



LCUK Cauldon Works, Staffordshire Proposed Extension to Limestone Quarry Phase 2

Archaeological Evaluation Report



**LCUK Cauldon Works, Staffordshire
Proposed Extension to Limestone Quarry
Phase 2**

Archaeological Evaluation Report

Prepared for
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**LCUK Cauldon Works, Staffordshire
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Summary

Wessex Archaeology was commissioned by Lafarge Cement UK to undertake a second phase of archaeological evaluation in the area of the proposed limestone quarry extension at Cauldon, Staffordshire. LCUK (centred on NGR 408800 348100, 'the Site'). The evaluation was undertaken in response to a condition attached to the planning permission for the development.

No archaeological features or finds were identified during the evaluation, suggesting that the archaeological potential of the Site is negligible. The fieldwork demonstrated that modern soil material had been deposited on top of the topsoil across the eastern half of the Site in recent decades, which LaFarge Cement confirmed subsequent to the investigation.

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Acknowledgements

The project was commissioned by Lafarge Cement UK through Dr Chris Down, and Wessex Archaeology is particularly grateful to Dr Down and Keith Rowland (Quarry Manager, Cauldon Works) in this regard. Thanks are also extended to Steve Dean, Principal Archaeologist, Staffordshire County Council, for his advice and assistance.

The fieldwork was directed in the field by Kevin Ritchie, aided by Barry Hennessy, Paul Armour, Owen Batchelor and Darren Baker.

This report was prepared by Brigitte Buss, with illustrations by Elizabeth James. The project was managed for Wessex Archaeology by Brigitte Buss.

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1 INTRODUCTION

1.1 Project background

1.1.1 Wessex Archaeology was commissioned by Lafarge Cement UK (LCUK) to undertake a second phase of archaeological evaluation of 8.6ha of land immediately south of existing limestone quarry works at Cauldon, Staffordshire and north of Rue Hill (centred on NGR 408800 348100, hereafter ‘the Site’, **Figure 1**). LCUK propose to expand their quarry works into the area of the Site, and the evaluation was undertaken in response to a condition attached to the planning permission for the development.

1.1.2 The fieldwork follows on from trial trenching undertaken by Wessex Archaeology in an area adjacent to the west in 2006 (Report document reference **63500.03**).

1.2 Site Description

1.2.1 Underlying solid geology comprises Carboniferous limestone. The topography of the Site suggests it to be situated along a coombe, falling off steeply from the southwest to the northeast towards a dry stone wall running along the base of the coombe, and rising again more gently beyond it to the east. Local ground-levels in the wider environs vary considerably; within the Site, surface elevations ranged from a maximum of approximately 310m above Ordnance Datum (aOD) to a minimum of approx. 300m aOD.

1.3 Archaeological and Historical Background

1.3.1 The archaeological setting of the Site has previously been discussed in an Archaeological Desk-based Assessment undertaken by Wessex Archaeology for all proposed quarry extensions (**WA doc ref 53946.01, Revision 1**). The study identified several localised scatters of worked flint to the south and southwest of the Study Area, with material ranging in date from Mesolithic through to the Bronze Age. Evidence of historic quarrying had also been identified from historic mapping in parts of the Study Area.

1.3.2 A first phase of evaluation was undertaken by Wessex Archaeology in the area of the proposed limestone extension to the west of the Site in 2006. The evaluation identified no archaeological features or finds. Based on these results, Steve Dean, Principal Archaeologist for Staffordshire County Council (hereafter referred to as ‘the Curator’) reduced the required sample

percentage for this second phase of work to 3% of the proposed impact area of 8.6ha.

2 METHODS

2.1 Aims and objectives

2.1.1 The fieldwork methods, aims and objectives of the evaluation were established in the Project Design (**WA doc ref 53946.02**), supplemented by an Addendum (**WA doc refs 63502.01**) and are not re-iterated in full here. In summary, the aims of this phase of evaluation were:

- To investigate the prehistoric potential of the proposed extension the limestone quarry
- To record the remains of previous industrial exploitation of the landscape within the proposed extension to the limestone quarry
- To give attention to remains of all periods, including palaeo-environmental indicators

2.2 Methodology

2.2.1 Twenty-nine trial trenches measuring 50m by 1.8m in plan were excavated. A trench layout was agreed prior to the commencement of fieldwork (**WA doc ref 63502.01**), however none were specifically targeted on known archaeological features or anomalies.

2.2.2 Six trenches (**Trenches Nos 1, 4, 5, 6, 11 & 14**) required limited shortening due to obstruction by an extant northwest-southeast aligned field boundary wall (see **Figure 2**) which traverses the Site.

2.2.3 Upon completion of excavation, trench edges and bases, and the positions of drawn plans and sections were recorded using GPS survey equipment, allowing these to be located accurately within the Ordnance Survey National Grid.

2.2.4 After inspection by the Curator, the trenches were backfilled by LCUK. No specialist re-instatement was required or undertaken.

2.3 Confidence rating

2.3.1 Despite some heavy rain during the fieldwork period, archaeological visibility was considered good, with a high degree of confidence regarding the observation of archaeological deposits. At the outset, the fieldwork was slightly hampered by the presence of livestock in the field which also caused damage to one trench (**Trench 13**) through trampling in such a way that it could not be recorded accurately (**Figure 3, Plate 1**). However, no archaeological deposits had been observed in this trench during machine excavation, and a lack of unstratified finds from the excavated spoil supported this assessment.

3 RESULTS

3.1 Introduction

3.1.1 Trench locations are indicated in **Figure 2**, and deposit data from all trenches is presented in the trench summary tables included in **Appendix 1**.

3.2 General deposit sequence

3.2.1 The Site was under pasture at the time of the investigation. All trenches were covered with a 0.2-0.3m deep modern topsoil. Beneath this, a thin layer of subsoil had developed in the majority of trenches.

3.2.2 Ten trenches (**Trench Nos 1, 3, 4, 5, 6, 7, 8, 9, 11 & 14**) revealed dump deposits (mostly of imported soils), some of considerable depth (**Figure 3, Plate 2**). The approximate area of the dumped material extrapolated from the results of the fieldwork is marked on **Figure 1**.

3.2.3 A number of the trenches containing dumped material featured a buried soil horizons on top of which the materials had been deposited (**Figure 3, Plate 3**). The nature of the deposits suggested them to be modern (with inclusions of very occasional modern artefacts which were not retained), and to have been laid down comparatively recently. Subsequent to the investigation, LaFarge confirmed that approximately 0.5m depth of topsoil had been spread across the area marked in green in **Figure 2** in around 1993/4. The material spread had also served to infill some existing hollows.

3.2.4 No archaeological features were observed in any of the trenches, and no archaeological finds were recovered, including from the excavated trench overburden.

4 FINDS

4.1.1 No finds were recovered from the trial trenches.

4.1.2 ENVIRONMENTAL SAMPLING

4.1.3 No features or deposits suitable for environmental sampling were identified.

5 CONCLUSIONS

5.1.1 The evaluation demonstrated that, despite good preservation conditions, no archaeological activity is likely to be present within the limits of the Site, confirming that its potential is negligible.

5.1.2 Most trenches in the eastern half of the Site showed evidence of a recent deposition of imported soils, which has subsequently been confirmed to date

from around 1993/4. These materials were demonstrably laid down on top of the existing topsoil at the time. This operation is likely to have caused negligible disturbance to any lower deposits, such as they may exist, on the Site.

6 REFERENCES

- Wessex Archaeology (2004a) *LCUK Cauldon Works, Staffordshire: Archaeological and Cultural Heritage Assessment*, **WA doc ref 53946.01**
- Wessex Archaeology (2004b) *LCUK Cauldon Works, Staffordshire: Proposed Extensions to Limestone and Shale Quarries: Project Design for Initial Archaeological Evaluation*, **WA doc ref 53946.02**
- Wessex Archaeology (2006a) *LCUK Cauldon Works, Staffordshire: Proposed Extensions to Limestone and Shale Quarries: Addendum to the Project Design for Initial Archaeological Evaluation – Limestone Quarry*, **WA doc ref 63500.02**
- Wessex Archaeology (2006b) *LCUK Cauldon Works, Staffordshire: Supplementary Documentation to Project Design for Initial Archaeological Evaluation*. **WA doc ref 63500.01**
- Wessex Archaeology (2006c) *LCUK Cauldon Works, Staffordshire: Proposed Extension to Limestone Quarry: Archaeological Evaluation Report*. **WA doc ref 63500.03**
- Wessex Archaeology (2007) *LCUK Cauldon Works, Staffordshire: Proposed Extensions to Limestone and Shale Quarries: Addendum to the Project Design for Initial Archaeological Evaluation Limestone Quarry Phase 2*, **WA doc ref 63502.01**

APPENDIX 1: Trench summary tables

TRENCH 1			
Max. Dimensions	Length: 48.6 m	Width: 2.1 m	Max. Depth: 1.05 m
Context	Description	Depth BGL	
100	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.77m+	
101	Subsoil 1 ; pale grey black silty clay, no inclusions, clear contact interface with (300) and (302), high level of bioturbation	0.68-0.77m	
102	Subsoil 2 ; mid greyish brown silty clay; 0.2% inclusions of limestone, some localised red mottling	0.5-0.68m	
103	Subsoil 3 ; dumped overburden; mid brown sandy silty clay; no visible inclusions, clear contact interface with (304), some areas diffuse with (302), a narrow band of reddish sandy clay forming at lower interface; high level of bioturbation	0.5-0.19m	
104	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter;	0-0.19m	

TRENCH 2			
Max. Dimensions	Length: 50.0 m	Width: 1.9 m	Max. Depth: 1.1 m
Context	Description	Depth BGL	
200	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.38m	
201	Modern Subsoil ; compact mid greyish brown silty clay; 0.2% inclusions of limestone, some localised red mottling	0.38-0.72m	
202	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.72-1.1m+	

TRENCH 3			
Max. Dimensions	Length: 50 m	Width: 2 m	Max. Depth: 1.1 m
Context	Description	Depth BGL	
300	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.75m+	
301	Subsoil 1 ; weathered natural; pale yellow sandy clay, somewhat diffuse contact interface with natural 300, and mixed bioturbated contact with	0.54-0.75m	

	both (302) and (303). No visible inclusions.	
302	Iron panning between (301) and (303). Very sandy orangey clay. No inclusions.	0.52-0.54m
303	Subsoil 2 ; pale greyish brown silty clay. 0.2 % visible inclusions of average diameter of 0.02m. Some limestone pieces; occasional flecks of charcoal. Heavily bioturbated.	0.22-0.52m
304	Subsoil 3 ; old turf line; mid orangey brown silty clay band, clear interface with (303) and (304)	0.2-0.22m
305	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.2m
TRENCH 4		
Max. Dimensions	Length: 34.5 m	Width: 1.1 m
		Max. Depth: 1.1 m
Context	Description	Depth BGL
400	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.35m+
401	Modern Subsoil ; compact mid greyish brown silty clay; 0.2% inclusions of limestone, some localised red mottling; dips down to 0.6m BGL in places	0.19-0.35m
402	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.19m

TRENCH 5		
Max. Dimensions	Length: 40 m	Width: 2.09 m
		Max. Depth: 0.7 m
Context	Description	Depth BGL
500	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.23m
501	Modern Subsoil ; compact mid greyish brown silty clay; 0.2% inclusions of limestone, some localised red mottling; dips down to 0.6m BGL in places	0.23-0.45m
502	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.45m+
503	Cut of modern quarry pit/rut, cuts 502	1.4 x 0.5 x 0.85m
504	Fill of 503	0.85m
505	Dump/levelling deposit , over 503, below 501	0.23m

TRENCH 6		
Max. Dimensions	Length: 41 m	Width: 1.9 m
		Max. Depth: 1.2 m
Context	Description	Depth BGL
600	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.12m
601	Modern Subsoil ; compact mid greyish brown	0.12-0.43m

	silty clay; 0.2% inclusions of limestone, some localised red mottling; dips down to 0.6m BGL in places	
602	Modern Subsoil ; orangey-greyish brown silty clay, mottled, laminated with thin layers of iron-panned sand. No inclusions. Diffuse interface with 603.	0.43-0.9m
603	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.9-1.1m+

TRENCH 7			
Max. Dimensions	Length: 48 m	Width: 1.9 m	Max. Depth: 1.2 m
Context	Description	Depth BGL	
700	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.45m	
701	Buried Topsoil ; friable, dark brownish-black clayey silt; sharp interface; no inclusions	0.45-0.7m	
702	Subsoil ; friable, light brown silty clay; very sparse inclusions; clear interfaces	0.7-1.0	
703	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	1.0-1.1m+	

TRENCH 8			
Max. Dimensions	Length: 47 m	Width: 1.9 m	Max. Depth: 1.54 m
Context	Description	Depth BGL	
800	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.39m	
801	Buried Topsoil ; friable, dark brownish-black clayey silt; sharp interface; no inclusions	0.39-0.64m	
802	Subsoil ; friable, light brown silty clay; very sparse inclusions; clear interfaces	0.64-1.06m	
803	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	1.06-1.54m+	

TRENCH 9			
Max. Dimensions	Length: 52.1 m	Width: 2.70 m	Max. Depth: 0.61 m
Context	Description	Depth BGL	
900	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.21m	
901	Subsoil 2 ; friable, mid-dark greyish brown silty clay; clear interfaces; very rare inclusions; high level of bioturbation	0.21-0.38m	

902	Redeposited Natural; reddish-brown sandy clay with occasional limestone inclusions; follows slope uphill	0.38-0.55m
903	Buried Topsoil ; friable, dark brownish-black clayey silt; sharp interface; no inclusions	0.55-0.81m
904	Subsoil 1 ; pale reddish-brown silty clay; very rare inclusions, some bioturbation with 303; weathered natural	0.81-1.35m
905	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	1.35+

TRENCH 10			
Max. Dimensions	Length: 50 m	Width: 2 m	Max. Depth: 1.7 m
Context	Description	Depth BGL	
1000	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.26m	
1001	Modern Subsoil ; compact mid greyish brown silty clay; 0.2% inclusions of limestone, some localised red mottling; dips down to 0.6m BGL in places	0.26-0.38m	
1002	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.38-0.9m	

TRENCH 11			
Max. Dimensions	Length: 34 m	Width: 1.9 m	Max. Depth: 1.35 m
Context	Description	Depth BGL	
1100	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.55m	
1101	Modern Subsoil ; compact mid greyish brown silty clay; 0.2% inclusions of limestone, some localised red mottling	0.55-0.87m	
1102	Modern Subsoil ; orangey-greyish brown silty clay, mottled, rare inclusions; weathered natural; contains modern plastic pipe at 0.6m BGL	0.87-1.1m	
1103	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	1.1m+	

TRENCH 12			
Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 1.22 m
Context	Description	Depth BGL	
1200	Active topsoil ; friable pale greyish brown silty clay; under pasture, 0.2% inclusions of limestone of 0.01m diameter	0-0.28m	

1201	Modern Subsoil ; compact mid greyish brown silty clay; 0.2% inclusions of limestone, some localised red mottling	0.28-0.59m
1202	Modern Subsoil ; orangey-greyish brown silty clay, mottled, rare inclusions; weathered natural; contains modern plastic pipe at 0.6m BGL	0.59-0.76m
1203	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.76-1.17m+

TRENCH 13			
Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.6 m
Context	Description	Depth BGL	
1300	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.3m	
1301	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.3-0.6m	
1302	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.6m+	
This trench was trampled by livestock overnight and could not be recorded in detail. No archaeology was observed in the trench during machining. The information given here is approximate.			

TRENCH 14			
Max. Dimensions	Length: 40 m	Width: 1.9 m	Max. Depth: 1.03 m
Context	Description	Depth BGL	
1400	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.2m	
1401	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.2-0.78m	
1402	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.78-0.89m+	

TRENCH 15			
Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.75 m
Context	Description	Depth BGL	
1500	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.32m	
1501	Subsoil : Variable mid-light yellowish to orange-	0.32-0.75m	

	brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	
1502	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.75m+

TRENCH 16			
Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.75 m
Context	Description	Depth BGL	
1600	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.22m	
1601	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.22-0.55m	
1602	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.55m+	

TRENCH 17			
Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.75 m
Context	Description	Depth BGL	
1700	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.23m	
1701	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.23-0.75m	
1702	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.75m+	

TRENCH 18			
Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.75 m
Context	Description	Depth BGL	
1800	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.32m	
1801	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.32-0.9m	
1802	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed	0.9m+	

	inclusions. Localised occurrence of rare limestone rubble	
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TRENCH 19

Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.92 m
Context	Description		Depth BGL
1900	Topsoil: Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.		0-0.35m
1901	Subsoil: Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.		0.355-0.48m
1902	Modern Subsoil; orangey-greyish brown silty clay, mottled, rare inclusions		0.48-0.87m
1903	Natural; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble		0.87m+

TRENCH 20

Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.65 m
Context	Description		Depth BGL
2000	Topsoil: Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.		0-0.28m
2001	Subsoil: Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.		0.28-0.63m
2002	Natural; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble		0.63m+

TRENCH 21

Max. Dimensions	Length: 50 m	Width: 1.9 m	Max. Depth: 0.75 m
Context	Description		Depth BGL
2100	Topsoil: Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.		0-0.32m
2101	Subsoil: Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.		0.32-0.75m
2102	Natural; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble		0.75m+

TRENCH 22

Max. Dimensions			Length: 50 m	Width: 1.9 m	Max. Depth: 0.85 m
Context	Description			Depth BGL	
2200	Topsoil: Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.			0-0.32m	
2201	Subsoil: Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.			0.32-0.7m	
2202	Natural; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble			0.7-0.83m+	

TRENCH 23					
Max. Dimensions			Length: 50 m	Width: 1.9 m	Max. Depth: 1.12 m
Context	Description			Depth BGL	
2300	Topsoil: Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.			0-0.32m	
2301	Subsoil: Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.			0.32-0.85m	
2302	Natural; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble			0.85-1.06m+	

TRENCH 24					
Max. Dimensions			Length: 50 m	Width: 1.9 m	Max. Depth: 0.8 m
Context	Description			Depth BGL	
2400	Topsoil: Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.			0-0.15m	
2401	Subsoil: Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.			0.15-0.35m	
2401	Natural; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble			0.35m+	

TRENCH 25					
Max. Dimensions			Length: 50 m	Width: 1.9 m	Max. Depth: 1.06 m
Context	Description			Depth BGL	
2500	Topsoil: Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.			0-0.28m	
2501	Subsoil: Variable mid-light yellowish to orange-			0.28-0.52m	

	brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	
2502	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.52m+

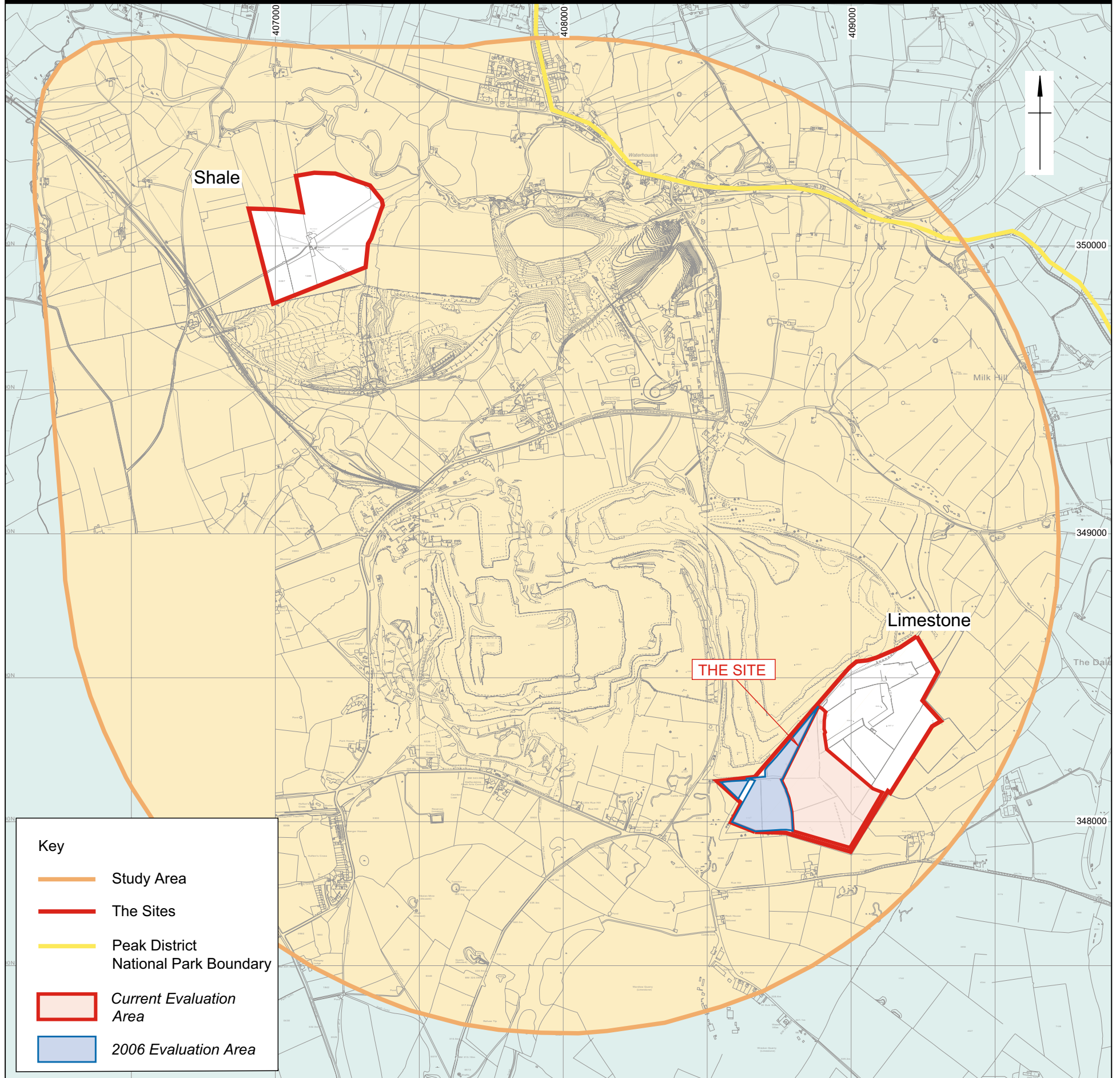
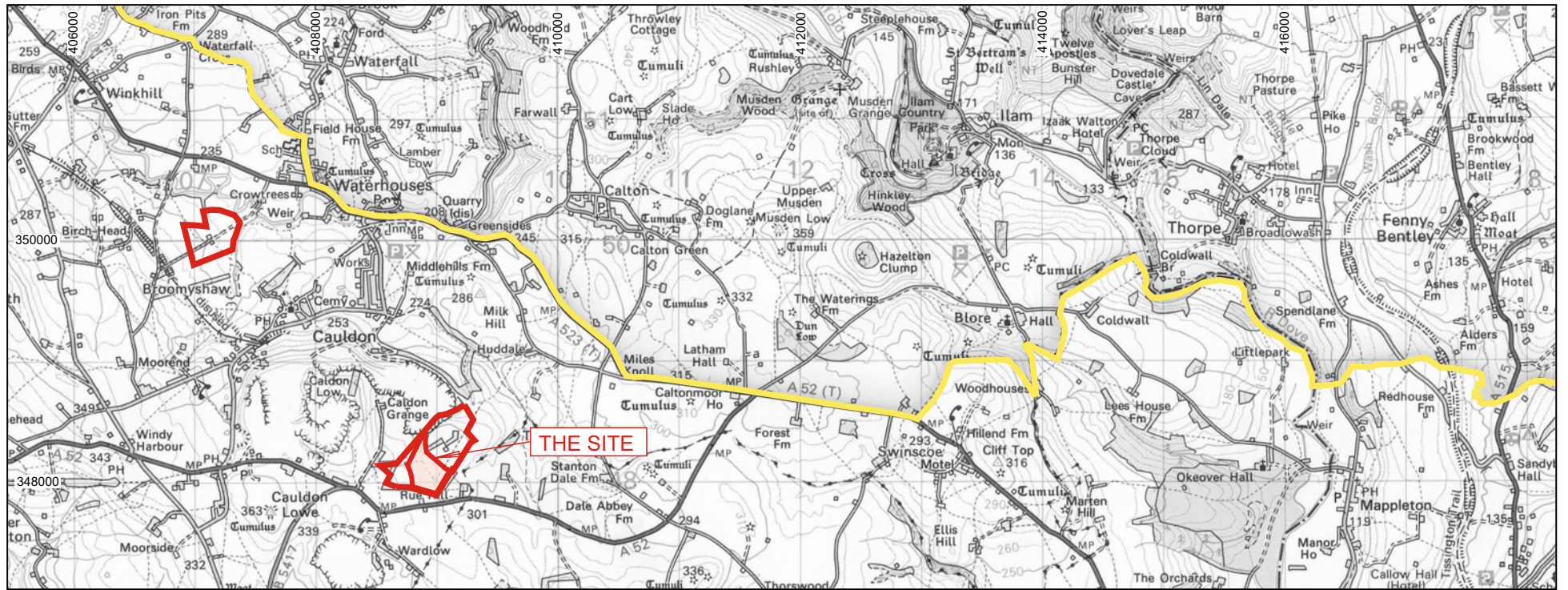
TRENCH 26		
Max. Dimensions	Length: 50 m	Width: 1.9 m
Context	Description	Depth BGL
2600	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.27m
2601	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.27-0.29m
2602	Modern Subsoil ; orangey-greyish brown silty clay, mottled, rare inclusions	0.29-0.45
2603	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.45-0.6m+

TRENCH 27		
Max. Dimensions	Length: 50 m	Width: 1.9 m
Context	Description	Depth BGL
2700	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.41m+
2701	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.2-0.41m
2702	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.2m

TRENCH 28		
Max. Dimensions	Length: 50 m	Width: 1.9 m
Context	Description	Depth BGL
2800	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.28m
2801	Subsoil : Variable mid-light yellowish to orange-brown clayish silt, usually stone-free but with rare-occasional limestone fragments.	0.28-0.74m
2802	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron	0.74-1.17m+

	panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	
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TRENCH 29		
Max. Dimensions	Length: 50 m	Width: 1.9 m
Context	Description	Depth BGL
2900	Natural ; orange with mottled pink hue; sandy clay with bright orange veins of sand with iron panning and manganese forming. 0.1% observed inclusions. Localised occurrence of rare limestone rubble	0.8m+
2901	Subsoil 1 ; mottled pinkish orange sandy clay; 0.1% inclusions; diffuse interface with natural	0.54-0.8m
2902	Iron panning lens forming at lower interface of 2901	0.52-0.54m
2903	Layer ; pale white greyish silty clay; no inclusions; dumped quarry material	0.43-0.52m
2904	Layer ; blackish silty clay; in contour follows 2903 and is likely to be part of same dumped deposit	0.4-0.43m
2905	Subsoil ; pinkish brown silty clay, redeposited subsoil	0.12-0.4m
2906	Topsoil : Mid-greyish brown slightly clayish silt, generally stone-free but with rare-occasional limestone fragments.	0-0.12m



Key

- Study Area
- The Sites
- Peak District National Park Boundary
- Current Evaluation Area
- 2006 Evaluation Area



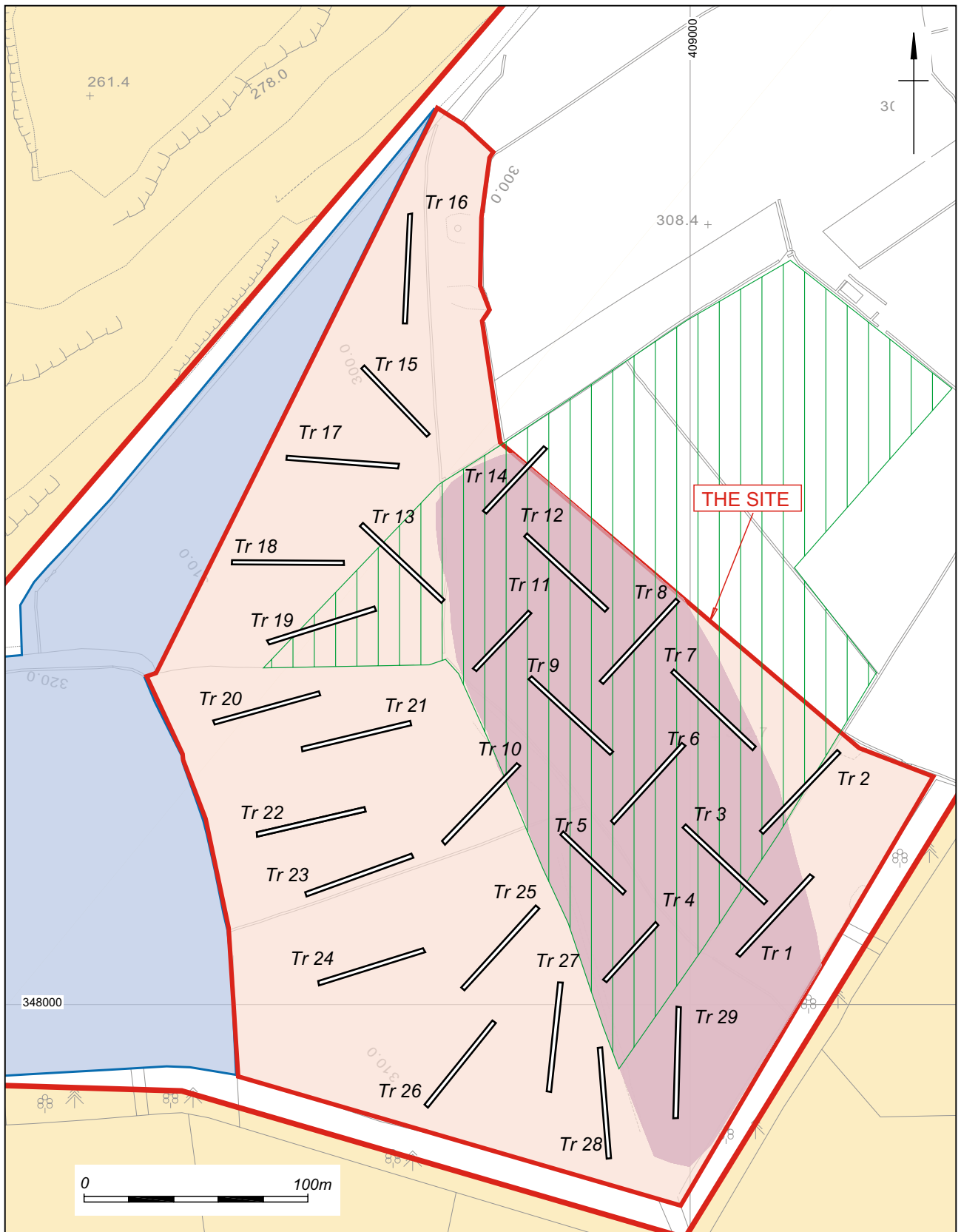
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Date:	15/08/07	Revision Number:	1
Scale:	1:50,000 & 1:15,000	Illustrator:	MR/MCL/KJB/SEJ
Path:	Y:\projects\63502\Drawing Office\...\Eval07_08_15\Sitebase.dwg		



Site location map

Figure 1



Current Evaluation Area	Digital data supplied by client reproduced from Ordnance Survey data © Crown Copyright (2006) All rights reserved. Licence Number:AL 100017605. This material is for client report only © Wessex Archaeology. No unauthorised reproduction.		
2006 Evaluation Area			
Extent of modern material dump recorded by WA	Scale: 1:2500	Illustrator: SEJ	
Extent of topsoil dump recorded by LaFarge	Path: Y:\projects\63502\Drawing Office\...\Eval07_08_15\Sitebase.dwg		
Wessex Archaeology			

Trench location and extent of modern dumped material

Figure 2



Plate 1: Trample damage from livestock, Trench 13



Plate 2: Trench 9, showing depth of imported material



Plate 3: Representative section, Trench 9, showing buried modern soil horizon



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