

CFA Archaeology Ltd

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Geophysical Survey

Longyester Quarry, Gifford, East Lothian

Archaeological Monitored Strip

Report No. 3082

CFA ARCHAEOLOGY LTD

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This document has been prepared in accordance with CFA Archaeology Ltd standard operating procedures.

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1. INTRODUCTION

1.1 General

This report presents the results of an archaeological monitored strip undertaken by CFA Archaeology Ltd (CFA) at Longyester Quarry, Gifford, East Lothian (NT 52658 64362) (Fig. 1). The work was commissioned by Independent Aggregates Ltd and latterly Tillicoultry Quarries.

A Written Scheme of Investigation (WSI) dated 23 May 2012 was produced by CFA Archaeology Ltd. The WSI was designed to fulfil the requirements of the East Lothian Council Archaeology Service (ELCAS).

1.2 Background

An Environmental statement was produced by Wardell Armstrong for the planning application and this was supported by a programme of trial trenching undertaken by CFA Archaeology Ltd across the proposed extraction areas (O'Connell 2009). The final consented extraction area does not include the area of greatest archaeological significance as identified by assessment process. Within the consented area features of potential archaeological interest were only found in the western part of extraction area A (Area C in the evaluation). These were undated, shallow, apparently linear features. An archaeological Monitored Strip was recommended by ELCAS in this area.

1.3 Objectives

The objectives of the programme of archaeological works were

- To conduct an appropriate programme of archaeological investigation (monitored strip) to monitor topsoiling in the western part of extraction area A.
- To mitigate the effects of construction on any archaeological deposits or features identified through excavation and recording and produce a report on them.

2. WORKING METHODS

2.1 General

CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance for Archaeological Fieldwork. Recording of all elements followed established CFA methods, as detailed in the approved WSI.

2.2 Monitored Strip

The terms of the WSI required an appropriate programme of archaeological investigation (Monitored Strip) to monitor the removal of topsoil on to the clean undisturbed natural surface.

Excavation was undertaken with a 360° excavator fitted with a smooth-bladed ditching bucket, under constant archaeological supervision.

3. ARCHAEOLOGICAL RESULTS

3.2 Monitored Strip

Topsoil was uniformly thin across the area ranging between 0.1m thick at the top of the slope where it lay directly over natural, and up to c. 0.3m thick on the downslope parts of the area, and in places this lay over an agricultural subsoil.

None of the previously identified features could be relocated. No further archaeological features, artefacts or deposits were identified.

4. CONCLUSION

A monitored strip was carried out during topsoiling in advance of quarrying. No archaeological features or deposits were identified despite the results of the earlier phase of evaluation (O'Connell 2009) where potential archaeological features were discovered in Trenches 6, 5, 4, 11 and 15 (Fig. 2).

All the features recorded in the evaluation were interpreted as sections of possible linear ditches. Features **008**, **003** and **006** were aligned east to west and were interpreted as sections of the same feature, whereas features **010** and **012** displayed different alignments, although their fills were similar, and were interpreted as sections of different features. They varied in size from 0.4m wide to 1m wide and from 0.08m deep to 0.5m deep. Given the results of the monitored strip it is considered that these features probably represented isolated features rather than linear features running over any distance.

The project archive, comprising all CFA record sheets, plans and reports, will be deposited with the National Monuments Record of Scotland and copies of reports lodged with the East Lothian Council Archaeology Service (ELCAS).

A summary statement of the results of this watching brief will be submitted for publication in *Discovery and Excavation in Scotland* (Appendix 2).

5. REFERENCES

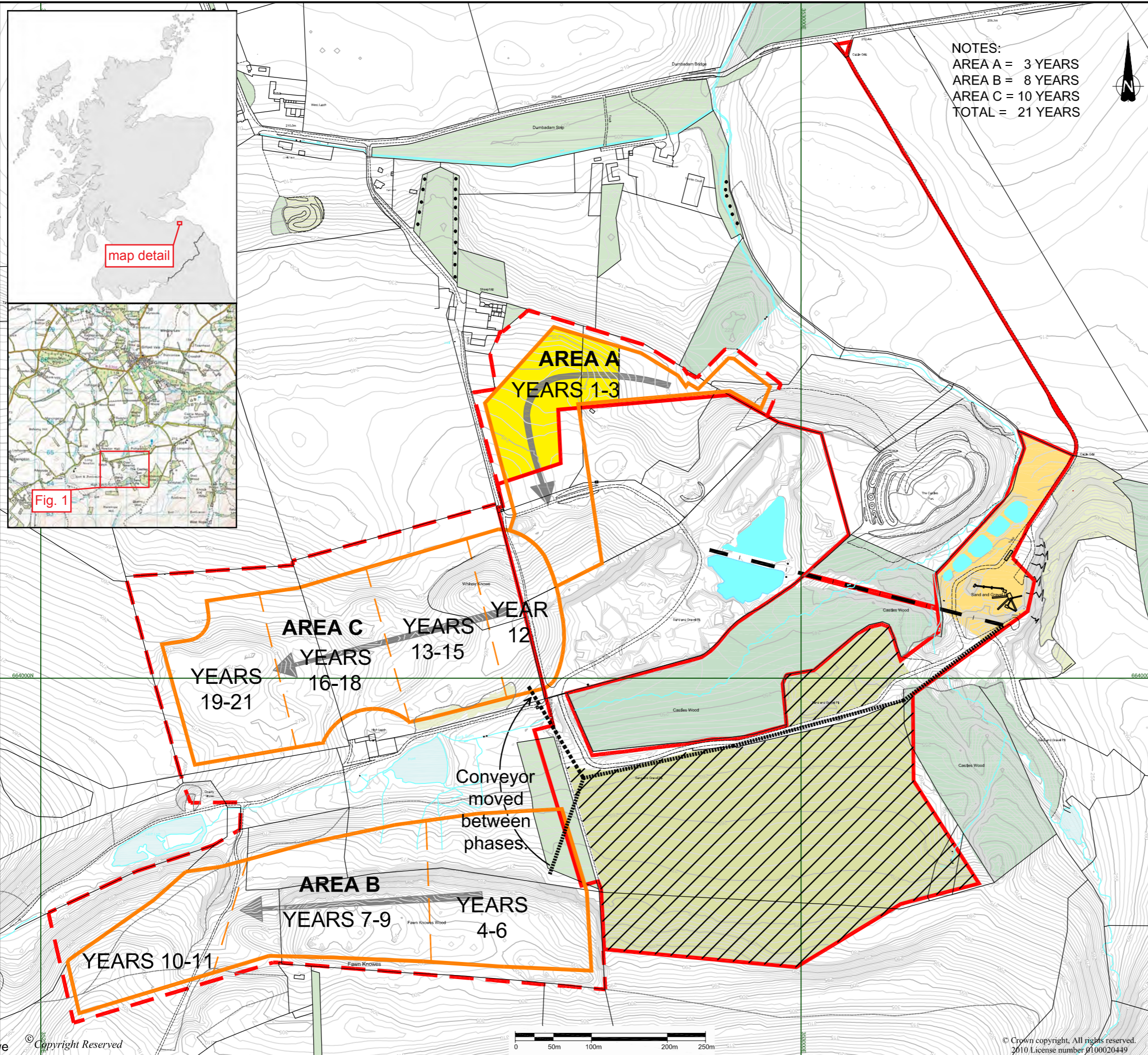
O'Connell, C, 2009 *Proposed Quarry Extension at Longyester, East Lothian. Archaeological Evaluation*. Data Structure Report No. 1613.

APPENDIX 1: Photographic Register

No.	Description	From
1	Pre-ex of site, N end	N
2	Workings shot showing sand	N
3	Pre-ex or S end of site	N
4	Course gravel natural	NE
5	Gravel natural and section showing shallow topsoil	S

APPENDIX 2: Discovery and Excavation in Scotland Entry

LOCAL AUTHORITY:	East Lothian Council
PROJECT TITLE/SITE NAME:	Longyester Quarry, East Lothian
PROJECT CODE:	YEST
PARISH:	Garvald and Bara
NAME OF CONTRIBUTOR:	Bruce Glendinning
NAME OF ORGANISATION:	CFA Archaeology Ltd
TYPE(S) OF PROJECT:	Monitored Strip
NMRS NO(S):	-
SITE/MONUMENT TYPE(S):	-
SIGNIFICANT FINDS:	-
NGR (2 letters, 10 figures)	NT 52658 64362
START DATE (this season)	
END DATE (this season)	
PREVIOUS WORK (incl. DES ref.)	N/A
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A monitored was carried out during topsoiling in advance of quarrying. No archaeological features or deposits were identified despite the results of an earlier phase of evaluation where potential archaeological features were recorded as possible linear ditches. Features in three of the trenches were aligned east to west and were interpreted as sections of possibly the same feature, whereas the other two features displayed different alignments, although their fills were similar, and were interpreted as sections of different features. Given the results of the monitored strip it is considered that these features probably represented isolated features rather than linear features running over any distance.
PROPOSED FUTURE WORK:	None
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Tillicoultry Quarries
ADDRESS OF MAIN CONTRIBUTOR:	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
EMAIL ADDRESS:	cfa@cfa-archaeology.co.uk
ARCHIVE LOCATION (intended/deposited)	National Monuments Record of Scotland (archive) East Lothian Council Archaeology Service (report)



NOTES:
 AREA A = 3 YEARS
 AREA B = 8 YEARS
 AREA C = 10 YEARS
 TOTAL = 21 YEARS



- Key:
- Boundary of existing sand and quarry site
 - Boundary of proposed extension area
 - Limited of proposed excavation area
 - Indicative phasing
 - Existing plant and office area
 - Existing conveyor
 - Proposed conveyor
 - Proposed direction of working
 - Existing settlement lagoon
 - Area previously restored
 - Area of proposed monitored strip

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Fig. No: 1 Revision: A


Title:
 Location of proposed monitored strip

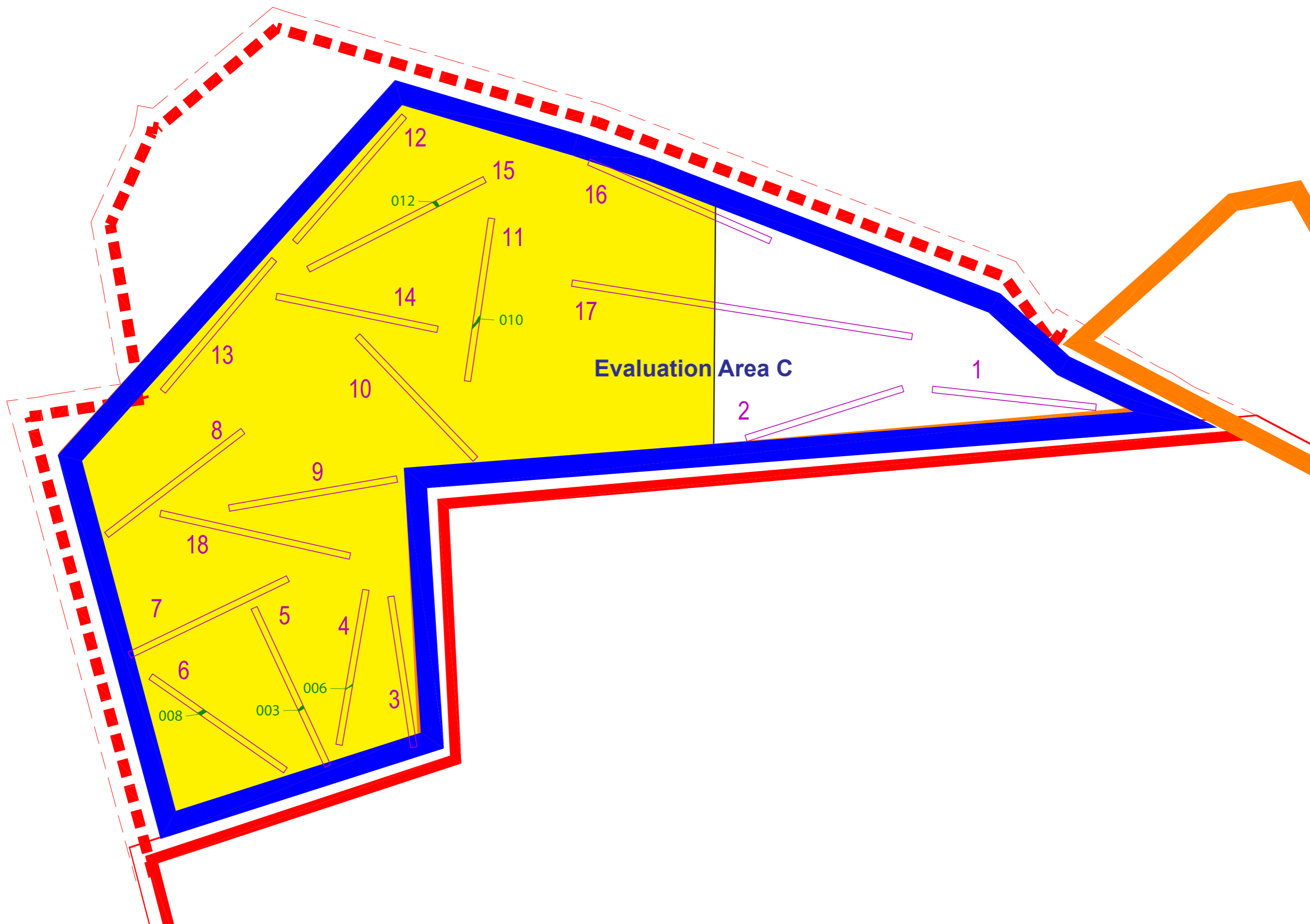
Project:
 Longyester Quarry

Scale at A3:
 1:5000

Client:
 Tillicoultry Quarries

Key:

-  CFA Trenches
-  Area of Monitored Strip
-  Archaeological Features




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Fig. No: 2 Revision: 0

Title: Location of potential archaeological features identified in evaluation

Project: Longyester Quarry

Scale: 1:1000 @ A3 



Client: Tillicoultry Quarries



Fig. 3 Sandy natural following stripping



Fig. 4 Gravel natural following stripping

Fig. No: 3-4		Revision: A	Project: Longyester Quarry Monitored Strip		
Drawn by: GC	Checked: KH	Report No: 3082	Client: Tillicoultry Quarries		

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