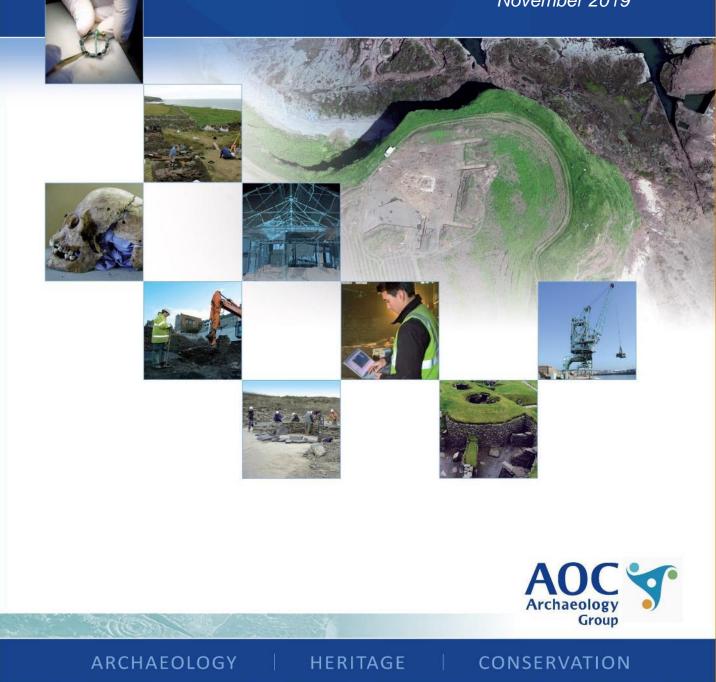
Quarry Extension on Land at Loak Farm, Bankfoot, Perth & Kinross Phase 2a, Strip, Map and Record Data Structure Report

> AOC 70440 November 2019



Quarry Extension on Land at Loak Farm, Bankfoot, Perth & Kinross

Phase 2a, Strip, Map and Record

Data Structure Report

On Behalf of:
National Grid Reference (NGR):
AOC Project No:
Prepared by:
Illustrations by:
Date of Fieldwork:
Date of Report:
OASIS No.:

Breedon Northern Ltd NO 07409 33049 70440 Katie Walker Lindsey Stirling 01/10/2019 – 31/10/2019 8th November 2019 aocarcha1-373466

This document has been prepared in accordance with AOC standard operating procedures.

Authors: Katie WalkerDate: 08/11/2019Approved by: Cathy MacIverDate: 02/12/2019Report Stage: FinalDate: 02/12/2019

Enquiries to:	The Old	chaeology Group Estate Office Igh Estate
	Mob. Tel. E-mail	07972 259255 01463 819841 inverness@aocarchaeology.com



www.aocarchaeology.com

Contents

		Page
List o	of Figures	
List o	of Plates	
List o	of Appendices	
Abstr	ract	5
1.0	Introduction	6
2.0	Project Background	6
3.0	Objectives	7
4.0	Methodology	7
5.0	Results	
6.0	Conclusions and Recommendations	
7.0	References	

List of Figures

Figure 1:	Site location plan
Figure 2:	Plan of the development site showing the stripped area and location of archaeology
Figure 3:	Plan of the archaeological features
Figure 4:	Section drawings of archaeological features

List of Plates

- Plate 2: Plan view of [020]
- Plate 3: Plan view of [014]
- Plate 4: Section of [022]
- Plate 5: Section of [004]
- Plate 6: Section of [006]
- Plate 7: Section of [008] and [010]
- Plate 8: Plan view of [016] and [018]
- Plate 9: Plan view of [025]

List of Appendices

- Appendix 1: Context register
- Appendix 2: Photo register
- Appendix 3: Drawing register
- Appendix 4: Sample register
- Appendix 5: Finds register

Abstract

This report details the findings of Phase 2a of a strip, map and record project carried out during topsoil stripping works on land at Loak Farm, Bankfoot, Perth & Kinross, in advance of the formation of a borrow pit and installation of associated plant and infrastructure (Planning ref: 18/00395/MWM).

An area measuring approximately 275m by 150m was stripped, reaching a maximum depth of 0.5m. Across the area was topsoil over natural subsoil, with a thin subsoil across the majority of the area. Eleven potential negative features were uncovered including two pairs of intercutting pits, two small possible postholes and a large pit containing medieval red ware pottery and a possible quern stone fragment.

1.0 Introduction

- 1.1 An archaeological strip, map and record was required by Breedon Northern Ltd in advance of the formation of a borrow pit and installation of associated plant and infrastructure on land at Loak Farm, Bankfoot, Perth & Kinross (Planning ref: 18/00395/MWM). The requirement for this arose as the site is in an area with potential for the survival of buried archaeological deposits.
- 1.2 The site lies within the administrative area of Perth and Kinross Council, which is advised on archaeological matters by Perth and Kinross Heritage Trust (2019). The requirement of the archaeological strip, map and record was specified in keeping with the policies outlined in Scottish Planning Policy (2014) and Planning Advice Note (PAN) 2/2011 Planning and Archaeology (2011) in order to record the extent and significance of any archaeological remains which may be present within the development area.
- 1.3 Phase 2a of the archaeological monitoring was carried out between the 1st and the 31st of October 2019. One area measuring approximately 275m x 150m was stripped to the natural deposit, to depths of 0.2-0.5m. Eleven potential negative features were uncovered, as well as a small assemblage of pottery and one potential quern stone fragment.

2.0 Project Background

- 2.1 The development area is located on farmland at Loak Farm, Bankfoot, Perth & Kinross (Figure 1). The site is situated to the immediate west of the A9, 2km south of Bankfoot and 3km north of Luncarty.
- 2.2 The proposed development is located in an area where significant archaeological sites are known to exist. A comprehensive desk-based assessment was carried out by CgMs Heritage as part of the Cultural Heritage Appraisal (Connolly 2018) in advance of the works, a summary of which follows.
- 2.3 The development is within an area in which extensive prehistoric archaeology has been recorded previously. This includes two scheduled monuments, Loak standing stone (SM1562) and Court Hill barrow (SM1564). Numerous sites were also identified from cropmarks, most of which have not been verified through excavation until Phase 1. Within the site boundary to the north of the batching plant, cropmarks were identified which indicate the presence of a pit alignment (239560), comprising at least seven pits. To the south of the access track were two further pit alignments that appear to form a funnel, but these do not extend into the site. To their north, immediately outside the site boundary, is another group of pits (27032). These may extend into the site, but variations in geology have caused their extents to be unclear in the aerial photographs. The pit alignments have not been dated but are assumed to be of Prehistoric date, although they could be later in date.
- 2.4 This work followed on from an initial phase of work (Phase 1) carried out across the northern section of the site by CGMS and CFA Archaeology on behalf of Breedon Northern Ltd in May 2019. The previous strip, map and record work revealed numerous archaeological features of archaeological significance including several roundhouse and enclosure structures and various negative cut features.

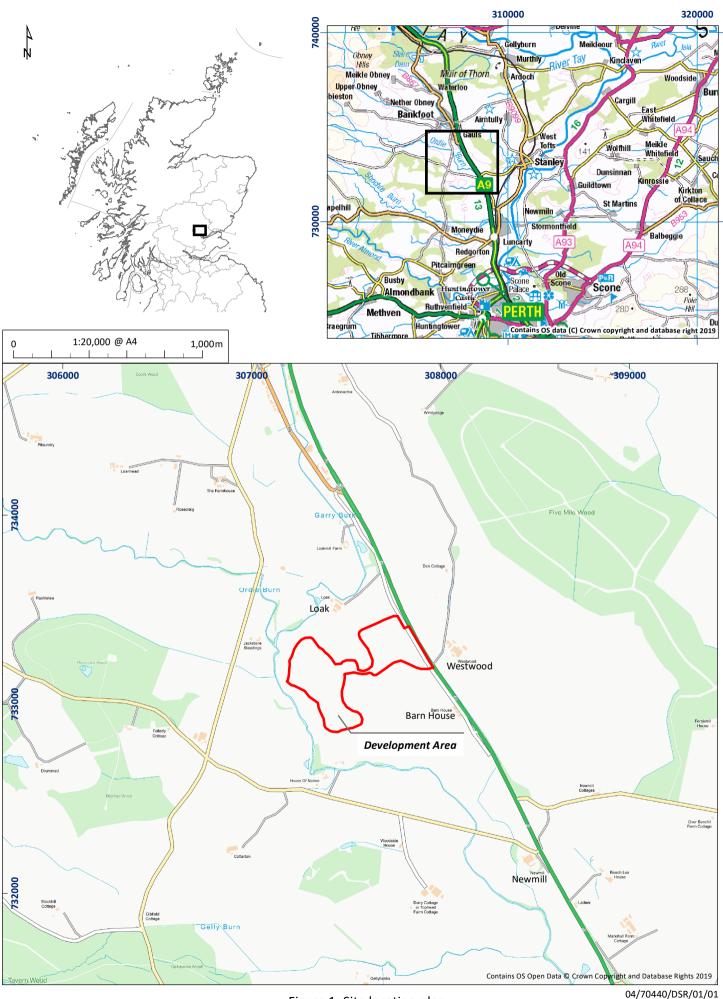


Figure 1: Site location plan

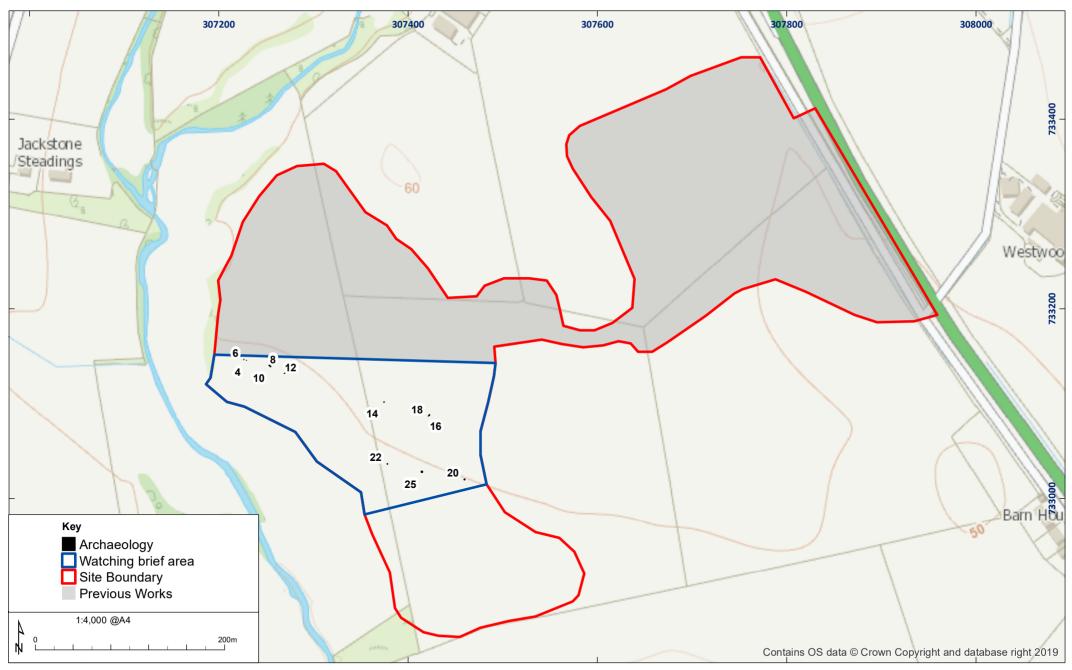


Figure 2: Plan of the development site showing the watching brief area and location of archaeology

04/70440/WSI/02/01

AOC70440: Quarry Extension on land at Loak Farm, Bankfoot, Perth & Kinross, Archaeological Watching Brief Data Structure Report



3.0 Objectives

- 3.1 The aims of the archaeological works were:
 - i. Prevent accidental damage to archaeological assets outwith the development site.
 - ii. To establish the presence or absence of archaeological remains within the proposed development area prior to the destruction of any significant material by stripping the topsoil from the site
 - iii. To remove by hand any remaining overburden in order to expose the archaeological deposits and mark them (using pin flags or similar)
 - iv. To map and record location of archaeological features
 - v. To excavate, sample and record any features or to propose arrangements for their safeguarding, where possible
 - vi. To sample deposits for post-excavation work, including environmental analysis and dating
- vii. To make recommendations for further measures necessary to mitigate the impact of the development
- viii. To make recommendations for post-excavation work

4.0 Methodology

4.1 An archaeological strip, map and record was required with monitoring during all topsoil stripping across the development area. The archaeologist directed topsoil stripping by a mechanical excavator fitted with a straight edged bucket in order to establish the presence or absence of archaeological remains. The archaeological monitoring was recorded using written records and high resolution digital photography in order to record the process as well as any archaeological features or finds of interest. All work was carried out in accordance with the Archaeological Planning Advice (Perth and Kinross Council 2019), Scottish Planning Policy (2014) and PAN 2/2011 Planning and Archaeology (2011), and in keeping with the methodology set out in the Written Scheme of Investigation (MacIver 2019).

5.0 Results

- 5.1 Eleven features were identified, all of which were negative features. Two of these features seemed to be isolated pits with a single fill. Of these, [012] had a regularity to its shape that suggested a modern date (Plate 1). This feature measured 0.8m in diameter and 0.2m in depth. [020] was slightly more substantial, measuring 1.1m in diameter and 0.5m in depth (Plate 2, DWG 6 on Figure 1). Neither feature contained any artefacts.
- 5.2 Two other features also seemed to be isolated negative features, however contained large amounts of charcoal. [014] was an oval measuring 1m x 0.9m, with a depth of 0.2m (Plate 3; DWG 4 of Figure 4), and [022] was circular, with a diameter of 0.75m and a depth of 0.08m

(Plate 4; DWG 7 on Figure 4). This was the only feature with an upper and lower fill, both of which appeared to consist of burned material. Neither feature contained any artefacts.

- 5.3 [004] (Plate 5; DWG 1 on Figure 4) and [006] (Plate 6; DWG 2 on Figure 4) were two small features in the north-western corner of the development area. They were located 2m apart and appeared to have the shape of postholes. They each measured 0.4m in diameter, with [004] having a depth of 0.25m and [006] having a depth of 0.15m. These may have been postholes, but due to their size and the geology of the area, it is also very possible that these are natural stone holes. Neither feature contained any artefacts.
- 5.4 There were also two pairs of intercutting pits, both of which did not seem to be related to any other features within the Phase 2a area. [008] and [010] had identical fills, and it was therefore impossible to see any stratigraphic relationship. Both pits were roughly oval but slightly amorphous, and so it is possible that this is more than two intercutting pits. The overall alignment of the pair ran NW-SE. [008] measured 1.6m x 1.1m and was 0.4m deep, and [010] measured 1.2m x 0.85m and was 0.25m deep (Plate 7; DWG 3 on Figure 4).
- 5.5 The other pair of intercutting pits, [016] and [018], was similar in shape and size, however there was a difference in fills, allowing for some understanding of a stratigraphic relationship. (017), the fill of [016], comprised several lenses of burning material, formed of charcoal, grey ash, and pink ash. This pit measured 1.2m x 0.9m and had a depth of 0.35m. It would have originally been longer than 1.2m, but was truncated by [018]. (019), the fill of [018], was mainly a loamy soil, with only a small number of charcoal inclusions. Pit [018] cut that of [016], meaning that [018] was cut after [016] had been cut and filled. This pit measured 1.2m x 0.7m and had a depth of 0.3m. The overall alignment of the pair ran NE SW (Plate 8; DWG 5 on Figure 4). Neither of the pairs of pits contained any artefacts.
- 5.6 Pit [025] was the largest of all eleven potential features, measuring 1.5m in diameter and 1.2m in depth (Plate 9; DWG 8 on Figure 4). It was also the only pit to contain any artefacts. These consisted of a potential fragment of a rotary quern (SF1), and sherds of pottery (SF2), including an almost intact jug rim, with part of the handle attached (SF3). All of the pottery found has been provisionally identified as green-glazed redware, which would place the pit in the medieval period, although this will have to be clarified as part of the post-excavation analysis. This is distinct from the primarily prehistoric pottery identified in Phase 1.
- 5.7 The majority of the pits identified during Phase 2a tended to be fairly small and shallow suggesting that they had been heavily truncated which is similar to the concentration of features identified during Phase 1 to the north (Kirby 2019). Pit 960 was described as 'roughly key-hole shaped in plan measuring 2.1m north-west to south-east by 1.1m south-west to north-east by 0.24m deep located to the south of Structure 8. The fill contained charcoal and fire cracked stones and it had a rounded shallow bowl at the north-western end and a steeper sided channel (possible flue) to the south-eastern end suggesting that it may have been a kiln (ibid). This concentration of features with evidence of in-situ burning (including a possible kiln) may indicate that this was an area designated for industrial activities.' In Phase 2a features [008]+[010] and features [016]+[018] were identified and appear to have comparable features to pit 960 identified in Phase 1. They may represent more peripheral industrial activity to the focussed activity and settlement identified to the north.

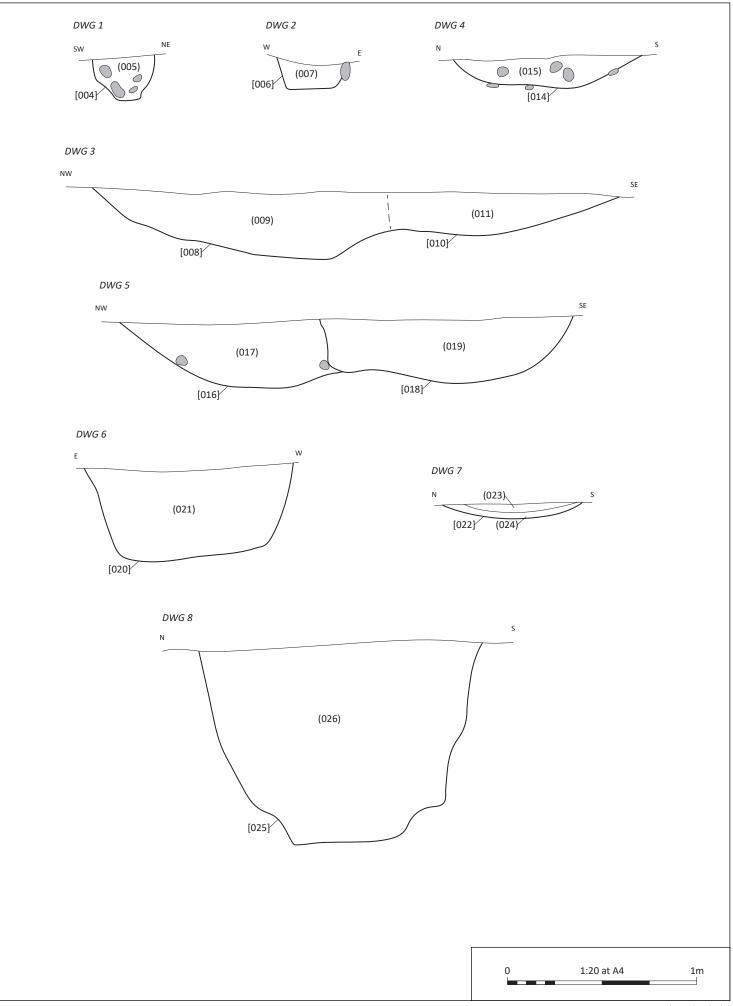


Figure 4: Section drawings of archaeological features



Plate 1: Section of [012]





Plate 3: Plan view of [014]



Plate 4: Section of [022]



Plate 5: Section of [004]



Plate 6: Section of [006]

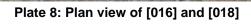




Plate 7: Section of [008] and [010]





Plate 9: Plan view of [025]

6.0 Conclusions and Recommendations

- 6.1 The monitoring has successfully identified some isolated archaeological features, including a probable medieval rubbish pit and ten other negative features. The outlying features, while undated, could relate to known prehistoric archaeology in the area, or the provisionally dated medieval feature. Features identified to the north in an earlier phase of works undertaken by CFA Archaeology indicated a concentration of features and activitites related to prehistoric settlement including roundhouses, post-defined structures and a possible kiln. Some of features identified in this phase of works could relate to this activity, particularly the intercutting pairs of pits which are similar to the feature identified as a kiln in Phase 1.
- 6.2 The monitoring on this phase of groundworks is complete. Further post-excavation work will be required, this will require confirmation by Perth and Kinross Heritage Trust. Further groundbreaking may take place to the south (Phase 2b) depending on requirement. This is provisionally scheduled for summer 2020 if it goes ahead.

7.0 References

Chartered Institute for Archaeologists (CIfA). 2014a. Standard and guidance for an archaeological watching brief.

Chartered Institute for Archaeologists (CIfA). 2014b. Code of Conduct.

Conolly, R. J. 2018. *Cultural Heritage Appraisal: Loak Farm Borrow Pit, Bankfoot, Perth & Kinross*. Unpublished CgMs client report.

Conolly, R. J. 2019. Archaeological Written Scheme of Investigation: Land at Bankfoot, Perth & Kinross. Unpublished CgMs client report.

Kirby, M. 2019 Land at Loak Farm, Bankfoot, Perth & Kinross Monitored Topsoil Strip and Excavation. Report No. 3873. Unpublished CFA Archaeology Data Structure Report.

Maclver, C. 2019 Land at Loak Farm, Bankfoot, Strip, Map and Record Written Scheme of Investigation. Unpublished AOC Archaeology report.

Perth and Kinross Council. 2019. Archaeological Planning Advice.

Scottish Government. 2011. Planning Advice Note (PAN) 2/2011 Planning and Archaeology.

Scottish Government. 2014. Scottish Planning Policy.

Appendix 1 List of Contexts

Context	Description
(001)	Topsoil
	Dark blackish brown
	Loamy soil
	Fairly frequent pebble inclusions
(002)	Subsoil
	Mid orangey brown
	Gravely soil
(003)	Natural
	Mid browney orange
	Sandy gravel
[004]	Cut for potential negative feature
	Breaks of slope fairly sharp at top and fairly gradual at base
	Sides steep
	Base concave
	Inclination vertical
	No orientation
	Circular in plan
	0.4m diameter x 0.25m depth
	Cuts [003]
	Filled by (005)
	2m east of [006], which is fairly similar in size, shape and fill
	Possibly a stone throw or other natural feature, however possibly a pit or posthole
(005)	Fill of potential negative feature [004]
	Dark blackish brown
	Very loose
	Loamy soil
	Indistinguishable from topsoil
	Very frequent stone inclusions of varying sizes
	Circular in plan
	0.4m diameter x 0.25m depth
	Half-sectioned with trowel and spoon in fair weather
	Fill of potential negative feature – possibly a stone throw or other natural feature, however possibly a pit or posthole
[006]	Cut for potential negative feature
	Breaks of slope sharp
	Sides fairly steep

	Base flat
	Inclination vertical
	Orientated N-S
	Oval in plan
	0.5m N-S x 0.4m E-W x 0.15m depth
	Cuts (003)
	Filled by (007)
	2m west of [004], which is fairly similar in size, shape and fill
	Possibly natural but appears to be a negative feature – could be a posthole.
(007)	Fill of potential negative feature [006]
	Dark blackish brown
	Gravely soil
	Some charcoal inclusions
	Oval in plan
	0.5m N-S x 0.4m E-W x 0.15m depth
	Half-sectioned with trowel and spoon in fair weather
	Fill of potential negative feature. Possibly natural but appears to be a negative feature – could be a posthole.
[008]	Cut for pit
	Breaks of slope fairly sharp at top and variable (fairly gentle – fairly sharp) at base
	Sides variable (steeply sloping – fairly gently sloping)
	Base flat
	Orientated NW-SE
	Vertical inclination
	Oval in plan
	1.6m NW-SE x 1.1m NE-SW x 0.4m depth
	Cuts [003]
	Filled by (009)
	Pit. Cutting / cut by pit [010]. Relationship is unclear due to similarity in fills. It is possible that this is a series of intercutting pits (more than the 2 recorded).
(009)	Fill of pit
	Dark Blackish brown
	Fairly loose
	Gravely soil
	Frequent stone inclusions of sizes up to 0.2m ³
	Some charcoal inclusions, with a concentration of charcoal in west corner
	Oval in plan
	1.6m NW-SE x 1.1m NE-SW x 0.4m depth
	Indistinguishable from (011), and so this relationship is unclear
L	1

	Excavated in fair weather with trowel and shovel
	Fill of pit.
[010]	Cut of pit
	Breaks of slope fairly gentle at top and gentle at base
	Sides gently sloping
	Base flat
	Vertically inclined
	NW-SE orientation
	Oval in plan
	1.2m NW-SE x 0.85m NE-SW x 0.25m depth
	Cuts [003]
	Filled by (011)
	Pit. Cutting / cut by pit [010]. Relationship is unclear due to similarity in fills. It is possible that this is a series of intercutting pits (more than the 2 recorded).
(011)	Fill of pit [010]
	Dark blackish brown
	Fairly loose
	Gravely soil
	Frequent stone inclusions of up to 0.2m ³
	Some charcoal inclusions
	Oval in plan
	1.2m NW-SE x 0.85m NE-SW x 0.25m depth
	Indistinguishable from (011), and so this relationship is unclear
	Excavated in fair weather with trowel and shovel
	Fill of pit.
[012]	Cut of pit
	Breaks of slope sharp at top and gentle at base
	Sides fairly steeply sloping
	Base flat
	Vertically inclined
	Circular in plan
	0.8m diameter x 0.2m depth
	Cuts (003)
	Filled by (013)
	Pit. Regularity of shape suggests modern date
(013)	Fill of pit [012]
	Dark blackish brown
	Fairly firm
	Loamy soil
	1

Some small stone inclusions Circular in plan 0.8m diameter x 0.2m depth Half-sectioned in fair weather with trowel and shovel <i>Fill of pit. Regularity of shape suggests modern date</i> [014] Cut of potential pit Breaks of slope fairly sharp at top and gentle at base Sides fairly steeply sloping Base flat Vertical inclination N-S orientation Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Cuts (003) Filled by (015) <i>Cut for potential pit [014]</i> Dark black Fairly loose Silty, wet charcoal Frequent small – medium (<5cm ³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Haf sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
0.8m diameter x 0.2m depthHalf-sectioned in fair weather with trowel and shovelFill of pit. Regularity of shape suggests modern date[014]Cut of potential pitBreaks of slope fairly sharp at top and gentle at baseSides fairly steeply slopingBase flatVertical inclinationN-S orientationOval in plan1m N-S x 0.9m E-W x 0.2m depthCuts (003)Filled by (015)Cut for potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthfill of potential pit (fire pit?)
Half-sectioned in fair weather with trowel and shovel Fill of pit. Regularity of shape suggests modern date[014]Cut of potential pit Breaks of slope fairly sharp at top and gentle at base Sides fairly steeply sloping Base flat Vertical inclination N-S orientation Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Cuts (003) Filled by (015) Cut for potential pit (fire pit?)(015)Fill of potential pit [014] Dark black Fairly loose Silty, wet charcoal Frequent small – medium (<5cm³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Fill of potential pit (fire pit?)
Fill of pit. Regularity of shape suggests modern date[014]Cut of potential pitBreaks of slope fairly sharp at top and gentle at baseSides fairly steeply slopingBase flatVertical inclinationN-S orientationOval in plan1m N-S x 0.9m E-W x 0.2m depthCuts (003)Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
[014] Cut of potential pit Breaks of slope fairly sharp at top and gentle at base Sides fairly steeply sloping Base flat Vertical inclination N-S orientation Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Cuts (003) Filled by (015) Cut for potential pit (fire pit?) (015) Fill of potential pit [014] Dark black Fairly loose Silty, wet charcoal Frequent small – medium (<5cm³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Fill of potential pit (fire pit?)
Breaks of slope fairly sharp at top and gentle at base Sides fairly steeply sloping Base flat Vertical inclination N-S orientation Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Cuts (003) Filled by (015) Cut for potential pit (fire pit?) (015) Fill of potential pit [014] Dark black Fairly loose Silty, wet charcoal Frequent small – medium (<5cm³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Fill of potential pit (fire pit?)
Sides fairly steeply slopingBase flatVertical inclinationN-S orientationOval in plan1m N-S x 0.9m E-W x 0.2m depthCuts (003)Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
Base flat Vertical inclination N-S orientation Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Cuts (003) Filled by (015) Cut for potential pit (fire pit?) (015) Fill of potential pit [014] Dark black Fairly loose Silty, wet charcoal Frequent small – medium (<5cm³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth Fill of potential pit (fire pit?)
Vertical inclinationN-S orientationOval in plan1m N-S x 0.9m E-W x 0.2m depthCuts (003)Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
N-S orientationOval in plan1m N-S x 0.9m E-W x 0.2m depthCuts (003)Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
Oval in plan1m N-S x 0.9m E-W x 0.2m depthCuts (003)Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
1m N-S x 0.9m E-W x 0.2m depthCuts (003)Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
Cuts (003)Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
Filled by (015)Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
Cut for potential pit (fire pit?)(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
(015)Fill of potential pit [014]Dark blackFairly looseSilty, wet charcoalFrequent small – medium (<5cm³) stone inclusionsMostly crushed charcoal with occasional small chunks of charcoalHalf sectioned in fair weather with trowel and shovelOval in plan1m N-S x 0.9m E-W x 0.2m depthFill of potential pit (fire pit?)
Dark black Fairly loose Silty, wet charcoal Frequent small – medium (<5cm ³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
Fairly loose Silty, wet charcoal Frequent small – medium (<5cm ³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
Silty, wet charcoal Frequent small – medium (<5cm ³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
Frequent small – medium (<5cm ³) stone inclusions Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
Mostly crushed charcoal with occasional small chunks of charcoal Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
Half sectioned in fair weather with trowel and shovel Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
Oval in plan 1m N-S x 0.9m E-W x 0.2m depth <i>Fill of potential pit (fire pit?)</i>
1m N-S x 0.9m E-W x 0.2m depth Fill of potential pit (fire pit?)
Fill of potential pit (fire pit?)
[016] Cut of pit
Breaks of slope fairly sharp at top and fairly gentle at base
Sides fairly steeply sloping
Base flat
Vertical inclination
Orientated NE–SW
Oval in plan
1.2m surviving NE-SW (truncated by [018]) x 0.9m NW-SE x 0.35m depth
Cuts [016]
Cut by [018]
Filled by (017)
Cut of pit – possibly a fire pit. Earlier of an intercutting pair

(017)	Fill of pit [016]	
	Several lenses of burning material	
	Charcoal, grey ash, and pink ash	
	Some small, round stone inclusions	
	Fairly firm	
	Half sectioned in fair weather using shovel and trowel	
	Oval in plan	
	1.2m surviving NE-SW (truncated by [018]) x 0.9m NW-SE x 0.35m depth	
	Cut by [018]	
	Fill of pit – possibly a fire pit. Earlier of an intercutting pair	
[018]	Cut of pit	
	Breaks of slope fairly sharp at top and fairly gentle at base	
	Sides fairly steeply sloping	
	Base flat	
	Vertical inclination	
	Orientated NE-SW	
	Oval in plan	
	1.2m NE-SW x 0.7m SE-NW x 0.3m depth	
	Cuts (003), [016], (017)	
	Filled by (019)	
	Cut of pit. Later of an intercutting pair	
(019)	Fill of pit [018]	
	Mid blackish brown	
	Fairly firm	
	Loamy soil	
	Some small, round stone inclusions	
	Some small charcoal inclusions	
	Oval in plan	ļ
	1.2m NE-SW x 0.7m SE-NW x 0.3m depth	
	Half-sectioned in fair weather with shovel and trowel	
[020]	Cut of pit	
	Breaks of slope very sharp at top and gentle at base	
	Sides vertical	
	Base flat	
	Inclination vertical	
	Circular in plan	
	1.1m diameter x 0.5m depth	
	Cuts (003)	
		-

	
	Filled by (021)
	Cut of isolated pit
(021)	Fill of pit [020]
	Dark greyish brown
	Fairly firm
	Loamy soil
	Some small stone inclusions
	Thin gravely interface at base
	Circular in plan
	1.1m diameter x 0.5m depth
	Half-sectioned with mattock, shovel, and trowel in clear weather
	Fill of isolated pit
[022]	Cut of potential negative feature
	Breaks of slope fairly gentle at top and gentle at base
	Sides gently sloping
	Base concave
	Inclination vertical
	Circular in plan
	0.75m diameter x 0.08m depth
	Cuts (003)
	Filled by (023), (024)
	Cut of potential negative feature. Burning evidence within feature. It is possible that burning took place without a prior cut event
(023)	Upper fill of potential negative feature [022]
	Mid greyish brown
	Fairly loose
	Loamy soil
	Very frequent charcoal inclusions (~70—80%)
	Circular in plan
	0.7m diameter x 0.04m depth
	Half-sectioned in cloudy weather with trowel
	Over (024)
	Burnt material within potential negative feature
(024)	Lower fill of potential negative feature [022]
	Mid brownish red
	Loose
	Sandy gravel
	Circular in plan
	0.75m diameter x 0.04m depth

	Half sectioned in cloudy weather with trowel
	Under (023)
	Burnt material within potential negative feature
[025]	Cut of pit
	Breaks of slope very sharp at top and fairly sharp at base
	Sides vertical
	Base flat
	Circular in plan
	1.5m diameter x 1.2m depth
	Cuts (003)
	Filled by (026)
	Pit. Finds given provisional medieval date.
(025)	Fill of pit [025]
	Mid greyish brown
	Fairly firm
	Loamy soil
	Very similar to, but slightly lighter than, topsoil (002)
	Fairly frequent small – medium (<0.15m ³) stone inclusions
	Some patches of different fill – looks like ash but probably degraded sandstone
	Circular in plan
	1.5m diameter x 1.2m depth
	Fully excavated in fair weather (partly by torchlight) with spade and trowel
	SF1 – possible fragment of rotary quern stone
	SF2 – pottery fragments, identified provisionally as greenglazed redware
	SF3 – Jug rim and upper handle, identified provisionally as greenglazed redware
	Fill of pit. Finds given provisional medieval date

Appendix 2 List of Site Photographs

Photo #	Description	From	Date
1	shot showing pre-existing fencing around SM1564	N	01/10/2019
2	shot showing pre-existing fencing around SM1564	NW	01/10/2019
3	shot showing pre-existing fencing around SM1562	N	01/10/2019
4	fencing laid out not yet put up around stripping area	NE	01/10/2019
5	SM1562 from N end of field	Ν	01/10/2019
6	view SW from SW corner of field	NE	01/10/2019
7	view E from SW corner of field	W	01/10/2019
8	view NW from SW corner of field	SE	01/10/2019
9	view E from SW corner of field	W	01/10/2019
10	view SW from SW corner of field	NE	01/10/2019
11	view E from SW corner of field	W	01/10/2019
12	view SW from W side of field	NE	01/10/2019
13	yellow pegs around stripping area with SM1564 in background	NW	01/10/2019
14	yellow pegs around stripping area with SM1564 in background	NW	01/10/2019
15	yellow pegs around stripping area with SM1564 in background	SW	01/10/2019
16	yellow pegs and wire for fencing around stripping area with SM1564 in background	S	01/10/2019
17	general view of field beyond stripping area with SM1564 in background	W	01/10/2019
18	yellow pegs around stripping area and wire for fencing	S	01/10/2019
19	shot showing pre-exisitng fencing around SM1564	W	01/10/2019
20	Map showing location of known archaeology with rough location of stripping area in green	-	01/10/2019
21	TP1	W	03/10/2019
22	N facing section of TP1	N	03/10/2019
23	N facing section of TP1	N	03/10/2019
24	access track after stripping	W	03/10/2019
25	access track after stripping	E	03/10/2019
26	access track after stripping	W	03/10/2019
27	access track after stripping	E	03/10/2019
28	access track after stripping	W	03/10/2019
29	access track after stripping	E	03/10/2019
30	turning area after stripping	S	04/10/2019
31	turning area after stripping	Ν	04/10/2019
32	new fencing around main stripping area	NW	07/10/2019
33	general view of area stripped today	W	07/10/2019
34	band of sand / potential feature	W S	07/10/2019
35	band of sand / potential feature		07/10/2019
36	general view of area stripped today		07/10/2019
37	slot in band of sand		08/10/2019
38	general view of area stripped today		08/10/2019
39	general view of area stripped today		08/10/2019
40	general view of area stripped today		08/10/2019
41	general view of area stripped today		08/10/2019
42	general view of area stripped today	E	08/10/2019

43	general view of area stripped today	W	08/10/2019
44	general view of area stripped today	E	08/10/2019
45	general view of area stripped today	W	08/10/2019
46	general view of area stripped today	E	08/10/2019
47	general view of area stripped today	W	08/10/2019
48	general view of area stripped today	E	08/10/2019
49	general view of area stripped today	W	08/10/2019
50	general view of area stripped today	E	08/10/2019
51	general view of area stripped today	W	08/10/2019
52	general view of area stripped today	E	08/10/2019
53	general view of area stripped today	W	08/10/2019
54	general view of area stripped today	E	09/10/2019
55	general view of area stripped today	W	09/10/2019
56	general view of area stripped today	E	09/10/2019
57	general view of area stripped today	W	09/10/2019
58	general view of area stripped today	E	10/10/2019
59	general view of area stripped today	W	10/10/2019
60	general view of area stripped today	E	10/10/2019
61	general view of area stripped today	W	10/10/2019
62	general view of area stripped today	E	10/10/2019
63	new fencing	Ν	10/10/2019
64	new fencing with SM1564 in background	W	10/10/2019
65	new fencing with SM1564 in background	W	10/10/2019
66	new fencing with SM 1562 and SM1564 in background	W	10/10/2019
67	new fencing with SM 1562 and SM1564 in background	SW	10/10/2019
68	new fencing with SM 1562 and SM1564 in background	SW	10/10/2019
69	new fencing	S	10/10/2019
70	new fencing	S	10/10/2019
71	new fencing with SM 1564 in background	NW	10/10/2019
72	new fencing	E	10/10/2019
73	new fencing	NW	10/10/2019
74	new fencing	NW	10/10/2019
75	pre-excavation shot of [004]	S	11/10/2019
76	[004] after half section in plan	SE	11/10/2019
77	[004] after half section in section	SE	11/10/2019
78	[004] after half section in section	SE	11/10/2019
79	pre-excavation shot of [006]	S	11/10/2019
80	[006] after half section in plan	S	11/10/2019
81	[006] after half section in section	S	11/10/2019
82	[008] before fully exposed	NE	11/10/2019
83	[008] before fully exposed	NE	11/10/2019
84	general view of area stripped today - shows netlon fencing around [004] and [006]	E	11/10/2019
85	netion fencing around [008]	NW	11/10/2019
86	netlon fencing around [008]	E	11/10/2019
87	general view of area stripped today	W	11/10/2019
88	general view of area stripped today	E	11/10/2019

			1
89	general view of area stripped today	W	11/10/2019
90	general view of area stripped today	E	11/10/2019
91	general view of area stripped today	W	11/10/2019
92	general view of area stripped today	Е	11/10/2019
93	general view of area stripped today	E	11/10/2019
94	general view of area stripped today	E	14/10/2019
95	general view of area stripped today	W	14/10/2019
96	pre-excavation shot of [008] and [010] to be retaken tomorrow in better light	NE	14/10/2019
97	netlon fencing around [008] and [010]	SW	14/10/2019
98	general view of area stripped today	W	14/10/2019
99	general view of area stripped today	E	14/10/2019
100	pre-excavation shot of intercutting pits [008] and [010]	NE	15/10/2019
101	intercutting pits [008] and [010] after half section in plan	SW	15/10/2019
102	intercutting pits [008] and [010] after half section in section	SW	15/10/2019
103	intercutting pits [008] and [010] after half section in section	SW	15/10/2019
104	pre-excavation shot of [012]	Ν	15/10/2019
105	[012] after half section in plan	Ν	15/10/2019
106	[012] after half section in section	Ν	15/10/2019
107	general view of area stripped today	W	15/10/2019
108	general view of area stripped today	E	15/10/2019
109	general view of area stripped today	W	15/10/2019
110	general view of area stripped today	E	15/10/2019
111	general view of area stripped today	W	16/10/2019
112	general view of area stripped today	E	16/10/2019
113	general view of area stripped today	NW	16/10/2019
114	general view of area stripped today	SE	16/10/2019
115	general view of area stripped today	W	17/10/2019
116	general view of area stripped today	E	17/10/2019
117	general view of area stripped today	W	17/10/2019
118	general view of area stripped today	E	17/10/2019
119	general view of area stripped today	NW	21/10/2019
120	general view of area stripped today	SE	21/10/2019
121	general view of area stripped today	NW	21/10/2019
122	general view of area stripped today	SE	21/10/2019
123	pre-excavation shot of [014]	W	21/10/2019
124	[014] after half section in plan	W	21/10/2019
125	[014] after half section in plan	W	21/10/2019
126	[014] after half section in plan	W	21/10/2019
127	[014] after half section in section	W	21/10/2019
128	[014] after half section in section	W	21/10/2019
129	general view of area stripped today - shows netlon fencing around [014]	W	21/10/2019
130	general view of area stripped today - shows netlon fencing around [014]	E	21/10/2019
131	general view of area stripped today	W	21/10/2019
132	general view of area stripped today	E	22/10/2019
133	general view of area stripped today	E	22/10/2019

134	general view of area stripped today	W	22/10/2019
135	general view of area stripped today	E	22/10/2019
136	general view of area stripped today	W	22/10/2019
137	general view of area stripped today	N	22/10/2019
138	general view of area stripped today	S	22/10/2019
139	general view of area stripped today	W	22/10/2019
140	general view of area stripped today	E	22/10/2019
141	general view of area stripped today	E	23/10/2019
142	general view of area stripped today	W	23/10/2019
143	pre-excavation shot of [016] and [018]	NW	23/10/2019
144	pre-excavation shot of [016] and [018]	NW	23/10/2019
145	[016] and [018] after half section in plan	NW	23/10/2019
146	[016] and [018] after half section in section	NW	23/10/2019
147	[016] after half section in section	NW	23/10/2019
148	[016] after half section in section	NW	23/10/2019
149	[018] after half section in section	NW	23/10/2019
150	close-up shot of relationship between [016] and [018]	NW	23/10/2019
151	close-up shot of relationship between [016] and [018]	NW	23/10/2019
152	general view of area stripped today	E	23/10/2019
153	general view of area stripped today	W	23/10/2019
154	general view of area stripped today	E	24/10/2019
155	general view of area stripped today	W	24/10/2019
156	general view of area stripped today	W	24/10/2019
157	general view of area stripped today	E	24/10/2019
158	general view of area stripped today	E	25/10/2019
159	general view of area stripped today	W	25/10/2019
160	general view of area stripped today	S	25/10/2019
161	general view of area stripped today	N	25/10/2019
162	pre-excavation shot of [020]	N	25/10/2019
163	general view of area stripped today - white tub shows location of [020]	E	25/10/2019
164	general view of area stripped today - white tub shows location of [020]	W	25/10/2019
165	general view of area stripped today	E	25/10/2019
166	general view of area stripped today	W	25/10/2019
167	general view of area stripped today	S	25/10/2019
168	general view of area stripped today	N	25/10/2019
169	general view of area stripped today	Ν	28/10/2019
170	general view of area stripped today	S	28/10/2019
171	[020] after half section in plan	Ν	28/10/2019
172	[020] after half section in section	Ν	28/10/2019
173	[020] after half section in plan	N	28/10/2019
174	[020] after half section in section	N	28/10/2019
175	[020] after half section in section	N	28/10/2019
176	[020] after half section in section	N	28/10/2019
177	general view of area stripped today	E	28/10/2019
178	general view of area stripped today	W	28/10/2019

179	general view of area stripped today	W	29/10/2019
180	general view of area stripped today	E	29/10/2019
181	general view of area stripped today	E	29/10/2019
182	general view of area stripped today	W	29/10/2019
183	general view of area stripped today	E	30/10/2019
184	general view of area stripped today	W	30/10/2019
185	pre-excavation shot of [022]	W	30/10/2019
186	[022] after half section in plan	W	30/10/2019
187	[022] after half section in section	W	30/10/2019
188	general view of area stripped today	E	30/10/2019
189	general view of area stripped today	W	30/10/2019
190	general view of area stripped today	Ν	30/10/2019
191	general view of area stripped today	S	30/10/2019
192	pre-excavation shot of [025]	E	30/10/2019
193	SF3 in situ	S	30/10/2019
194	SF3	E	30/10/2019
195	SF3	E	30/10/2019
196	working shot of [025]	W	30/10/2019
197	general view of area stripped today	W	30/10/2019
198	general view of area stripped today	E	30/10/2019
199	general view of area stripped today	S	30/10/2019
200	general view of area stripped today	Ν	30/10/2019
201	post-excavation shot of [025]	E	31/10/2019
202	post-excavation shot of [025]	W	31/10/2019
203	post-excavation shot of [025]	W	31/10/2019

Appendix 3 List of Drawings

Drawing #	Sheet #	Description	Date
1	1	SE facing section of [004]	11/10/2019
2	1	N facing section of [006]	14/10/2019
3	2	SW facing section of [008] and [010]	15/10/2019
4	3	W facing section of [014]	21/10/2019
5	4	NW facing section of [016] and [018]	24/10/2019
6	4	N facing section of [020]	28/10/2019
7	4	W facing section of [022]	30/10/2019
8	3	N-S profile of [025]	31/10/2019

Appendix 4 List of Samples

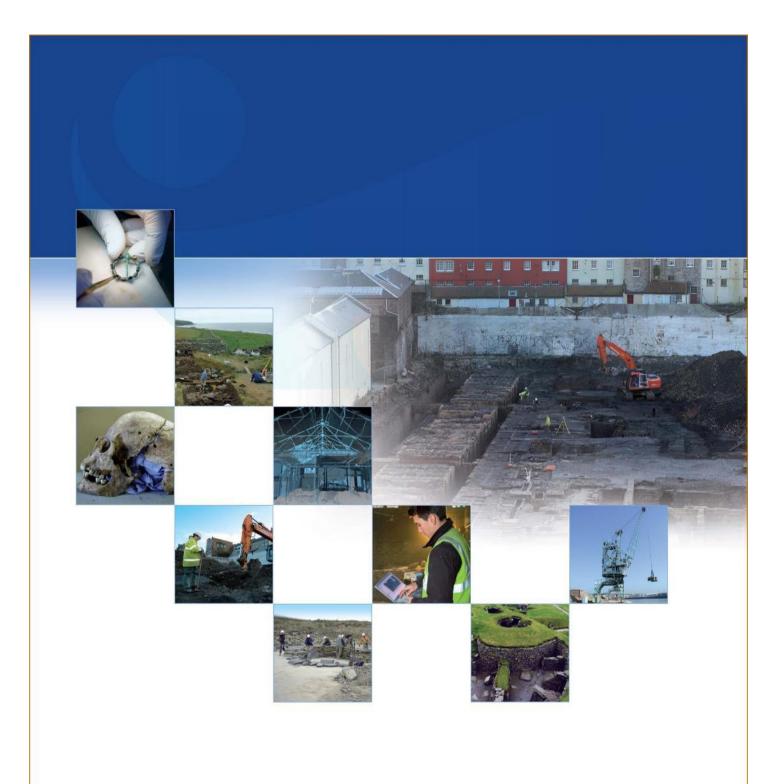
Context	Quantity	Comments
(005)	8L in 1 tub	
(007)	10L in 1 tub	
(009)	20L in 2 tubs	Tub 1 contains charcoal concentration but may be contaminated with
		(011)
(011)	10L in 1 tub	
(013)	10L in 1 tub	
(015)	10L in 1 tub	
(017)	10L in 1 tub	
(019)	10L in 1 tub	
(021)	10L in 1 tub	
(023)	4L in 1 tub	Potential for some contamination from lower fill (024)
(024)	3L in 1 tub	Potential for heavy contamination from upper fill (023)
(026)	30L in 3 tubs	

Appendix 5 List of Finds

Finds #	Context	Material Code	Description/Notes
1	(026)	ST	Fragment of stone – appears shaped – possible fragment of
			rotary quern
2	(026)	CE	Various fragments of pottery found throughout pit [025]
			Provisionally identified as greenglazed redware
3	(026)	CE	Full rim and top of handle of ceramic jug
			Provisionally identified as greenglazed redware

APPENDIX 6: DISCOVERY AND EXCAVATION IN SCOTLAND (DES) ENTRY

LOCAL AUTHORITY:	Perth and Kinross Heritage Trust
PROJECT TITLE/SITE NAME	Land at Loak Farm, Bankfoot
PROJECT CODE:	AOC 70440
PARISH:	Auchtergaven
NAME OF CONTRIBUTOR:	Katie Walker
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Strip, Map and Record
NMRS NO(S):	
SITE/MONUMENT TYPE(S):	Quarry
SIGNIFICANT FINDS:	Ceramic
NGR (2 letters, 6 figures)	NO 07409 33049
START DATE (this season)	01/10/2019
END DATE (this season)	31/10/2019
PREVIOUS WORK (incl. DES ref.)	None.
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	Strip, map and record project carried out during topsoil stripping works on land at Loak Farm, Bankfoot, Perth & Kinross, in advance of the formation of a borrow pit and installation of associated plant and infrastructure (Planning ref: 18/00395/MWM).
	An area measuring approximately 275m by 150m was stripped, reaching a maximum depth of 0.5m. Across the area was topsoil over natural subsoil, with a thin subsoil across the majority of the area. Eleven potential negative features were uncovered. Only one feature contained artefacts.
PROPOSED FUTURE WORK:	ТВС
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	Breedon Aggregates Ltd
ADDRESS OF MAIN CONTRIBUTOR: AOC Archaeology Group, Edgefield Road Industrial Estate, Edgefield Road, Midlothian, EH20 9SY	
EMAIL ADDRESS:	edinburgh@aocarchaeology.com
ARCHIVE LOCATION: (intended/deposited)	Archive to be deposited in NMRS





AOC Archaeology (Inverness) The Old Estate Office Rosehaugh Estate Avoch Ross-shire IV9 8RF **tel:** 01463 819 841 **mob:** 07972 259 255 **e-mail:** inverness@aocarchaeology.com

www.aocarchaeology.com