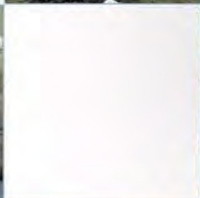
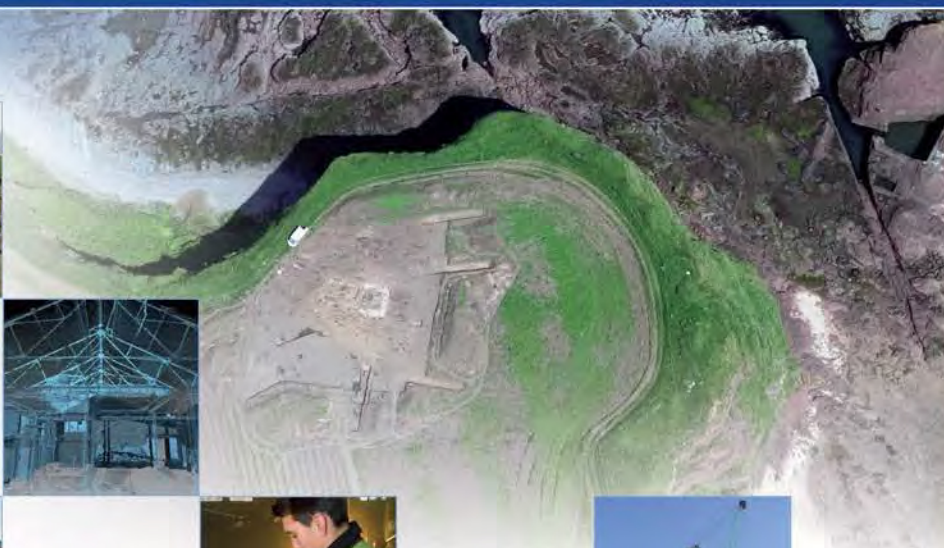


Newtonlees, Dunbar: Archaeological Evaluation Report

*AOC Project 23096
30th September 2015
OASIS No. 225406*



Newtonlees, Dunbar, East Lothian Archaeological Evaluation Report

On Behalf of:

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National Grid Reference (NGR):

NT 68735 77915

AOC Project No:

23096

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

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Summary

AOC Archaeology Group was commissioned by Robertson Homes Ltd and Bett Homes to conduct an archaeological evaluation prior to the construction of a residential development on open farmland at Newtonlees, Dunbar.

A 10% evaluation of the 9.8 ha site was conducted comprising of 4500 linear metres of trenching. The evaluation revealed a simple stratigraphic sequence of agricultural topsoil overlying natural varied glacial till.

No significant archaeological remains were uncovered during the evaluation. No further archaeological works are therefore considered necessary.

1 INTRODUCTION

1.1 Site Background

- 1.1.1 AOC Archaeology Group was commissioned by Robertson Homes Ltd to undertake an archaeological evaluation prior to the construction of a new housing development at Newtonlees, Dunbar, East Lothian. The evaluation was undertaken in order to satisfy the requirements of the local planning authority, East Lothian Council (ELC) who are advised on archaeological matters by the East Lothian Council Archaeology Service (ELCAS).
- 1.1.2 The archaeological works were conducted in accordance with the principles set out in *Scottish Planning Policy* (2010) & *Planning and Archaeology 2/2011* (2011).

1.2 Site Location

- 1.2.1 The proposed development area is a large rectangular field in use as arable land lying on the southeastern edge of Dunbar. The eastern edge of the site is formed by the A1087 road and the western side by the main London to Edinburgh east coast railway. To the north there are established residential properties belonging to Beachmont Place. The remaining boundary to the south is marked by Newtonlees Farm and associated access track and cottages. The site covers c. 11 ha of pasture field and is centered at NGR: NT 68735 77915 (Figure 1).

1.3 Archaeological background

- 1.3.1 According to the RCHAMS database there are no known sites of archaeological interest within the development area. However, within a couple of hundred yards of the site there is a selection of sites noted by the RCAHMS. A short distance to the northeast there is the Scheduled Monument, (SM No.8753) 'Samoya' enclosure, a cropmark site believed to be a prehistoric settlement. To the south east the RCAHMS notes a milepost (NMRS No. NT67NE 548) and a similar distance to the south the site of a now removed dovecot (NMRS No. NT67NE 57).
- 1.3.2 Also the development area lies right on the edge of the area encompassed by the 1650 Battle of Dunbar with the English army deploying on the day of the battle from the area around Newtonlees Farm. It is possible that artefacts from this army of some 10,000 foot soldiers and 5000 cavalry are present within the site boundaries.

2 OBJECTIVES

- 2.1 The objectives of the archaeological evaluation were:
- i) to determine and assess the character, extent, condition, quality, date and significance of any buried archaeological remains within the proposed development area through evaluation trenching;
 - ii) to advise and implement an appropriate form of archaeological mitigation, such as excavation, post-excavation analyses and publication, should significant archaeological remains be encountered that cannot be preserved *in situ*.

3 METHODOLOGY

- 3.1 The council required a 10% evaluation on the c. 11 ha (110,000 m²) field of the development site. This area however was reduced on consultation with ELCAS as the western edge of the site had already seen substantial disturbance due to the large East Coast Railway embankment. As such a total area of 9.8 ha was evaluated, requiring 9,800 m² (4900 linear meters) of trenching.

- 3.2 This was carried out with a tracked 360 excavator equipped with a 2.2 m wide flat bladed ditching bucket. Excavation was undertaken in units/spits until the first significant archaeological horizon or natural subsoil was reached. All machine excavation was supervised by an experienced field archaeologist and according to AOC Archaeology Group's standard operating procedures, and as per the methodology within the *Written Scheme of Investigation* (AOC 2015). The trenches were then immediately backfilled leaving no trenches open overnight.

4 RESULTS

- 4.1 All archaeological works were conducted between the 14th and 29th of September 2015. Weather conditions were varied with days of heavy rain and days of bright sunshine. Despite this the archaeological visibility remained good throughout. The following results should be read in conjunction with the appendices:

Appendix 1: Evaluation Trench Descriptions

Appendix 2: Photographic Register

Appendix 3: reproduces the 'Discovery and Excavation in Scotland' entry



Plate 1 Trench 10 post excavation

- 4.2 The evaluation comprised of 48 trenches laid out to a pre-arranged trenching pattern, as best possible, to comprehensively cover the field. These trenches revealed a fairly simple stratigraphic sequence of brown/red agricultural topsoil of humic sandy clay between 0.30 and 0.50 m in depth with a covering of corn stubble. Below this was a thin band of compressed topsoil and natural subsoil mixed by deep plough action. The natural subsoil was a natural glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock. Deep plough marks frequently scarred this material orientated both north-south and east-west. This deposit was free draining with only few field drains located within the thicker clay deposits in natural depressions of the field.
- 4.3 No significant archaeological features or finds were uncovered in any of the trenches excavated.

5 CONCLUSION AND RECOMMENDATIONS

- 5.1 The proposed development site was subject to a full and comprehensive archaeological evaluation in which no significant archaeological remains were discovered. As such no further work on site is considered necessary. This is a recommendation pending approval by ELCAS on behalf of East Lothian Council.

6 REFERENCES

AOC, 2015, *Newtonlees, Dunbar, Evaluation: Written Scheme of Investigation*, Unpublished client report

Scottish Government, 2010, *Scottish Planning Policy*, February 2010.

Scottish Government, 2011, *Planning And Archaeology 2/2011*.

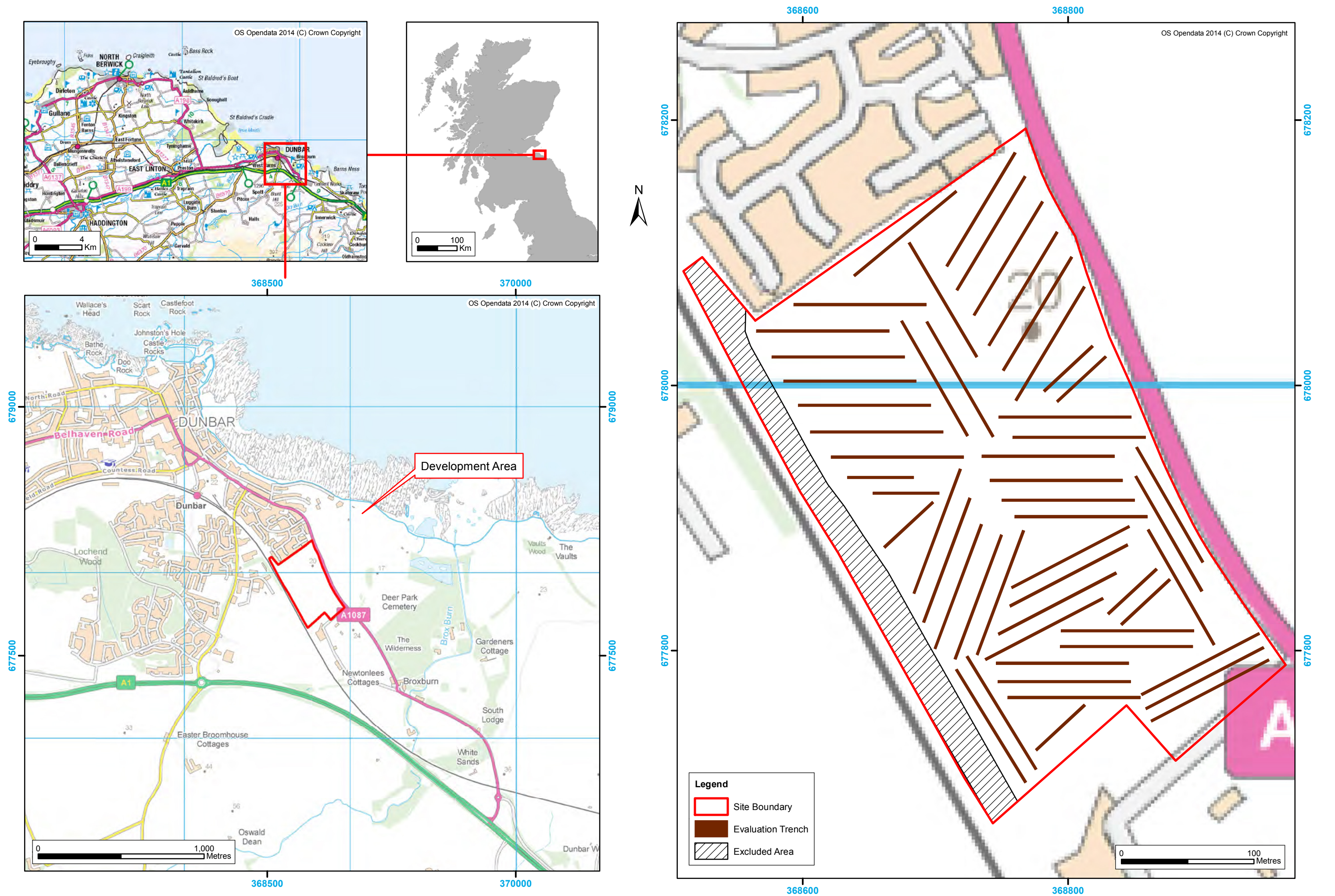


Figure 1: Site Location Plan

Newtonlees, Dunbar: Archaeological Evaluation Data Structure Report

Section 2: Appendices

APPENDIX 1: Evaluation Trench Descriptions

Trench 1

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.35m – 0.5m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 2

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 3

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 4

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.35m – 0.5m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and rubble drain orientation N-S at the West end of the trench. Contained broken fragments of red brick.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 5

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 6

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 7

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars rubble drain orientation N-S at the West end of the trench. Contained broken fragments of red brick.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and pale yellow sandy clay both with white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 8

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact orange/brown sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 9

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.45m

<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 10

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 11

<i>Length</i>	50m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and rubble drain at west end.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of solid orange/yellow sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 12

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 13

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.3m – 0.45m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.

<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 14

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.4m – 0.5m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and two ceramic drains in natural depression at 45-47m. Rubble drain at north west end of trench.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 15

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.3m – 0.45m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and two ceramic drains in a natural depression in the middle of the trench. Rubble drain at SE end.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 16

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 17

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.35m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars. Possible feature investigated at 64m. found to be tree roots.

<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 18

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.25m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 19

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.25m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock. Very solid pink/white rock at high point in the field. Possible bedrock.
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 20

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock.
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 21

<i>Length</i>	50m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.35m – 0.5m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.

<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 22

<i>Length</i>	50m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 23

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 24

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.35m – 0.5m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and rubble drain orientation N-S at the West end of the trench. Contained broken fragments of red brick.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 25

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 26

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	N-S
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 27

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars rubble drain orientation N-S at the West end of the trench. Contained broken fragments of red brick.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact red/pink sandy clay and pale yellow sandy clay both with white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 28

<i>Length</i>	50m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of compact orange/brown sandy clay and white rock fragments
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 29

<i>Length</i>	50m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.45m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 30

<i>Length</i>	100m
<i>Width</i>	2.2m

<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 31

<i>Length</i>	50m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and rubble drain at west end.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of solid orange/yellow sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 32

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 33

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.3m – 0.45m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 34

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.4m – 0.5m
<i>Significant Features</i>	None

<i>Other Features</i>	Plough Scars and two ceramic drains in natural depression at 45-47m. Rubble drain at north west end of trench.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 35

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.3m – 0.45m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and two ceramic drains in a natural depression in the middle of the trench. Rubble drain at SE end.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 36

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 37

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.35m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars. Possible feature investigated at 64m. found to be tree roots.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 38

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.25m – 0.4m

<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 39

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.25m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock. Very solid pink/white rock at high point in the field. Possible bedrock.
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 40

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock.
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 41

<i>Length</i>	50m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and rubble drain at west end.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of solid orange/yellow sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 42

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	E-W
<i>Top-soil Depth</i>	0.3m – 0.35m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars

<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 43

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.3m – 0.45m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 44

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.4m – 0.5m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and two ceramic drains in natural depression at 45-47m. Rubble drain at north west end of trench.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 45

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NW-SE
<i>Top-soil Depth</i>	0.3m – 0.45m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars and two ceramic drains in a natural depression in the middle of the trench. Rubble drain at SE end.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks. Lots of organic material and inclusions of modern rubbish, 19 th /20 th century ceramics, glass, animal bone, iron, etc.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 46

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.3m – 0.4m
<i>Significant Features</i>	None

<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 47

<i>Length</i>	100m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.35m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars. Possible feature investigated at 64m. found to be tree roots.
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

Trench 48

<i>Length</i>	125m
<i>Width</i>	2.2m
<i>Orientation</i>	NE-SW
<i>Top-soil Depth</i>	0.25m – 0.4m
<i>Significant Features</i>	None
<i>Other Features</i>	Plough Scars
<i>Topsoil</i>	Medium brown/purple/red sandy clay with small rounded rocks.
<i>Subsoil</i>	Glacial till deposit of varied bands of red, pink, orange, and yellow sand and gravel with spreads of thicker sandy clay and fragmented white rock
<i>B-Horizon</i>	Thin band of mixing, less than 0.1m thick.
<i>Finds</i>	none

APPENDIX 2: Photographic register

Frame	Description	From
1	Registration shot	-
2	Trench 1 post excavation	W
3	Trench 2 post excavation	W
4	Trench 3 post excavation	W
5	Trench 4 post excavation	SW
6	Trench 5 post excavation	N
7	Trench 6 post excavation	N
8	Trench 7 post excavation	E
9	Trench 8 post excavation	W
10	Trench 9 post excavation	E
11	Trench 10 post excavation	W
12	Trench 11 post excavation	W
13	Trench 12 post excavation	E
14-15	Trench 13 deposits. Topsoil over natural.	E
16	Trench 13 post excavation	N
17	Trench 14 post excavation	N
18	Trench 15 post excavation	NW
19	Trench 16 post excavation	NE
20	Trench 17 post excavation	NE
21	Trench 18 post excavation	NE
22-29	Possible feature in trench 17. Found to be Tree roots.	VARIOUS
30	Trench 19 post excavation	NE
31	Trench 20 post excavation	W
32	Trench 21 post excavation	W
33	Trench 22 post excavation	E
34	Trench 23 post excavation	W
35-37	Trench 24 section	N
38	Trench 24 post excavation	W
39	Trench 25 post excavation	W
40	Trench 26 post excavation	E
41	Trench 27 post excavation	E
42	Trench 28 post excavation	E
43	Trench 29 post excavation	E
44	Trench 30 post excavation	W
45	Trench 31 post excavation	NE
46-49	Topsoil over pink natural gravel Trench 32	Various
50	Trench 32 post excavation	SW

Frame	Description	From
51-53	Topsoil over boulder clay – Trench 27	S
54-55	Topsoil over pink sandy boulder clay in Trench 31	S
56-57	Topsoil over orange/yellow/brown boulder clay Trench 32	N
58-59	Southern half of field post evaluation – working shot	S
60	Trench 33 post excavation	SW
61	Trench 34 depth of deep topsoil at bottom of slope	W
62	Trench 34 post excavation	SW
63-64	Trench 35 – change in natural sand to boulder clay	SE
65	Trench 35 post excavation	SE
66	Trench 36 post excavation	W
67	Trench 37 post excavation	S
68	Rubble drain Trench 38	N
69	Trench 38 post excavation	N
70	Trench 39 post excavation	W
71-72	Rubble drains – Trench 40	SE
73	Trench 40 post excavation	S
74	Trench 41 post excavation	E
75	Trench 42 post excavation	E
76	Trench 43 post excavation	E
77	Trench 44 post excavation	E
78	Trench 45 post excavation	E
79	Trench 46 post excavation	E
80	Trench 47 post excavation	E
81	Rubble drain – Trench 48	S
82	Trench 48 post excavation	S
83-91	General shots of site post evaluation, all trenches backfilled	Various

APPENDIX 3: 'Discovery and Excavation in Scotland' (DES) Report

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME:	Newtonlees, Dunbar
PROJECT CODE:	23096
PARISH:	Dunbar
NAME OF CONTRIBUTOR:	Nicholas Johnstone
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Evaluation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	None
NGR (2 letters, 6 figures)	NT 68735 77915
START DATE (this season)	14 th September 2015
END DATE (this season)	29 th September 2015
PREVIOUS WORK (inc DES)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p><i>AOC Archaeology Group was commissioned by Robertson Homes Ltd to conduct and archaeological evaluation prior to the construction of a residential development on open farmland at Newtonlees, Dunbar.</i></p> <p><i>A 10% evaluation of the 9.8 ha site was conducted comprising of 4500 linear metres of trenching. The evaluation revealed a simple stratigraphic sequence of agricultural topsoil overlying natural varied glacial till.</i></p> <p><i>No significant archaeological remains were uncovered during the evaluation. No further archaeological works is therefore considered necessary.</i></p>
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRATIONS:	N/A
SPONSOR OR FUNDING BODY:	Robertson Homes Ltd. & Bett Homes
ADDRESS OF MAIN CONTRIBUTOR:	AOC Archaeology Group, Edgefield Road Industrial Estate, Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	admin@aocarchaeology.com
ARCHIVE LOCATION	Archive to be deposited in NMRS



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