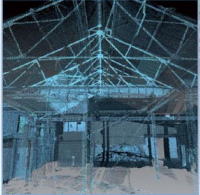
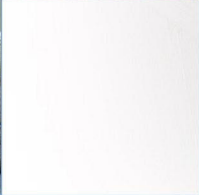
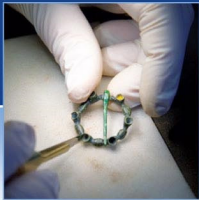


Station Road Gilmerton, City of Edinburgh Archaeological Works: Data Structure Report

AOC Project: 24165
14th May 2018



Station Road, Gilmerton, City of Edinburgh Archaeological Works: Data Structure Report

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

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Summary

A programme of phased archaeological works was required in advance of a proposed residential development on land at Station Road, Gilmerton, Edinburgh. CECAS (City of Edinburgh Council Archaeology Service) required a 10% evaluation of the 23ha development area which equated to 11,000 linear metres. Despite the presence of a farm track running through the development area a total of 21,478.6m² of evaluating trenching was excavated.

The evaluation revealed the continuation of the industrial landscape recorded during the 2017 evaluation. Numerous features were recorded consisting of a series of sub circular mining pits, a backfilled quarry and the remains of a small building dating to the 19th century.

Due to several archaeological features encountered during the evaluation it likely that further work may be required to sufficiently record the extent of the archaeological landscape. The need and scope for further works is to be confirmed by CECAS (City of Edinburgh Council Archaeology Service).

1 INTRODUCTION

1.1 Background

1.1.1 A programme of phased archaeological works was required in advance of a proposed residential development on land at Station Road, Gilmerton, Edinburgh. The site lies within the administrative area of the City of Edinburgh Council, which is advised on archaeological matters by the City of Edinburgh Council Archaeology Service (CECAS). The archaeological works was conducted in accordance with the principles as set out in *Scottish Planning Policy (2014)* and *Planning and Archaeology 2/2011 (2011)* and consisted of an intrusive archaeological evaluation.

1.1.2 The current development site forms part of a larger consented development (14/01649/PPP). Condition 4 of the planning consent states that:

“No development shall take place on the site until the developer has secured the implementation of a programme of archaeological work (excavation, Analysis and reporting, publication public engagement and interpretation) in accordance with a written scheme of investigation which has been submitted and approved by the planning authority”

1.1.3 In their response to application 14/01649/PPP, dated 13th of June 2014, CECAS stated that:

“Given the potential importance of these remains in terms of the history of Edinburgh and in particular the local Gilmerton Area it is considered important that the programme of archaeological works contain a programme of public/community engagement. The scope of this public engagement will be agreed with CECAS and informed by the results of the evaluation works but could include participation in the above mentioned metal detecting along with public lectures, viewing points, temporary interpretation boards etc.”

1.2 Location

1.2. The proposed development area comprises open fields situated to the southeast of the current settlement of Gilmerton, which is itself a south-eastern suburb of Edinburgh. Centred on NGR (NT 29400 68200), the proposed development is bordered by the A772 to the north, Gilmerton Station Road to the east, open fields to the south and Gilmerton to the west. The land is currently used for arable agriculture.

1.3 Archaeological Background

1.3.1 AOC undertook a Desk-Based Assessment (Bradley-Lovekin 2014) for the larger consented development area (14/01649/PPP) in April 2014.

1.3.2 AOC's DBA included a detailed analysis of both records and aerial photographs held by the Royal Commission on Ancient and Historical Monuments of Scotland (RCAHMS) (now Historic Environment Scotland) and historic maps contained within the collection of the national library of Scotland. Several industrial sites were identified within the approved development site:

- **AOC Site 56, 57, 58:** Old Sandstone Quarry (**AOC 56**) and refuse sited recorded on the 1855 Ordnance Survey

- **AOC Site 62:** A quarry recorded as an 'Old Quarry' on the 1855 Ordnance Survey
 - **AOC Site 64, 65, 66, 67, 68, 69, 70:** Mine shafts recorded pm the 1855 Ordnance Survey
 - **AOC Site 71:** A mine shaft recorded on the 1894 Ordnance Survey as part of Gilmerton Colliery
 - **AOC 72, 72, 74, 75:** Quarry and cranes recorded on 1894 Ordnance Survey
 - **AOC Site 81, 82, 83, 84:** Possible coal pits identified as cropmarks
- 1.3.3 Consequently there is a high potential for history mining remains including shafts, quarries and ancillary structures being encountered during the course of the development.
- 1.3.4 Features associated with the garden landscaping of the Gilmerton estate can be seen in the form of an estate wall and associated revetment wall (**AOC 77, 78**), a terraced walkway (**AOC 76**) and a raised garden (**AOC 79**)
- 1.3.5 Prehistoric finds spots (AOC 20, 21) of a hand-axe and glass bead were recovered from the area.
- 1.3.6 Further remains identified beyond the boundaries of the current development within the wider consented area (14/01649/PPP) are reported in the DBA (Bradley-Lovekin 2014)
- 1.3.7 In July 2016 AOC Archaeology undertook a programme of archaeological works on land at South Gilmerton Farm situated to the immediate north of the present proposed development. The works revealed a suite of archaeological features including the remains of 22 mining pits related to 18th/19th century mining works. In addition, a few dykes and boundary ditches were identified containing sherds of 17th/18th century Scottish reduced ware.
- 1.3.8 A second evaluation was undertaken by AOC Archaeology (Engl 2016) on land to the immediate west of the proposed development at Gilmerton Dykes Road. This evaluation revealed the remains of an unmapped pre 18th century sandstone wall and the remnants of the post medieval track 'the Long Walk' associated with the former Gilmerton House.

2 OBJECTIVES

- 2.1 The objectives of the archaeological works were:
- To determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through 10% evaluation;
 - To advise and implement an appropriate form of mitigation strategy compliant with *Scottish Planning Policy* (2014) and *Planning and Archaeology 2/2011* (2011), such as excavation, post-excavation analyses and publication, given the infeasibility of preserving the archaeological material in situ, should significant archaeological remain be encountered.
 - To prepare a final *Data Structure Report* and project archive

3 METHODOLOGY

3.1 Evaluation

- 3.1.1 The details of the archaeological evaluation, laid out below, were designed to meet the requirements of the City of Edinburgh Council as advised by CECAS.
- 3.1.2 The development area measured 23 ha in total. The Council, as advised by CECAS, required that a 10% evaluation be undertaken across the entire site. This equated to a total basal trench area of ca. 23000m²; 11,000m of linear trenches. Despite the presence of a farm track and a live service running through the development area a total of 21,478.6m² of evaluating trenching was excavated.
- 3.1.3 The evaluation was achieved through the excavation of linear trenches using two mechanical excavators equipped with 2.2m wide ditching buckets. The trenches were of varying lengths and sizes and set on varying orientation.
- 3.1.4 The excavation was in shallow units/spits until the first significant archaeological horizon or natural drift geology was reached. All machine excavations were supervised by an experienced field archaeologist.
- 3.1.5 All significant archaeological features were cleaned and fully defined. A sufficient number of significant features were excavated, sampled and recorded to determine their character, function, nature, date and significance.
- 3.1.6 All trial trenching was undertaken according to AOC Archaeology Group's standard operating procedures.

4 RESULTS

- 4.1 The Archaeological Evaluation was conducted between the 30th of April 2018 and 08th of May 2018. Weather conditions were fair allowing for good archaeological visibility throughout the evaluation. In total, ninety-nine trenches were opened.

4.2 Area A

- 4.2.1 A total of 4088 linear metres (39 Trenches) were excavated within Area A. The evaluation revealed a red brown plough-soil directly overlying a natural subsoil of orange brown sandy clay. Occasional rubble drains were observed cutting the natural. These were aligned ENE-WSW.
- 4.2.2 The predominant archaeological features in field A consisted of 11 large sub circular mining test pits across trenches 2, 11, 12, 18, 23, 25, 27, 33, 37, 38 and 39. These pits ranged in diameter from 1.8m to 3.5m. One 2.5m diameter pit in trench 37 was excavated to a depth of 2.2m. It was filled with dark grey shale and dark grey brown clay.
- 4.2.3 In addition to this possible broad rig furrows were recorded in trench 25.
- 4.2.4 No further archaeology was present.

4.3 Area B

- 4.3.1 A total of 3300 linear metres (33 Trenches) were excavated within Area B. The evaluation revealed a grey brown plough-soil directly overlying a natural subsoil of orange brown sandy clay which was heavily disturbed in the East.
- 4.3.2 Similar to Area A; the predominant archaeological features consisted of large sub circular mining pits ranging in diameter from 3.5m to 4m. There were however only three pits in this area located in trenches 2, 4 and 6. Mining debris was also present in trench 22 from 0-7m.
- 4.3.3 Trench 31 contained a large area of chemical waste from 17.7m – 30.5m and was immediately backfilled. It also contained large area of cut and backfill disturbance from 35m-55m; likely relating to the nearby quarrying activities.



Plate 1: SW facing section of mining pit in Field A Trench 37

4.3 Area BC

- 4.3.1 A total of 525 linear metres (9 Trenches) were excavated within Area BC. The evaluation revealed a light brown/grey silty sand with coal flecks and modern ceramic directly overlying a natural subsoil of orange brown sandy clay.
- 4.3.2 The predominant archaeological features in this field pertain to Edgehead Quarry. This quarry is visible on the OS map of 1894 (see figure 3). This included a small sub rectangular walled structure that was evaluated in Trench 7 and revealed a poorly preserved single course of brick laid floor surface (Plate 2). The quarry backfill was present in trenches 4, 5, 8 and 9. Within the infill of the quarry several newspapers were visible dating from 1937 (not retained, plate 3).



Plate 2: Overview of brick floor in BC T7



Plate 3: Newspapers from Field BC T4



Figure 3: Excerpt from 1894 OS Map

4.3 Area C

- 4.3.1 A total of 1850 linear metres (19 Trenches) were excavated within Area C. The evaluation revealed a red brown plough-soil directly overlying a natural subsoil ranging from light brown orange silty clay to light reddish brown clayey silt.
- 4.3.2 Field C revealed 19 sub circular mining pits ranging in diameter from 2.6m to 4m throughout the field. One large depression was visible in the field and was avoided due to the likelihood of it being a mine shaft.

5 CONCLUSION AND RECOMMENDATIONS

- 5.1 Due to several archaeological features encountered during the evaluation it is likely that further work may be required to sufficiently record the extent of the archaeological landscape. The need and scope for further works is to be confirmed by CECAS (City of Edinburgh Council Archaeology Service).

6 REFERENCES

6.1 Bibliographic References

2018 AOC Archaeology Station Road Gilmerton, City of Edinburgh, Archaeological Works: Written Scheme of Investigation

Scottish Government 2014 *Scottish Planning Policy*

Scottish Government 2011, *Planning Advice Note 2/2011: Planning and Archaeology*

6.2 Cartographic References

1894 Edinburghshire VIII.5 Edinburgh; Lasswade

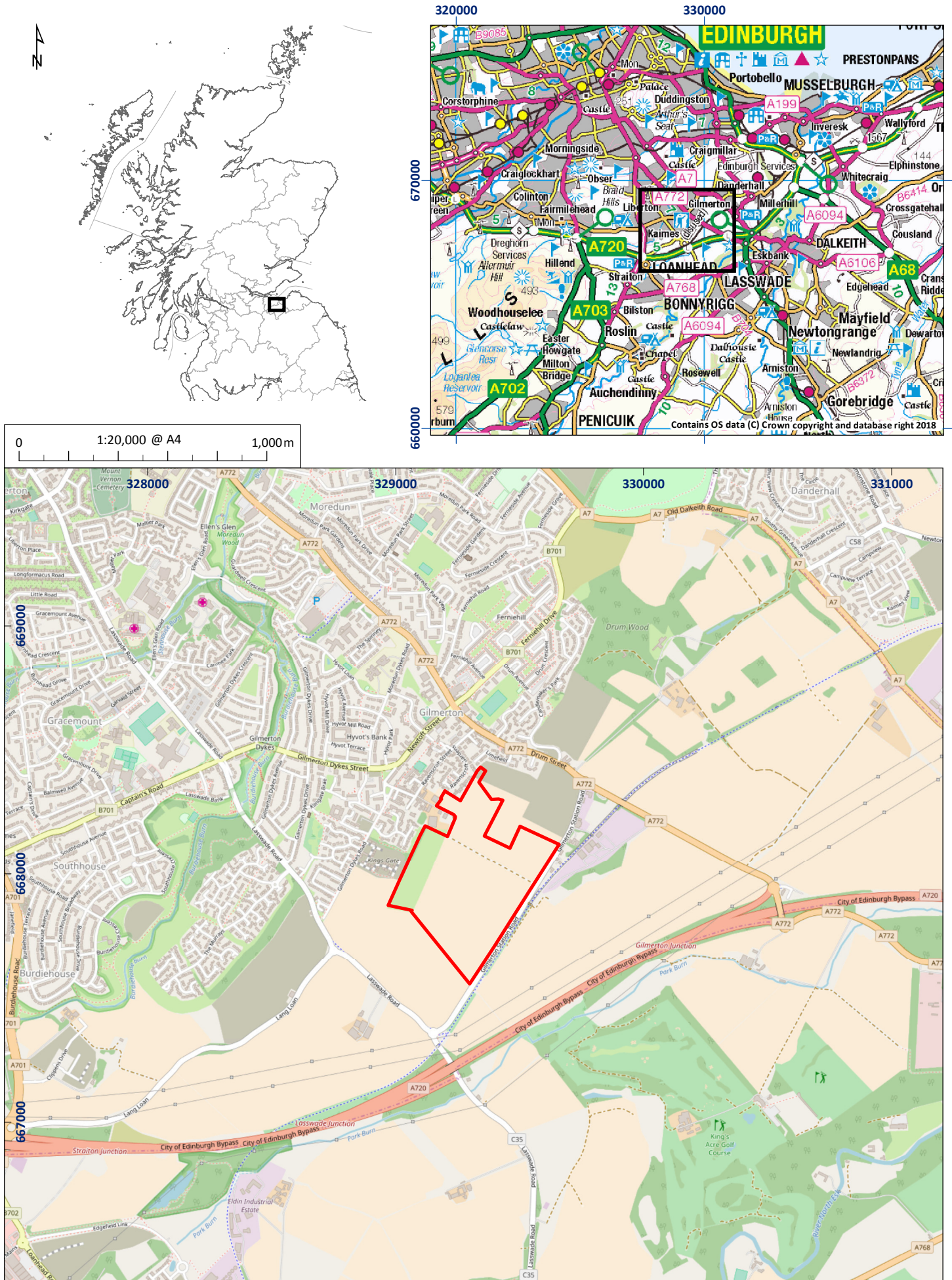


Figure 1: Site location plan

01/24165/DSR/01/01

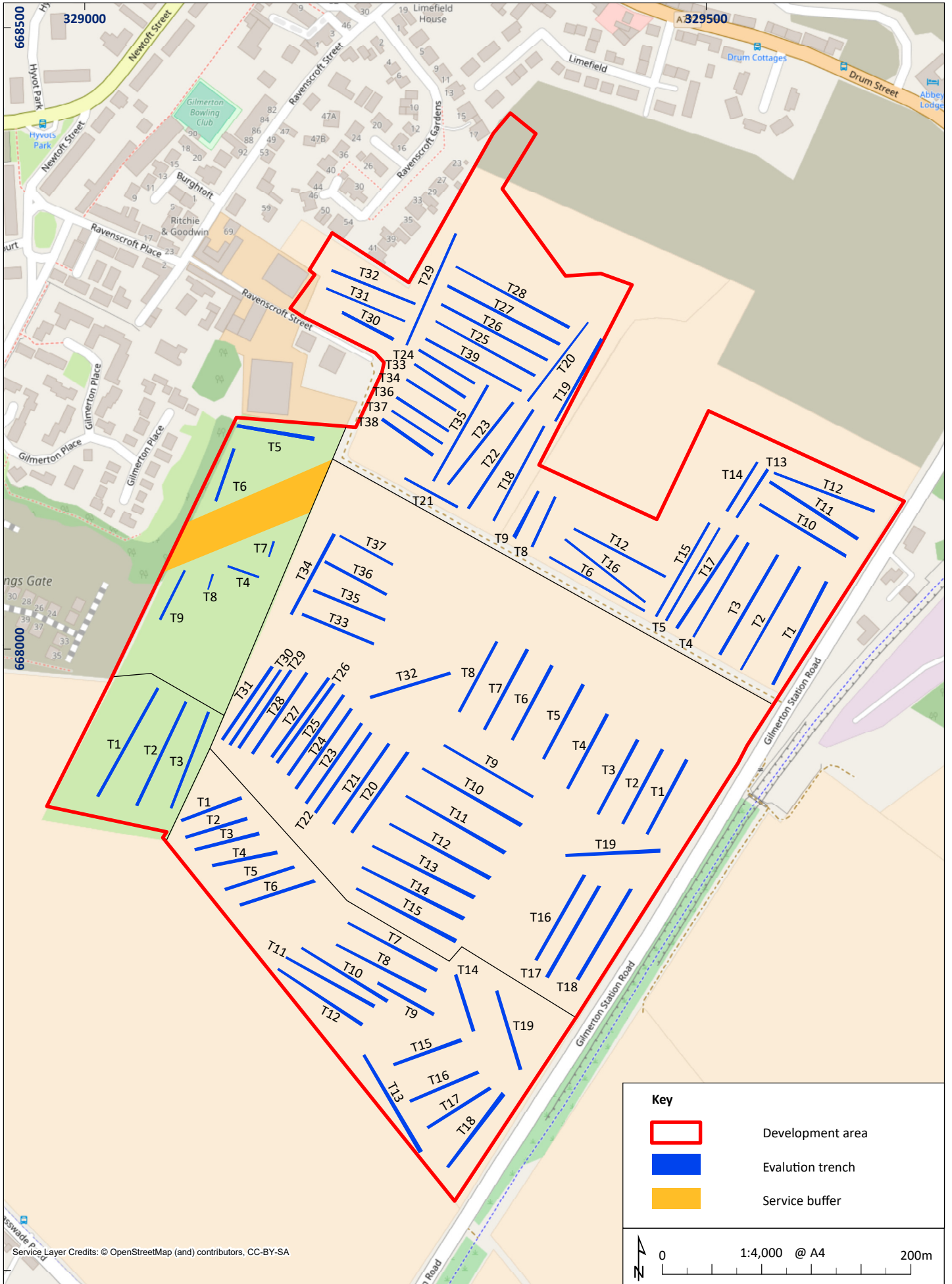


Figure 2: Trench plan

01/24165/DSR/02/101

Station Road, Gilmerton: Archaeological Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: Evaluation Trench Descriptions

Field A

Trench 1

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Topsoil:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features:</i>	Re-deposited coal and topsoil and natural from 50m to the end of trench.
<i>Other Features:</i>	None
<i>Natural Subsoil:</i>	Mid orange brown silty clay.
<i>Finds:</i>	None

Trench 2

<i>Dimensions:</i>	Length 100m Width 2.2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Inclusions coal flecks and small stones.
<i>Significant Features</i>	Mining Pit at 90m, 2.3m diameter (sub circular) filled with dark brown/grey silty clay with coal flecks and modern ceramics.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orange brown silty clay.
<i>Finds</i>	None

Trench 3

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	As in 1
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orange brown silty clay.
<i>Finds</i>	None

Trench 4

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Coal flecks
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light Orange Brown silty clay.
<i>Finds</i>	None

Trench 5

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.

<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light Orange Brown silty clay. Coal flecks.
<i>Finds</i>	None

Trench 6

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light Orange Brown silty clay. Coal flecks.
<i>Finds</i>	None

Trench 7

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Coal flecks.
<i>Significant Features</i>	None
<i>Other Features:</i>	Plough scarring evident.
<i>Natural Subsoil</i>	Light Orange Brown silty clay. Coal flecks.
<i>Finds</i>	None

Trench 8

<i>Dimensions:</i>	Length 50m Width 2.2m
<i>Total Area:</i>	100m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light Orange Brown silty clay. Coal flecks.
<i>Finds</i>	None

Trench 9

<i>Dimensions:</i>	Length 50m Width 2.2m
<i>Total Area:</i>	100m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Mid orange brown silty clay. Inclusions coal flecks and small stones.
<i>Significant Features:</i>	None
<i>Other Features:</i>	None
<i>Natural Subsoil:</i>	Light orange/cream mottled grey silty clay
<i>Finds:</i>	None

Trench 10

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.

<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange/cream mottled grey silty clay
<i>Finds</i>	None

Trench 11

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features:</i>	Four mining pits
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orange brown silty clay. Inclusions coal flecks and small stones.
<i>Finds</i>	None

Trench 12

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	WSW-ENE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features:</i>	Mining pit from 16.8-21.3m
<i>Other Features:</i>	Possible evidence of furrows at 55m and 64m. Drain at 90m.
<i>Natural Subsoil</i>	Mid orange brown silty clay. Inclusions coal flecks and small stones.
<i>Finds</i>	None

Trench 13

<i>Dimensions:</i>	Length 50m Width 2.2m
<i>Total Area:</i>	100m ²
<i>Excavated Orientation:</i>	SW-NE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Orange brown silty clay. Inclusions coal flecks and small stones
<i>Finds</i>	None

Trench 14

<i>Dimensions:</i>	Length 50m Width 2.2m
<i>Total Area:</i>	100m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Inclusions coal flecks and small stones
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Orange brown silty clay. Inclusions coal flecks and small stones
<i>Finds</i>	None

Trench 15

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.

<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Mid orange brown silty clay. Inclusions coal flecks and small stones.
<i>Finds</i>	None

Trench 16

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NW-SE.
<i>Soil Make-up</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features:</i>	Rubble drain 17.5 m from SE end running NE-SW.
<i>Natural Subsoil</i>	Mid orange brown silty clay. Inclusions coal flecks and small stones.
<i>Finds</i>	None

Trench 17

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features:</i>	Rubble drains at 23m and at 65m. Running ENE-WSW
<i>Natural Subsoil</i>	Mid orange brown silty clay. Inclusions coal flecks and small stones.
<i>Finds</i>	None

Trench 18

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Dark grey brown clayey silt.
<i>Significant Features:</i>	Large sub-circular cut at 21m. 5m in diameter filled with crushed sandstone, shale and coal.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light cream/brown shale in coal seams to dark black shale.
<i>Finds</i>	None

Trench 19

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Dark grey brown clayey silt. Until 33m then, light cream/brown clayey silt.
<i>Finds</i>	None

Trench 20

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW

<i>Soil Make-up</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Sandstone outcrops with pockets of light grey brown silty clay in between.
<i>Finds</i>	None

Trench 21

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Light Brown-Dark Brown Grey Clayey silt with coal flecks and white glazed ceramic up to 0.5m deep
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light Brown silty clay with occasional stones
<i>Finds</i>	None

Trench 22

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	Plough scarring evident.
<i>Natural Subsoil</i>	Light Brown silty clay with occasional stones
<i>Finds</i>	None

Trench 23

<i>Dimensions:</i>	Length 100m Width 2.2m.
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	NNE-SSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features:</i>	E-W aligned linear 19m from NNE end of trench. 1.2.2m wide. Another at 26m. Broad rig, rig and furrow.
<i>Other Features</i>	Light brown/orange silty clay.
<i>Natural Subsoil</i>	Light Brown silty clay with occasional stones
<i>Finds</i>	None

Trench 24

<i>Dimensions:</i>	Length 100m Width 2.2m.
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	WNW-ESE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light brown orange silty clay with occasional stones.
<i>Finds</i>	None

Trench 25

<i>Dimensions:</i>	Length 100m Width 2.2m.
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	WNW-ESE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	Pit at 55m full of shale. 1.8 diameter sub circular.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Sandstone first 15m. Then light brown silty clay.
<i>Finds</i>	None

Trench 26

<i>Dimensions:</i>	Length 100m Width 2.2m.
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light grey brown to orange brown silty clay with occasional stones NW-SE. Coal and sandstone seams.
<i>Finds</i>	None

Trench 27

<i>Dimensions:</i>	Length 100m Width 2.2m.
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features:</i>	34m from ENE end- appears to have been dug out and infilled, White glaze ceramic noted in fill. Likely from quarrying / mining. Lasts 17m.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light grey brown to orange brown silty clay with occasional stones NW-SE. Coal and sandstone seams.
<i>Finds</i>	None

Trench 28

<i>Dimensions:</i>	Length 100m Width 2.2m.
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	WNW-ESE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Feature:</i>	Occasional coal seams running NE-SW and bands of sandstone outcrops.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light grey brown silty clay with occasional stones to light orange brown.
<i>Finds</i>	None

Trench 29

<i>Dimensions:</i>	Length 100m Width 2.2m.
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	NE-SW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange brown clay with bands of sandstone.

Finds None

Trench 30

Dimensions: Length 50m Width 2.2m.
Total Area: 100m²
Excavated Orientation WNW-ESE
Soil Make-up: Light reddish brown plough-soil with inclusions of coal flecks and small stones.
Significant Features None
Other Features None
Natural Subsoil: Mostly bedrock-sandstone seams interspersed with light orange brown clay.
Finds None

Trench 31

Dimensions: Length 75m Width 2.2m.
Total Area: 150m²
Excavated Orientation WNW-ESE
Soil Make-up: Light reddish brown plough-soil with inclusions of coal flecks and small stones.
Significant Features None
Other Features None
Natural Subsoil: Mostly bedrock-sandstone seams interspersed with light orange brown clay. Coal seams to ESE.
Finds None

Trench 32

Dimensions: Length 100m Width 2.2m.
Total Area: 150m²
Excavated Orientation WNW-ESE
Soil Make-up Light reddish brown plough-soil with inclusions of coal flecks and small stones.
Significant Features None
Other Features None
Natural Subsoil: Mostly bedrock-sandstone seams interspersed with light orange brown clay. Coal seams to ESE.
Finds None

Trench 33

Dimensions: Length 50m Width 2.2m.
Total Area: 100m²
Excavated Orientation WNW-ESE
Soil Make-up: Light reddish brown plough-soil with inclusions of coal flecks and small stones.
Significant Features: 2 mining pits-post med. 1 at 30m 1.8 in diameter. 2 at 40m 2.3m in diameter.
Other Features None
Natural Subsoil: Light grey brown silty clay with occasional stones.
Finds None

Trench 34

Dimensions: Length 50m Width 2.2m.
Total Area: 100m²
Excavated Orientation ESE-WSW

<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange brown silty clay with occasional stones and sandstone seams.
<i>Finds</i>	None

Trench 35

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	ENE-WSW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	Plough scarring evident.
<i>Natural Subsoil</i>	Light Brown silty clay with occasional stones
<i>Finds</i>	None

Trench 36

<i>Dimensions:</i>	Length 50m and width 2.2m.
<i>Total Area:</i>	100m ²
<i>Excavated Orientation</i>	WNW-ESE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light orange brown silty clay with occasional stones and sandstone seams.
<i>Finds</i>	None

Trench 37

<i>Dimensions:</i>	Length 50m and width 2.2m.
<i>Total Area:</i>	100m ²
<i>Excavated Orientation</i>	WNW-ESE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	Pit from 16m-18.5m. Large sub-circular mining pit. Filled with mid brown silty clay. Another pit from 28m-30.7m. Sub circular, filled with dark grey shale and dark brown clay.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange brown silty clay with occasional stones and sandstone seams.
<i>Finds</i>	None

Trench 38

<i>Dimensions:</i>	Length 50m width 2.2m.
<i>Total Area:</i>	100m ²
<i>Excavated Orientation</i>	ESE-WNW
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features</i>	Mine Pit at 28m, 2.6 diameter filled with dark brown grey silty clay and coal and stones.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange brown silty clay with occasional stones and sandstone seams.
<i>Finds</i>	None

Trench 39

<i>Dimensions:</i>	Length 50m width 2.2m
<i>Total Area:</i>	100m ²
<i>Excavated Orientation</i>	WNW ESE
<i>Soil Make-up:</i>	Light reddish brown plough-soil with inclusions of coal flecks and small stones.
<i>Significant Features:</i>	Mine pit at 21m, 3.5m across filled with mostly dark grey shale and coal and dark grey brown silty clay.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange brown silty clay with occasional stones and sandstone seams.
<i>Finds</i>	None

Field B**Trench 1**

<i>Dimensions:</i>	Length 100m and width 2.2m.
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	NNE-SSW
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Orange sandy clay with patches of coal dust.
<i>Finds</i>	Numerous white ceramics.

Trench 2

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SSW-NNE
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	Broad rig at 4m SW-NE 2.2m wide 0.12.2m in depth
<i>Quarry pit/ mine shaft at 30m-33.5m filled with shattered stone. Circular shape.</i>	
	Linear cut at 37.5 filled with the same as pit.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Orange sandy clay.
<i>Finds</i>	White Ceramics

Trench 3

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SSW-NNE
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	Pit at 70-75m
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Orange sandy clay.
<i>Finds</i>	None

Trench 4

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SSW-NNE
<i>Soil Make-up:</i>	Grey brown plough-soil with inclusions of coal/ ceramics etc.

<i>Significant Features</i>	Pit at 20m, 4m in length.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Compact orange brown clay
<i>Finds</i>	None

Trench 5

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SSW-NNE
<i>Soil Make-up:</i>	Mid Grey Brown clay loam.
<i>Significant Features:</i>	Burnt/ heat affected soil at 20m.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Orange clay sand.
<i>Finds</i>	None

Trench 6

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SSW-NNE
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	Mining pit/ quarry at 80m-filled with grey clay and shattered sandstone. Natural? Probably quarry fill.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Orange clay sand.
<i>Finds</i>	None

Trench 7

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SSW-NNE
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features:</i>	Pit (mining) at 80 3m wide.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Orange clay sand. Heavily disturbed mixed with grey boulder clay.
<i>Finds</i>	None

Trench 8

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SSW-NNE
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mixed sand/clay.
<i>Finds</i>	None

Trench 9

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None

<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Orange sandy clay. Disturbed to E.
<i>Finds</i>	White Ceramics

Trench 10

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain at 12.2m SSW-NNE
<i>Natural Subsoil</i>	Orange sandy clay. Disturbed to E
<i>Finds</i>	White Ceramics

Trench 11

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Pale brown sandy clay-some plough scarring
<i>Finds</i>	White ceramics

Trench 12

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Pale brown sandy clay-some plough scarring
<i>Finds</i>	White ceramics

Trench 13

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Pale brown sandy clay-some plough scarring
<i>Finds</i>	White ceramics

Trench 14

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Pale brown sandy clay-some plough scarring
<i>Finds</i>	None

Trench 15

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Pale brown sandy clay-some plough scarring
<i>Finds</i>	White ceramics

Trench 16A

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Pale brown sandy clay-some plough scarring
<i>Finds</i>	White ceramics

Trench 16B

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	S-N
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Yellow orange compact clay
<i>Finds</i>	None

Trench 17

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	S-N
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Yellow orange compact clay
<i>Finds</i>	None

Trench 18

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	S-N
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Heavily disturbed orange brown sandy clay
<i>Finds</i>	None

Trench 19

<i>Dimensions:</i>	Length 100m width 2.2
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SE-NW
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Heavily disturbed orange brown sandy clay
<i>Finds:</i>	White Ceramics

Trench 20

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Compact orange brown sandy boulder clay
<i>Finds</i>	None

Trench 21

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Compact orange brown sandy boulder clay
<i>Finds</i>	White Ceramics

Trench 22

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SW-NE
<i>Soil Make-up:</i>	Grey brown plough-soil with mining debris-shattered sandstone/coal dust at 0-7m.
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Compact orange brown sandy boulder clay
<i>Finds</i>	White Ceramics

Trench 23

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	White Ceramics

Trench 24

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	White Ceramics

Trench 25

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	None

Trench 26

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain E-W at 45m
<i>Natural Subsoil</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	None

Trench 27

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain E-W at 40m
<i>Natural Subsoil</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	None

Trench 28

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain E-W at 50m
<i>Natural Subsoil</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	White Ceramics

Trench 29

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain E-W at 50m
<i>Natural Subsoil:</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	White Ceramics

Trench 30

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain E-W at 35m
<i>Natural Subsoil:</i>	Soft orange brown sandy clay. Outcroppings of a sandstone.
<i>Finds</i>	White Ceramics

Trench 31

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Dark brown/blackish silty clay with occasional stone and white ceramic.
<i>Significant Features</i>	None
<i>Other Features</i>	17.7m-30.5m bright orange chemical waste spread. Large area of cut and backfill due to mining/quarrying investigations from 35m-55m.
<i>Natural Subsoil</i>	
<i>Finds</i>	White ceramics

Trench 32

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble drain at 45m N-S
<i>Natural Subsoil:</i>	Compact orange brown sandy clay.
<i>Finds</i>	None

Trench 33

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation:</i>	E-W
<i>Soil Make-up:</i>	Grey brown plough-soil
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	
<i>Finds</i>	None

Field B/C**Trench 1**

<i>Dimensions:</i>	Length 100m Width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Compact orange brown sandy clay
<i>Finds</i>	None

Trench 2

<i>Dimensions:</i>	100m 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up.</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Compact orange brown sandy clay.
<i>Finds</i>	None

Trench 3

<i>Dimensions:</i>	100m 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	Infilled quarry scoop at 15m
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Compact orange brown sandy clay.
<i>Finds</i>	White Ceramics

Trench 4

<i>Dimensions:</i>	Length 30m width 2.2m
<i>Total Area:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Excavated Orientation:</i>	WNW-ESE
<i>Soil Make-up:</i>	Modern dump. Depth 0.6m. Ceases at 17m
<i>Significant Features</i>	0-11.4m Quarry Backfill of light orange redeposited clay and stone. Quarry cut at 11.4m-13.8m running E-W. 17m-27m- modern dump-including white glazed ceramics glass bottles and a newspaper from 1937 and coal waste and shale.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Compact orange brown sandy clay
<i>Finds</i>	None

Trench 5

<i>Dimensions:</i>	Length 70m width 2.2m
<i>Total Area:</i>	140m ²
<i>Excavated Orientation</i>	NW-SE
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	Quarry edge at 56m. Backfill from there on consisting of dark black shale and coal waste stones soil and 20 th century glass and ceramic and bricks
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange brown silty clay with bedrock outcrops and fragments of sandstone.
<i>Finds</i>	None

Trench 6

<i>Dimensions:</i>	Length 60m width 2.2m
<i>Total Area:</i>	132m ²
<i>Excavated Orientation</i>	NE-SW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	None.
<i>Other Features</i>	B-Horizon of silty coal ash waste directly overlying natural
<i>Natural Subsoil:</i>	Light orange brown silty clay .
<i>Finds</i>	None

Trench 7

<i>Dimensions:</i>	Length 8.5m width 2.2m
<i>Total Area:</i>	18.7m ²
<i>Excavated Orientation</i>	NNE-SSW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	Remains of truncated brick floor at 0.5m – 2.5m and again at 4.5m – 5m, set into coal ash. Grass banks visible in ground believed to be walls, however, no walls in trench.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange brown silty clay with coal flecks
<i>Finds</i>	None

Trench 8

<i>Dimensions:</i>	Length 6.5m width 2.2m
<i>Total Area:</i>	14.3m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	Modern dump, same as trench 4.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	None
<i>Finds:</i>	Light bulb, modern glass bottles, modern ceramic, wood, newspapers.

Trench 9

<i>Dimensions:</i>	Length 50m width 2.2m
<i>Total Area:</i>	110m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	Modern dump from 0-50m Dump 2.4 m deep at 50m.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	
<i>Finds</i>	None

Field C**Trench 1**

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	NE-SW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	Pit at 70m. Sub circular- cut through B-horizon. Modern, 2.2m in diameter.
<i>Other Features</i>	None

<i>Natural Subsoil</i>	Light brown orange silty clay with occasional stones and occasional bedrock.
<i>Finds</i>	White Ceramic

Trench 2

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	NE-SW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	Large modern disturbance to NW of trench filled with coal stone and soil. Occasional Victorian roof tile/ land drain fragments running NW-SE at 55m
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light brown orange silty clay with occasional stones and occasional bedrock.
<i>Finds</i>	Modern Ceramic and coal inclusions

Trench 3

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	NE-SW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	Large hollow to SW end of trench-has filled in with shale, coal and soil.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	None
<i>Finds</i>	None

Trench 4

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	NE-SW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features:</i>	Three disturbances-two circular pits, one 1.4m diameter, other 2.3m. Sub circular and filled with coal and shale and Victorian ceramics. Square feature- coal seam.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	None
<i>Finds</i>	None

Trench 5

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	NE-SW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	At 7.7-10.6m- Large sub circular cut filled with coal waste- mining pit, modern. At 23.3m-25.5m large circular cut- filled in with coal waste-mining pit-modern. Irregular shaped cut 37.6-39.3m. Coal waste fill and sandstone. Squarish cut at 48.6-52.2 filled with coal waste. Circular cut at 53.5-57.8 sandstone and coal waste fill.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light cream/grey from 10m then bands of sandstone for 10m then light orange brown silty clay with stones.
<i>Finds</i>	None

Trench 6

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	NE-SW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	12.8-17.6 Large sub circular pit-mining.
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Red/ brown clay with sandstone deposits changing to mid brown sandy clay with stones at 45m
<i>Finds</i>	None

Trench 7

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	E-W
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	Mining pit at 90-92.6m
<i>Other Features</i>	None
<i>Natural Subsoil:</i>	Light orange/brown clayey silt including stones and occasional bands of sandstone.
<i>Finds</i>	None

Trench 8

<i>Dimensions:</i>	Length 65m width 2.2m
<i>Total Area:</i>	143m ²
<i>Excavated Orientation</i>	ENE-WSW
<i>Soil Make-up:</i>	Light brown/grey silty sand with coal flecks and modern ceramic
<i>Significant Features</i>	45m-49m sub circular pit-mining.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Light orange/brown clayey silt including stones and occasional bands of sandstone.
<i>Finds</i>	None

Trench 9

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	E-W
<i>Soil Make-up:</i>	Dark greyish brown clay silt
<i>Significant Features</i>	3m diameter pits at 9m, 60m, 69m and 77m
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Orangey brown silty clay occasional small stones and coal seams.
<i>Finds</i>	None

Trench 10

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	E-W
<i>Soil Make-up:</i>	Dark greyish brown clay silt
<i>Significant Features</i>	Pit at 25m
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orangey brown silty clay, coal seam.
<i>Finds</i>	None

Trench 11

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	E-W
<i>Soil Make-up:</i>	Dark greyish brown clay silt
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orangey brown clay silt, frequent small stones
<i>Finds</i>	None

Trench 12

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	E-W
<i>Soil Make-up:</i>	Dark greyish brown clay silt
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orangey brown clay silt, occasional stones
<i>Finds</i>	None

Trench 13

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	200m ²
<i>Excavated Orientation</i>	E-W
<i>Soil Make-up:</i>	Dark greyish brown clay silt
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orangey brown clay silt
<i>Finds</i>	None

Trench 15

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SW-NE
<i>Soil Make-up:</i>	Topsoil-dark greyish brown clay silt. Subsoil-dark reddish-brown clay silt, sterile about 0.2.2m.
<i>Significant Features</i>	3 sub circular mining pits cut into subsoil. At 7m, 20m and 50m.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid reddish-brown clay silt, occasional stones.
<i>Finds</i>	None

Trench 16

<i>Dimensions:</i>	Length 100m width 2.2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation:</i>	W-E
<i>Soil Make-up:</i>	Dark greyish brown clay silt.
<i>Significant Features</i>	Mining pit at 55m and coal seam at 63m
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid brown-reddish clay silt, occasional stone inclusions
<i>Finds</i>	None

Trench 17

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	SW-NE
<i>Soil Make-up:</i>	Dark greyish brown clay silt.
<i>Significant Features</i>	Quarry pits 20m, 40m, 50m, 60m and 95m
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid reddish-brown clay silt.
<i>Finds</i>	None

Trench 18

<i>Dimensions:</i>	Length 50m width 2.2m
<i>Total Area:</i>	110m ²
<i>Excavated Orientation:</i>	SW-NE
<i>Soil Make-up:</i>	Dark greyish brown clay silt.
<i>Significant Features</i>	Circular pits at 0m and 20m.
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orange brown clay silt
<i>Finds</i>	None

Trench 19

<i>Dimensions:</i>	Length 100m width 2.2m
<i>Total Area:</i>	220m ²
<i>Excavated Orientation</i>	N-S
<i>Soil Make-up:</i>	Dark greyish brown clay silt
<i>Significant Features</i>	Quarry pits at 10m, 40m, 70m and 95m
<i>Other Features</i>	None
<i>Natural Subsoil</i>	Mid orangey brown clay silt with frequent small stones
<i>Finds</i>	None

APPENDIX 2: Digital Photographic Register

Camera 1

Photo No.	Trench	Description
1		REG
2	1	Px Trench 1 (Field A)
3	2	Px Trench 2 (Field A)
4	3	Px Trench 3 (Field A)
5	4	Px Trench 4 (Field A)
6	5	Px Trench 5 (Field A)
7	6	Px Trench 6 (Field A)
8	7	Px Trench 7 (Field A)
9	8	Px Trench 8 (Field A)
10	9	Px Trench 9 (Field A)
11	10	Px Trench 10 (Field A)
12	11	Px Trench 11 (Field A)
13	12	Px Trench 12 (Field A)
14	13	Px Trench 13 (Field A)
15	14	Px Trench 14(Field A)
16	15	Px Trench 15 (Field A)
17	1	(Field B)
18	2	Mine shaft quarry pit [201] (Field B)
19	2	Linear [203] (Field B)
20	2	Px shot (Field B)
21	3	Px shot (Field B)
22	3	Pit [301] Gen Shot (Field B)
23	4	Px shot (Field B)
24	5	Px shot (Field B)
25	6	Px shot (Field B)
26	7	Px shot (Field B)
27	8	Px shot (Field B)
28	9	Px shot (Field B)
29	10	Px shot (Field B)
30	11	Px shot (Field B)
31	12	Px shot (Field B)
32	13	Px shot (Field B)
33	14	Px shot (Field B)
34	15	Px shot (Field B)
35	16	Px shot (Field B)
36	17	Px shot (Field B)
37	18	Px shot (Field B)

38	19	Px shot (Field B)
39	20	Px shot (Field B)
40	21	Px shot (Field B)
41	22	Px shot (Field B)
42	18	Px shot (Field 2)
43	24	Px shot (Field 2)
44	25	Px shot (Field 2)
45	26	Px shot (Field 2)
46	27	Px shot (Field 2)
47	28	Px shot (Field 2)
48	29	Px shot (Field 2)
49	30	Px shot (Field 2)
50	31	Px shot (Field 2)
51	32	Px shot (Field 2)
52	33	Px shot (Field 2)
53	34	Px shot (Field 2)
54	36	Px shot (Field 2)
55-56	37	Pre-ex mining pit (Field 2)
57	37	Section of pit (Field 2)
58	37	Post ex pit (Field 2)
59	37	Post ex trench 37 (Field 2)
60	7	Px shot (Field D)
61	6	Px shot (Field D)
62	5	Px shot (Field D)
63	4	Px shot (Field D)
64	3	Px shot (Field D)
65	2	Px shot (Field D)
66	1	Px shot (Field D)
67-70		Pre-ex of field BC buildings
71-72		Newspapers dating from 1937 from Trench 4 (Field BC)
73	4	Modern dump in trench 4 (Field BC)
74	4	Working shot (Field BC)
75	4	Post ex (Field BC)
76	8	NW Facing Section (Field BC)
77	8	Post ex shot (Field BC)
78	9	NW Facing section dump in T9(Field BC)
79	9	NW Facing section dump in T9(Field BC)
80	0	Post ex BCT9
81	7	Shot of brick floor in T 7 (Field BC)
82	7	Shot of brick floor in T 7 (Field BC)
83	7	Overview of T7 (Field BC)

84	7	Post ex brick floor in T7 (Field BC)
85	7	Post ex brick floor in T7 (Field BC)
86	5	Post ex shot (Field BC)
87	6	Post ex shot (Field BC)
88		
89	14	Post ex (Field D)
90	8	Post ex (Field D)
91	9	Post ex (Field D)
92	10	Post ex (Field D)
93	11	Post ex (Field D)
94	12	Post ex (Field D)
95	12	Mining Shaft view
96	13	Post ex (Field D)

Camera 2

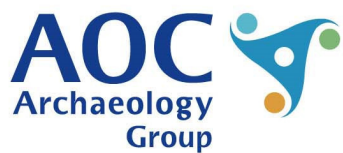
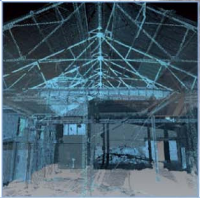
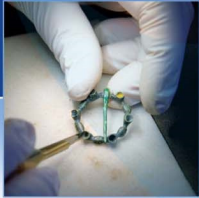
Photo No.	Trench	Description	Taken From
1	23	Post ex Trench 23 (Field B)	S
2	24	Post ex (Field B)	S
3	25	Post ex (Field B)	S
4	26	Post ex (Field B)	S
5	27	Post ex (Field B)	S
6	28	Post ex (Field B)	S
7	29	Post ex (Field B)	S
8	30	Post ex (Field B)	S
10	32	Post ex (Field B)	S
11	1	Post ex (Field BC)	S
12	2	Post ex (Field BC)	S
14	3	Post ex (Field BC)	S

Camera 3

Photo No.	Trench	Description	Taken From
1	15	General view of trench (Field D)	W
2	16	General view of trench (Field D)	W
3	17	General view of trench (Field D)	W
4	18	General view of trench (Field D)	E
5	19	General view of trench (Field D)	N

APPENDIX 3: 'Discovery and Excavation in Scotland' Report

LOCAL AUTHORITY:	Edinburgh
PROJECT TITLE/SITE NAME	Station Road, Gilmerton
PROJECT CODE:	AOC 24165
PARISH:	Edinburgh
NAME OF CONTRIBUTOR:	Jessica Lowther
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S)	None
SITE/MONUMENT TYPE(S):	N/A
SIGNIFICANT FINDS:	N/A
NGR (2 letters, 6 figures)	NT 29400 68200
START DATE (this season)	30 th April 2018
END DATE (this season)	8 th May 2018
PREVIOUS WORK (incl. DES ref.)	Evaluation and Excavation – Gilmerton South Farm
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p><i>A programme of phased archaeological works was required in advance of a proposed residential development on land at Station Road, Gilmerton, Edinburgh. CECAS (City of Edinburgh Council Archaeology Service) required a 10% evaluation of the 23ha development area which equated to 11,000 linear metres. Despite the presence of a farm track running through the development area a total of 21,478.6m² of evaluating trenching was excavated.</i></p> <p><i>The evaluation revealed an industrial landscape consisting of a series of sub circular mining pits, a backfilled quarry and the remains of a small building.</i></p> <p><i>Due to several archaeological features encountered during the evaluation it likely that further work may be required to sufficiently record the extent of the archaeological landscape. The need and scope for further works is to be confirmed by CECAS (City of Edinburgh Council Archaeology Service).</i></p>
PROPOSED FUTURE WORK:	Yes
CAPTION(S) FOR ILLUSTRS:	---
SPONSOR OR FUNDING BODY:	Persimmons Homes Barratt Homed
ADDRESS OF MAIN CONTRIBUTOR:	Edgefield Road Industrial Estate, Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocarchaeology.com
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS



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