

# CFA Archaeology Ltd

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## **Neart Na Gaoithe Offshore Wind Farm Onshore Works**

**Site investigation in the vicinity of  
East Coast Mainline Railway**

**Archaeological Watching Brief**

**Report No. 3131**

## **CFA ARCHAEOLOGY LTD**

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Grid Ref	NU 73482 74809, NU 73518 74831

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

**Neart Na Gaoithe Offshore Wind Farm**  
**Onshore Works**  
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Fig. 3	Trial Pit 2, glacial till deposits ( <b>005, 006</b> ) below beach deposits ( <b>003</b> and <b>002</b> )

## **1. INTRODUCTION**

### **1.1 General**

This report presents the results of a watching brief undertaken by CFA Archaeology Ltd during site investigations for Neart Na Gaoithe Offshore Wind Farm Onshore Works in the vicinity of the East Coast mainline railway on the 25<sup>th</sup> of February 2014. The work was commissioned by Mainstream Renewable Power Ltd.

A Written Scheme of Investigation (WSI) dated 20 February 2014 was produced by CFA on behalf of Mainstream Renewable Power Ltd. The WSI was designed to fulfil the requirements of East Lothian Council Archaeology Service (ELCAS).

### **1.2 Background**

A short programme of site investigation works associated with the construction of the Neart Na Gaoithe Offshore Wind Farm Onshore Works (12/00922/PM) was required in the vicinity of the East Coast Mainline railway. This is in an area of archaeological sensitivity and the developer, Mainstream Renewable Power Ltd, decided to undertake a watching brief on the excavation of site investigation trial-pits.

### **1.3 Objectives**

The objectives of the programme of works were:

- To conduct an appropriate programme of archaeological investigation (watching brief) to monitor the excavation of site investigation test-pits down to undisturbed natural subsoil.
- To mitigate the effects of the site investigation works on any archaeological deposits or features identified through excavation and recording and produce a report on them.

## **2. WORKING METHODS**

### **2.1 General**

CFA follows the Institute for Archaeologists' Standards and Guidance and Code of Conduct.

### **2.2 Watching Brief**

Excavations were undertaken with JCB fitted with smooth-bladed ditching bucket, under constant archaeological supervision. All discoveries, including soil profiles and subsoil characteristics, were recorded using standard CFA recording forms and digital photography.

## **3. ARCHAEOLOGICAL RESULTS**

Context numbers are in bold and described in Appendix 1.

Trial-pit 1 measured 2.8m by 0.75m by 3.m deep; Trial-pit 2 measured 2.6m by 1.5m by 3.1m deep. There was no starter pit excavated for the borehole so nothing was monitored there. No archaeological features, deposits or artefacts were revealed in the two trial-pits (see Fig. 1 for locations).

A series of natural beach-derived deposits (**002**) were revealed in Trial-pit 1 below the topsoil (Fig. 2). Similar, though more degraded deposits, were revealed in Trial-pit 2 (**003, 004**) and below, layers of glacial till (**005, 006**) (Fig. 3).

## **4. CONCLUSION**

The watching brief revealed no archaeological remains within the trial-pits.

CFA recommend that no further work is required and that this report along with the *OASIS* and *Discovery and Excavation in Scotland* entries will be sufficient to disseminate the results of the watching brief.

The project archive, comprising all CFA record sheets, maps and reports, will be deposited with the RCAHMS and copies of reports will be lodged with the East Lothian Council Historic Environmental Record.

## 5. REFERENCES

British Geological Survey 1:50,000 map data

### APPENDIX 1: Context Register

Context No.	Description
001	Topsoil (Trial-pits 1 and 2), a mid greyish-brown clayey loamy silt, frequent pebbles 0.5-4cm dia. 0.35m thick.
002	Med reddish-brown gravel, 5mm-7cm, sub-rounded, 50% and medium to coarse sand, 50%. Below 001 in Trial-pit 1, natural raised beach deposit? 2.65m thick.
003	Med reddish-brown fine to medium sand, natural beach deposit. Below 001 in Trial-pit 2. 1.05m thick.
004	Clayey sand below 003. Medium dense with fine to coarse gravel and occasional boulders. 0.75m thick.
005	Orange-brown clayey silt below 004. 0.6m thick.
006	Gravelly clayey silt with boulders below 005. 0.3m + thick

### APPENDIX 2: Photographic Register

Number	Description	From	Conditions
001-003	Trial-pit 1 fully excavated	NW	Good
004	Shot of drilling rig for nearby borehole	W	Good
005	Starting to excavate Trial-pit 2	NW	Good
006	Shot showing interface between topsoil and natural layer (003), Test -pit 2	NW	Good
007	Sand (003), Trial-pit 2	NW	Good
008-9	General shots of Trial-pit 2	NW	Good
010	Shot looking into Trial-pit 2	SW	Good
011	Shot looking into Trial-pit 2	W	Good
012	Trial-pit 2 fully excavated	W	Good

### APPENDIX 3: Discovery and Excavation in Scotland Entry

<b>LOCAL AUTHORITY:</b>	East Lothian
<b>PROJECT TITLE/SITE NAME:</b>	Near Na Gaoithe Offshore Wind Farm Onshore Works Site investigation in the vicinity of East Coast Mainline Railway
<b>PROJECT CODE:</b>	NENG2
<b>PARISHES:</b>	Innerwick
<b>NAME OF CONTRIBUTOR:</b>	Tamlin Barton
<b>NAME OF ORGANISATION:</b>	CFA Archaeology Ltd
<b>TYPE(S) OF PROJECT:</b>	Watching Brief
<b>NMRS NO(S):</b>	-
<b>SITE/MONUMENT TYPE(S):</b>	Railway
<b>SIGNIFICANT FINDS:</b>	None
<b>NGR (2 letters, 6 figures)</b>	NU 73482 74809, NU 73518 74831
<b>START DATE (this season)</b>	25 <sup>th</sup> February 2014
<b>END DATE (this season)</b>	25 <sup>th</sup> February 2014
<b>PREVIOUS WORK (incl. DES ref.)</b>	None
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (May include information from other fields)	An Archaeological watching brief was undertaken during site investigations for Near Na Gaoithe Offshore Wind Farm Onshore Works, W of Torness power station, East Lothian. Two trial-pits were excavated in the vicinity of the East Coast Mainline, an area of archaeological sensitivity. The trial-pits revealed a series of beach deposits and glacial tills but no archaeology.
<b>PROPOSED FUTURE WORK:</b>	None
<b>CAPTION(S) FOR ILLUSTRS:</b>	None
<b>SPONSOR OR FUNDING BODY:</b>	Mainstream Renewable Power Ltd
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	CFA Archaeology Ltd, Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ.
<b>EMAIL ADDRESS:</b>	cfa@cfa-archaeology.co.uk
<b>ARCHIVE LOCATION (intended/deposited)</b>	Archive to be deposited in RCAHMS, Reports lodged with East Lothian SMR and RCAHMS



Key

- Access Corridor for Geotechnical Investigation
- Borehole (BH)
- Trial Pit (TP)
- OS MasterMap**
  - Natural Environment
  - Landform
  - Inland Water
  - Rail
  - Road Or Track
  - Roadside
  - Multiple Surfaces
  - Building
  - Structure
  - General Surface

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Fig. No:	1	Revision	A
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Title  
Location of trial-pits

Project  
Near Na Gaoithe Offshore Wind Farm  
Onshore Works, Site investigation in the vicinity of East Coast Mainline Railway  
Archaeological Watching Brief

Scale at A3  
Main plan, 1:4000

Client  
Mainstream Renewable Power Ltd

Drawn by:	Checked by:	Report No:
TB	MJ	3131

Coordinates

Name	Northing	Easting
BH1 - ECML	674839	373524
TP1 - ECML	674809	373482
TP2 - ECML	674831	373518

Map Details

Reference Scale for Main Map: 1:2000  
Created By: DD  
Date: 20 February 2014  
File Ref: H:\MRP\Data\NinGi\Project\_Working\20140207 RC ECML\_Geotech\Geotech.mxd  
Dimensions in Inset are in metres

Credits

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Ordnance Survey 0100031673

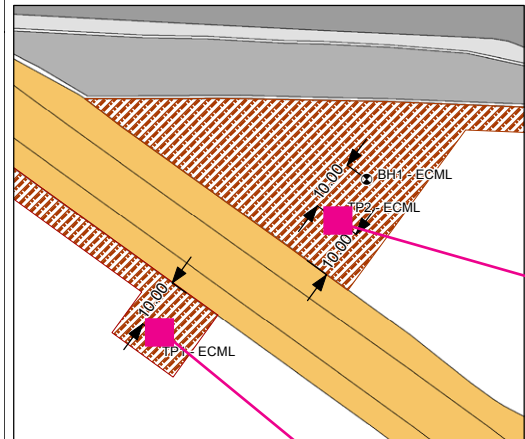
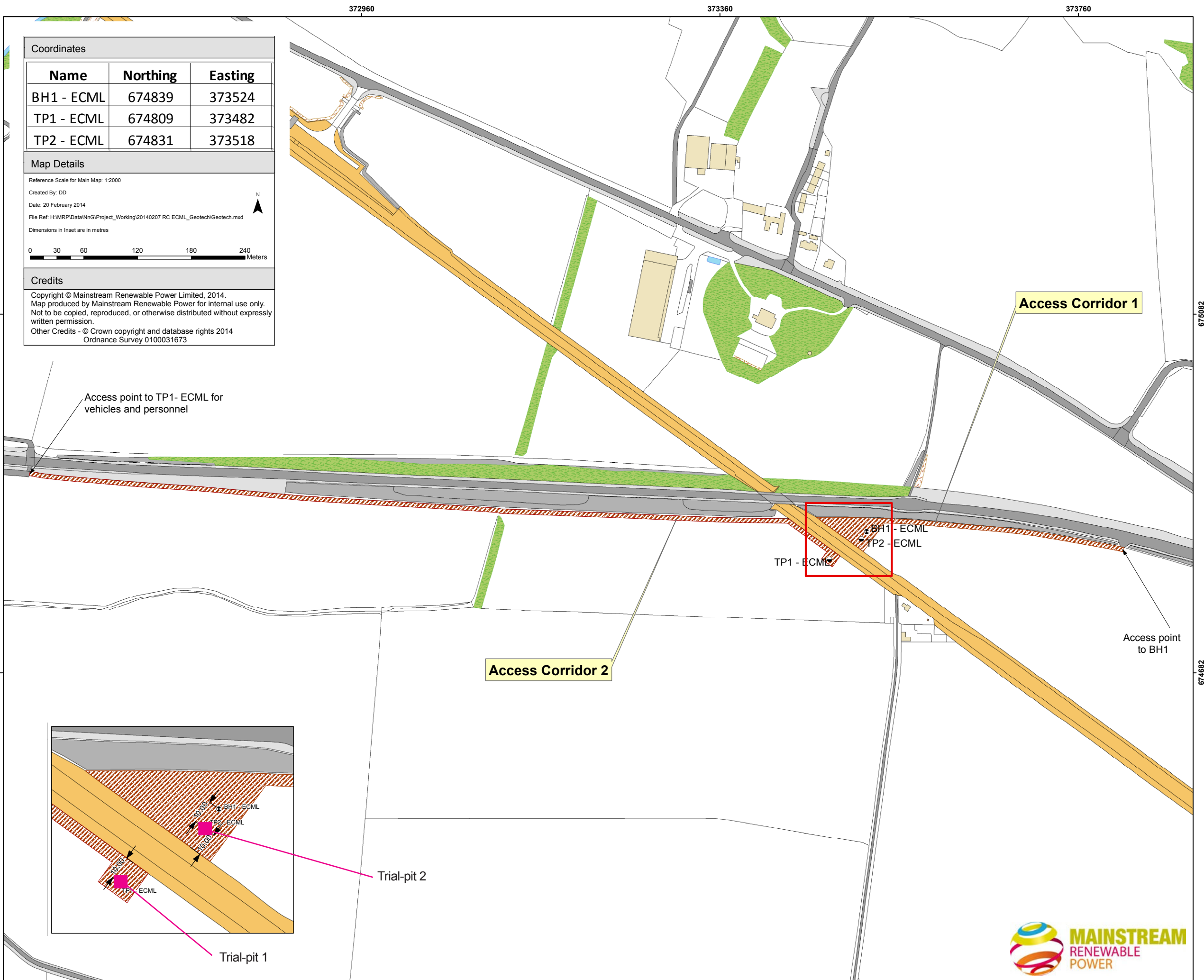








Fig. 2 - Trial Pit 1 after excavation showing beach deposits below topsoil (002)



Fig. 3 - Trial Pit 2, glacial till deposits (005, 006) below beach deposits (003 and 002)

Fig. No: <b>2-3</b>		Revision: <b>A</b>	Project: Neart Na Gaoithe Offshore Wind Farm Onshore Works, Site investigation in the vicinity of East Coast Mainline Railway Archaeological Watching Brief			<b>CFA ARCHAEOLOGY LTD</b> The Old Engine House Eskmills Park, Musselburgh East Lothian, EH21 7PQ  T: 0131 273 4380 F: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk
Drawn by: <b>TB</b>	Checked: <b>MJ</b>	Report No: <b>3131</b>	Client: <b>Mainstream Renewable Power Ltd</b>			

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