe trench southwest of Middleton.		
Summary of site stratigraphy			
No archaeological remains were identified within the pits at Steeple Grange.			
At Middleton topsoil overlay light brown subsoil which overlay blue-grey clay natural deposits. A section of drystone wall foundation, comprising a single course of roughly shaped limestone blocks with no mortar and measuring 5.6m x 1.5m, was identified beneath the topsoil at NGR 427492, 354755 (Plate 1.1). The surrounding area has been mined for centuries and small areas of mining upcast consisting of very dark brown silty, stony deposits were identified at NGR 427492, 354755 and 427544, 354880 (Plate 1.2).			
Archaeological features	Drystone wall foundation. Upcast from mining activity	Natural features	None
Finds observed	Occasional post-medieval pottery sherds		
Finds collected	None	Samples	N/A
Photography	Digital: 78 shots		
Other records	Day book, Photo register, Scale drawing		
Current archive location	Wessex Archaeology, Sheffield		
Long term archive location	Not yet known		
Interpretation			
Minimal archaeological remains were present. Post-medieval or modern mining and landscape management features recorded.			
Other information			
Form completed by	GC	Date	14-06-11
Checked by	AB	Date	28-06-11
Additional documentation attached -			
1.	Annotated plan of monitored areas		
2.	Written scheme of investigation		





Plate 1.1. View of site showing foundation of drystone wall



Plate 1.2 View of site showing mining upcast

**2 COLDWELL STREET, WIRKSWORTH**

Site name	Manystones Pipeline Renewal		
Site address	Coldwell Street, Wirksworth		
Site code	76140	Grid ref (centred)	428897, 353973
Planning ref	N/A		
Dates(s) of attendance	Intermittently 28-02-11 to 30-03-11		
Description of construction activities monitored	A series of 1m x 3m pits were along Coldwell Street, Wirksworth at approximate intervals of 6m		
Summary of site stratigraphy			
<p>Typically the modern tarmac road surface lay on a bedding deposit above on yellow/orange sand (Plate 2.2). Rubble deposits were identified in some pits, possibly used to raise the road surface. A former tarmac road surface and a bedding layer were identified at the northern end of the section.</p> <p>A small section of a sandstone structure, possibly kerbstones, was identified south of St. Helens Road at NGR 429459, 353936 (Plate 2.1). It was bonded with sandy mortar and was cut by the water main.</p>			
Archaeological features	Sandstone kerbstones.	Natural features	
Finds observed	None		
Finds collected	N/A	Samples	N/A
Photography	Digital: 92 shots		
Other records	Day book, photo register, sketch plans		
Current archive location	Wessex Archaeology, Sheffield		
Long term archive location	Not yet known		
Interpretation			
Minimal archaeological remains were present. Deposits associated with road construction and maintenance were recorded			
Other information			
Form completed by	GC	Date	14-06-11
Checked by	AB	Date	28-06-11
Additional documentation attached -			
1.	Annotated plan of monitored areas		
2.	Written scheme of investigation		





Plate 2.1. Possible kerb stones south of St. Helens Road



Plate 2.2 South facing section of pit

### 3 BRASSINGTON TO BRADBOURNE

Site name	Manystones Pipeline Renewal		
Site address	Brassington to Bradbourne		
Site code	76140	Grid ref (centred)	421862, 353872
Planning ref	N/A		
Dates(s) of attendance	Intermittently 04-04-11 – 26-05-11		
Description of construction activities monitored	The excavation of 2m x 6m pits within pasture fields between Brassington and Bradbourne at intervals of approximately 100m		
Summary of site stratigraphy			
Topsoil overlay mid-greyish brown silty clay representing the backfill of the former pipe trench which had been cut through subsoil (Plate 3.1 and 3.2). Colluvial deposits were also observed midway along this section of the scheme. The natural consisted of grey clay.			
No archaeological features were identified.			
Archaeological features	None	Natural features	
Finds observed	None		
Finds collected	N/A	Samples	N/A
Photography	Digital: 64 shots		
Other records	Day book, photo registers		
Current archive location	Wessex Archaeology, Sheffield		
Long term archive location	Not yet known		
Interpretation			
Deposits associated with the insertion of the former pipe trench.			
Other information			
Form completed by	GC	Date	14-06-11
Checked by	AB	Date	28-06-11
Additional documentation attached -			
1.	Annotated plan of monitored areas		
2.	Written scheme of investigation		





Plate 3.1. South facing section of pit at southern end of site



Plate 3.2. East facing section of pit at northern end of site

**4 WINSTER, ALDWARK AND IBLE, VIA GRANGEMILL**

Site name	Manystones Pipeline Renewal		
Site address	Aldwark and Ible, via Grangemill		
Site code	76140	Grid ref (centred)	423848, 357435
Planning ref	N/A		
Dates(s) of attendance	Intermittently 08-11-10 to 18-03-11		
Description of construction activities monitored	Excavation of pits within pasture fields.		
<b>Summary of site stratigraphy</b>			
<p>Pits excavated at Aldwark revealed topsoil above subsoil and limestone bedrock. Excavations north of Grangemill revealed topsoil above subsoil and mid brown-orange clay natural deposits (Plate 4.1). Excavations south and west of Grangemill revealed topsoil above subsoil and either bedrock or natural clay deposits (Plate 4.2).</p> <p>No archaeological deposits were identified in these areas.</p>			
Archaeological features	None	Natural features	
Finds observed	None		
Finds collected	N/A	Samples	N/A
Photography	Digital: 58 shots		
Other records	Day book, photo registers, sketch plans		
Current archive location	Wessex Archaeology, Sheffield		
Long term archive location	Not yet known		
<b>Interpretation</b>			
No archaeological deposits identified.			
<b>Other information</b>			
Form completed by	GC	Date	14-06-11
Checked by	AB	Date	28-06-11
Additional documentation attached -			
1.	Annotated plan of monitored areas		
2.	Written scheme of investigation		



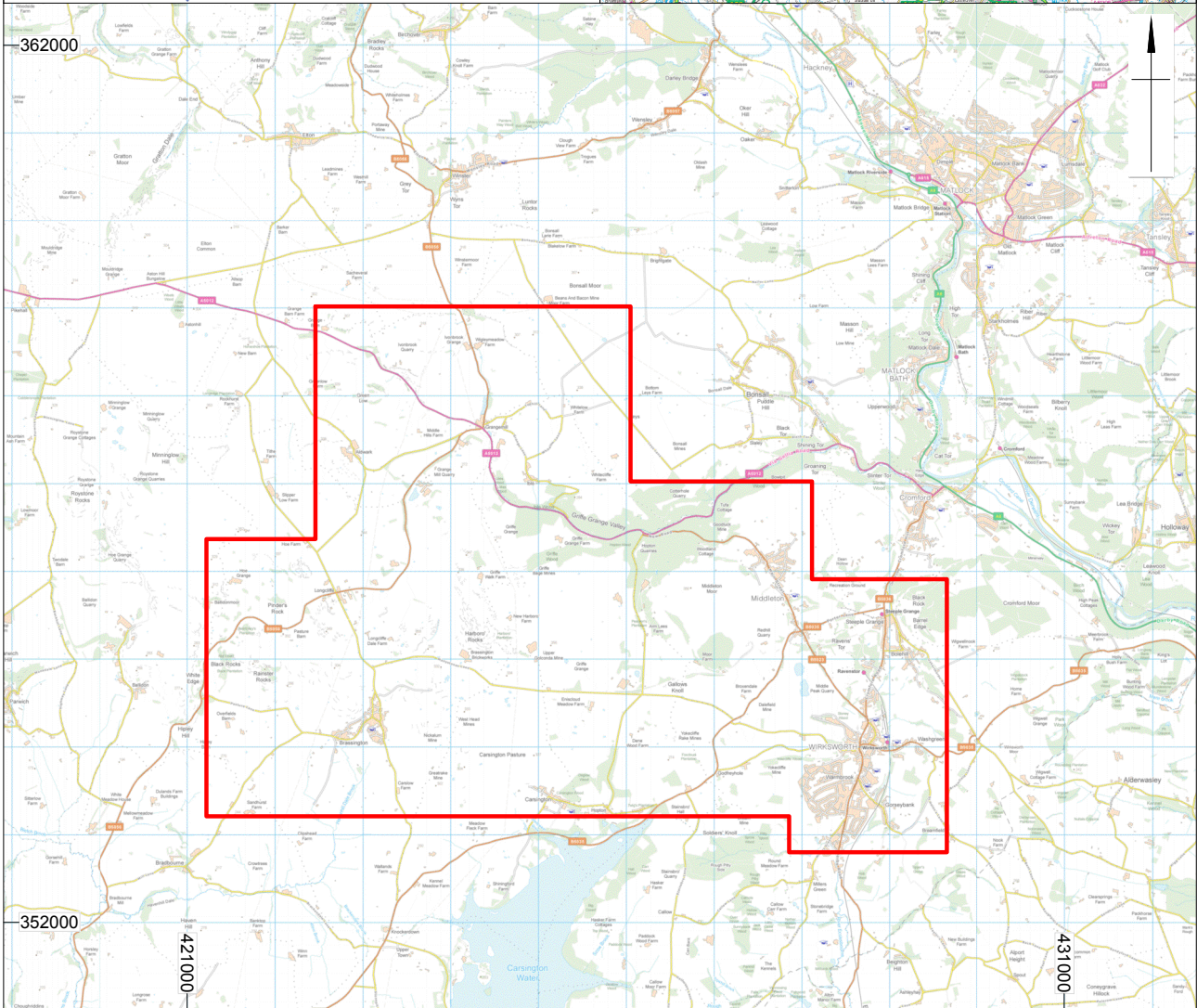
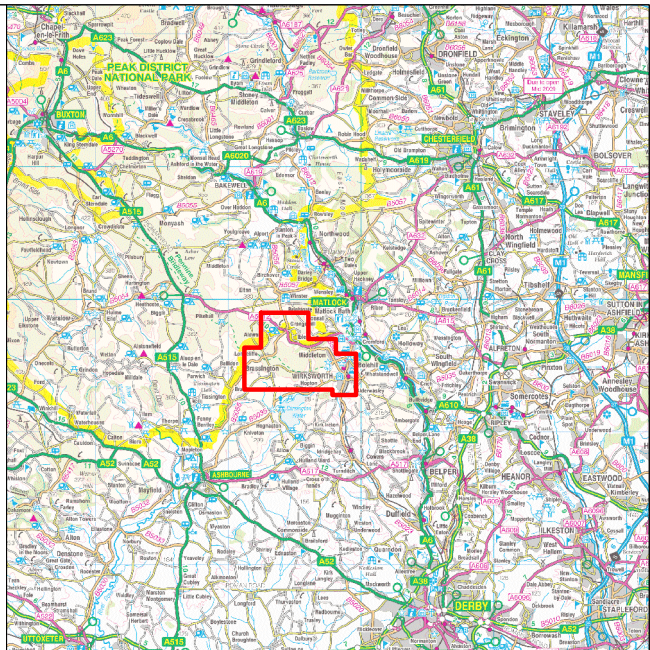
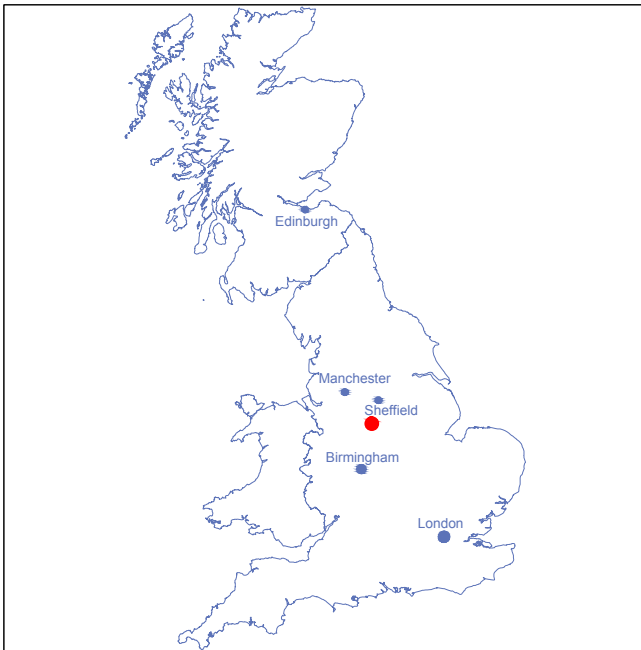



Plate 4.1 West facing section of pit north of Grangemill



Plate 4.2 East facing section of pit south of Grangemill





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Site location

Figure 1



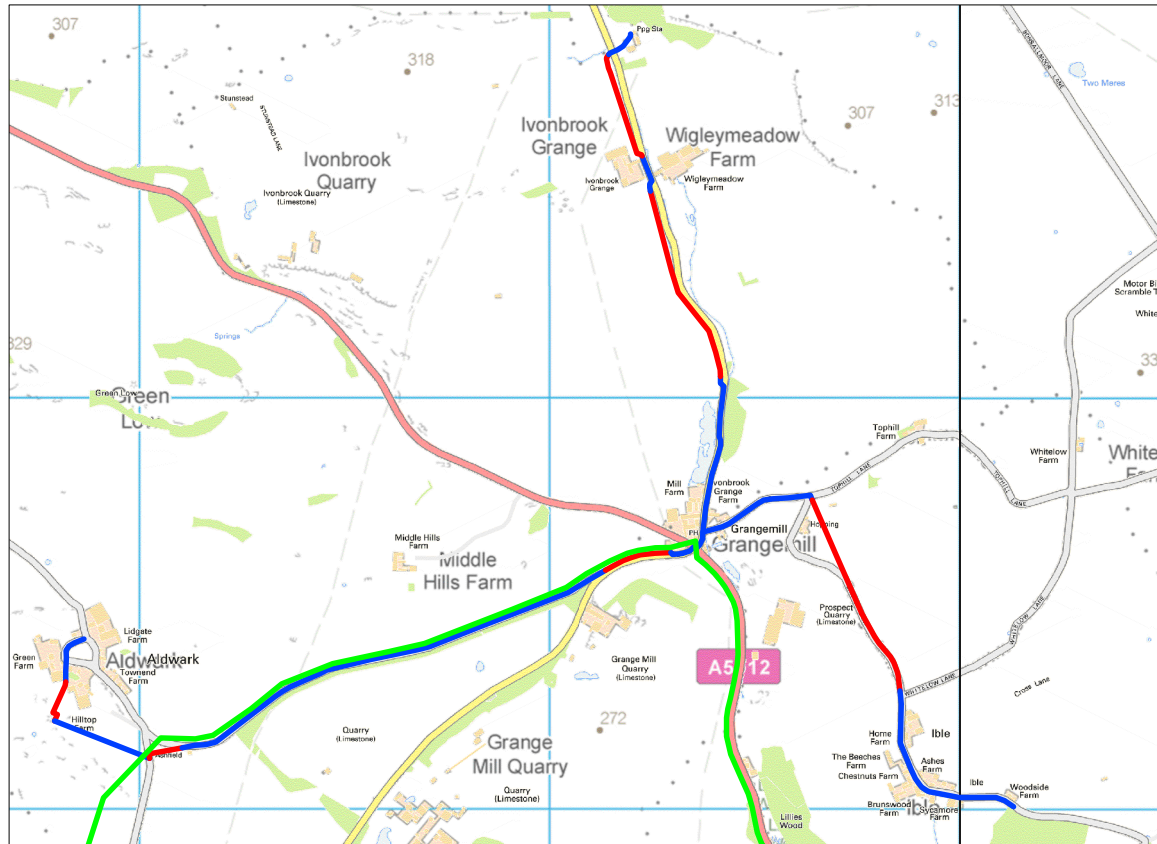


Fig 2a. Winster, Aldwark, and Ible via Grange Mill

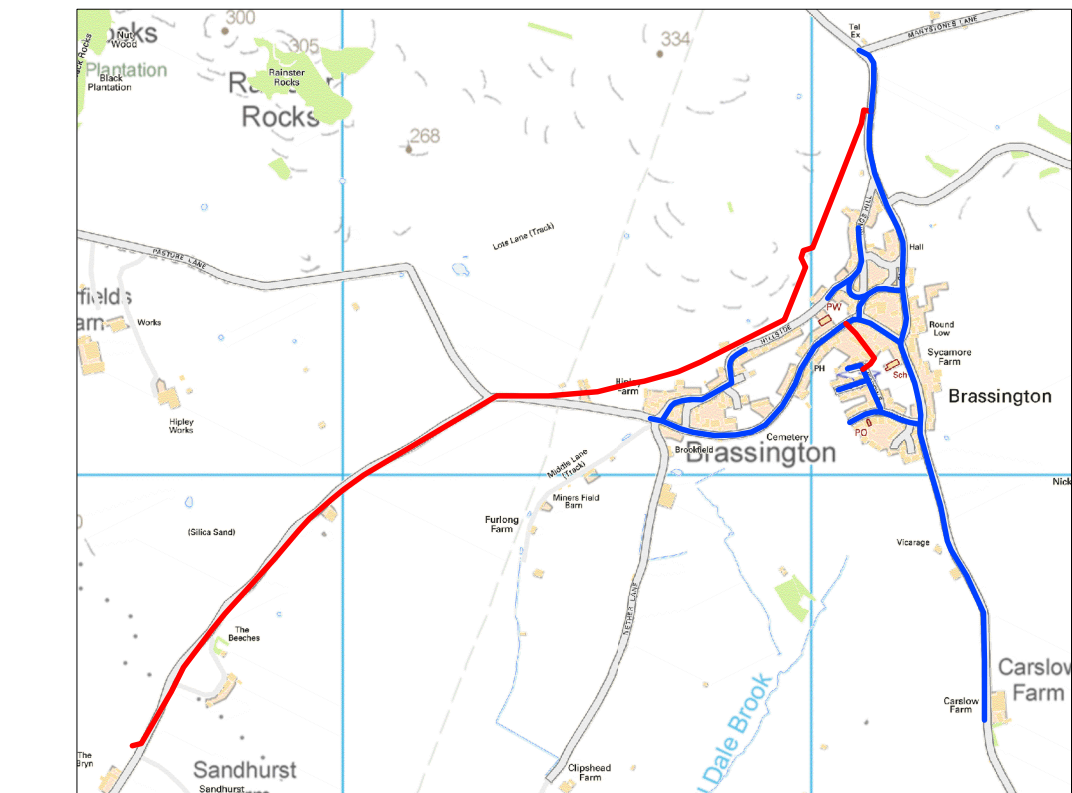


Fig 2b. Brassington to Mill Lane

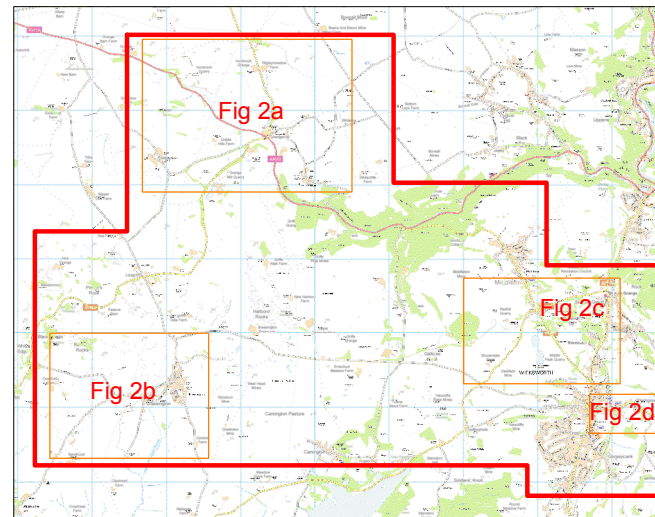


Fig 2c. Middleton

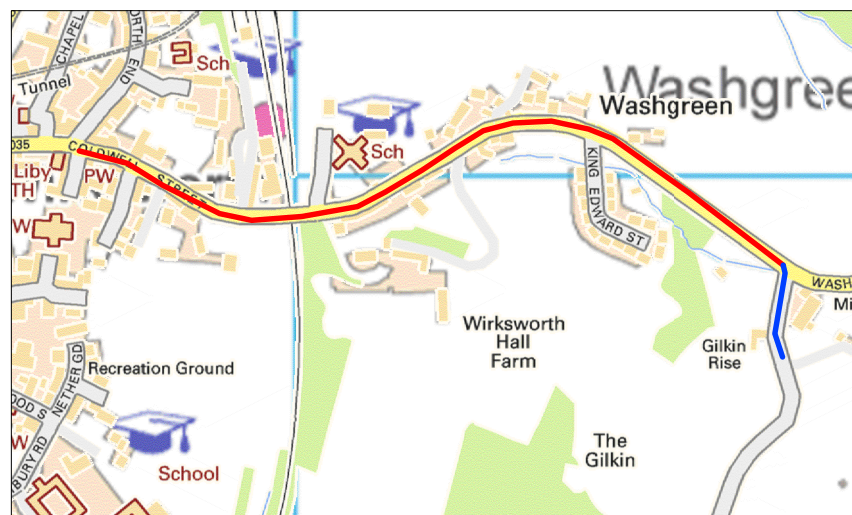
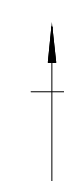


Fig 2d. Coldwell Street, Wirksworth

- Un-monitored Pipeline Route
- Monitored Section of Route
- Peak District / Derbyshire Boundary
- Cromford World Heritage Site



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Date:	Aug 2011
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**WESSEX ARCHAEOLOGY LIMITED.**

**Registered Head Office:** Portway House, Old Sarum Park, Salisbury, Wiltshire SP4 6EB.

Tel: 01722 326867 Fax: 01722 337562 [info@wessexarch.co.uk](mailto:info@wessexarch.co.uk)

Regional offices in **Edinburgh, Rochester and Sheffield**

For more information visit [www.wessexarch.co.uk](http://www.wessexarch.co.uk)

