

Trial trench evaluation at Kirkby Road, Desford Leicestershire January 2015

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Report number: NA 15/17 ACC Number: X.A.8.2015





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Quality control and sign off:

Issue No.	Date approved:	Checked by	Verified by:	Approved by	Reason for Issue:
1	04/02/15	PC	AY	AC	Draft for client review

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Illustrator: James Ladocha Report number: NA 15/17

ACC Number: X.A.8.2015

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OASIS REPORT FORM

PROJECT DETAILS	Oasis No. molanort1-20	2456		
Project title	Trial trench evaluation at	Kirkby Road, Desford		
Short description		of eleven trenches each 50m long targeting lies were excavated. The trenches revealed were all undated.		
Project type	Evaluation			
Site Status	-			
Previous work	Geophysical survey (Lyal	I 2014)		
Current land use	Arable land	,		
Future work	Unknown			
Monument type and period	None			
Significant finds	None			
PROJECT LOCATION				
County	Leicestershire			
Site address	Kirkby Road, Desford			
Post code	LE9 9JG			
OS eastings and northings	SK 472 028			
Area (sq m/ha)	4.6ha			
Height aOD	130-131m AoD			
PROJECT CREATORS				
Organisation	MOLA Northampton			
Project brief originator	Teresa Hawtin, Leicester	shire County Council		
Project Design originator	MOLA Northampton			
Director/Supervisor	Sam Egan (MOLA)			
Project Managers	Adam Yates (MOLA) Alex	kandra Thornton CgMs		
Sponsor or funding body	CgMs Consulting Ltd			
PROJECT DATE				
Start date	26 January 2015			
End date	28 January 2015			
ARCHIVES	Location	Contents		
	(Accession no.)			
Physical	MOLA Northampton	Site records		
Paper	store	Survey data, report, photographs		
Digital	X.A.8.2015			
BIBLIOGRAPHY	Journal/monograph, published or forthcoming, or unpublished client report (MOLA report)			
Title	Trial trench evaluation at Kirkby Road, Desford, Leicestershire, January 2015			
Serial title & volume	15/17			
Author(s)	Samuel Egan			
Page numbers	15			
Date	January 2015			

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Trial trench evaluation at Kirkby Road, Desford Leicestershire January 2015

Abstract

MOLA was commissioned by CgMs Consulting Ltd to undertake an archaeological trial trench evaluation at Kirkby Road, Desford. The survey area lies in an area of low archaeological potential with scant archaeological remains found in the immediate vicinity. A geophysical survey indicated a few possible linear anomalies. The trial trench evaluation encountered four undated linear features, two of which could tentatively be related to former field boundaries.

1 INTRODUCTION

MOLA was commissioned by CgMs Consulting to undertake archaeological trial trench evaluation to inform a proposed planning application at Kirkby Road, Desford, Leicestershire (NGR SK 472 028; Fig 1). The works have been required in response to a forthcoming planning application for development of the land in line with *National Planning Policy Framework* (NPPF) (DCLG 2012). The work was undertaken in accordance with the WSI (Muldowney 2015) and Standard and Guidance for Archaeological Field Evaluation (ClfA 2014) which was monitored by Teresa Hawtin of Leicestershire County Council and by Alexandra Thornton on behalf of the client.

2 TOPOGRAPHY AND GEOLOGY

The survey area consists of four arable fields situated to the south-west of Desford town centre; Leicestershire (Fig 1). The area covers some *c*4.6ha. The site is bounded by Kirkby Road to the south-east, properties to the northeast and field boundaries and outlying fields to the south-west and north-west.

The recorded geology of the study site is Edwalton formation overlain by superficial deposits of sand and gravel from the Mid Pleistocene Glaciofuvial Deposits Formation. The overlying soils are recorded as Beccles 1 Association. (BGS 2015).

3 AIMS AND OBJECTIVES

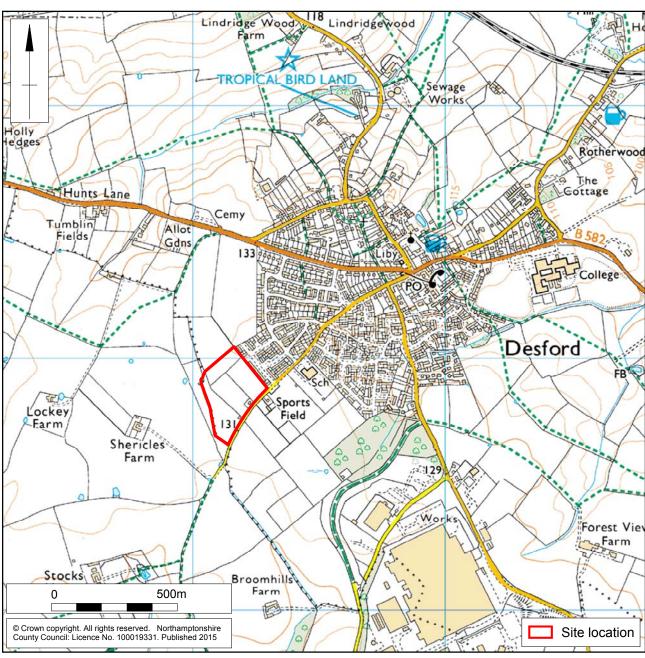
The purpose of the work was to determine and understand the nature, function and character of the archaeological site in its cultural and environmental setting.

The aims of the investigation were to:

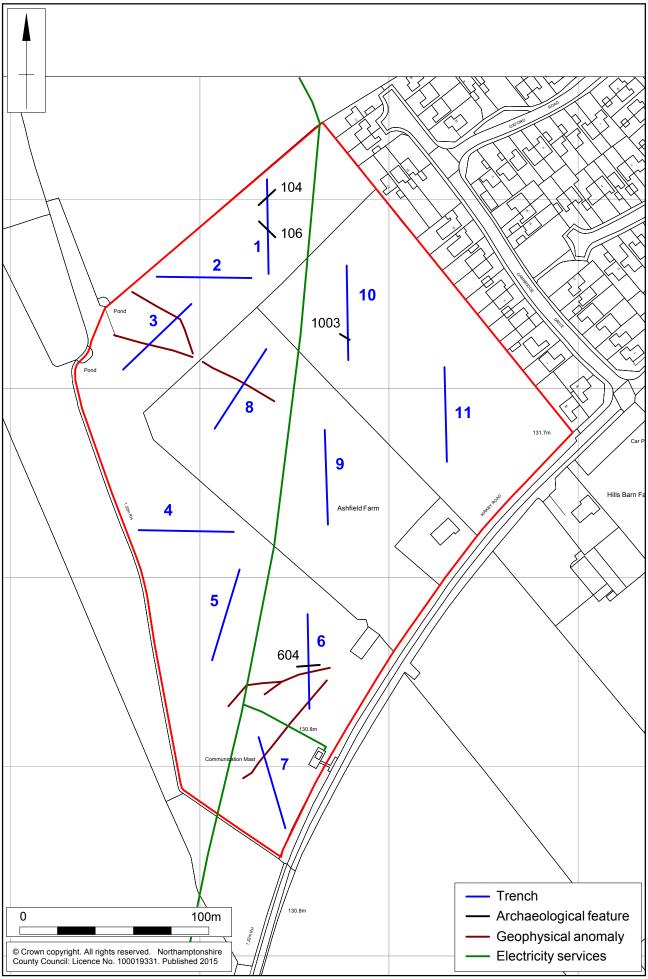
- Establish the date, nature and extent of the activity or occupation on the development site;
- Recover artefacts to assist in the development of type series within the region;
- Recover palaeo-environmental remains to determine past local environmental conditions.







Scale 1:15000 Site Location Fig 1



Scale 1: 2000 Excavated trenches Fig 2

4 HISTORICAL AND ARCHAEOLOGICAL BACKGROUND

The archaeological potential of the site has been assessed by Desk-Based Assessment (DBA) (Thornton 2014) and geophysical survey (Lyall 2014) the results of which are summarised below.

The DBA concluded that there are no know designated heritage assets in the development area. It concluded that the site had unknown potential for sites of the Iron Age period, with negligible potential for sites of all other periods. Prehistoric evidence for activity in the area is mostly in the form of find spots. These include Mesolithic and Neolithic tools from 570m to the south-east (MLE9264 and MLE9263), a Late Neolithic flint axe from Stocks House Farm 840m to the south-west (MLE8831) and early Bronze Age tools from 880m to the east (MLE9266). Cropmarks from a possible Iron Age enclosure are known at Shericles Farm 120m to the east of the site (MLE3032), which survived as an earthwork until the 1950s (MLE3032). An Iron Age/Roman site was excavated at Leicester Lane 820m to the east (MLE9267). Roman pottery was found 640m to the north-east of the site in the 1960s (MLE7927) and two Roman pottery kilns were unearthed during building works in the 1960s 760m to the north-east, although later trial trenching only found a few sherds of pottery (MLE2742).

A possible Saxon moot site is located at Shericles Farm 300m to the west (MLE3060), suggested by place-name evidence. Archaeological works at Shericles Farm (ELE4447) did not reveal any archaeological remains. The settlement of Desford 640m to the north-east is recorded in Domesday (1086AD), indicating Saxon origins (MLE2751), however, no Saxon archaeological remains are known.

Evidence for medieval activity in the vicinity all relate to the medieval settlement of Desford. Medieval features were found during trial Trenching on Main Street (MLE20694) and a medieval well, also on Main Street was found in the 1960s (MLE2743). The site itself was probably agricultural land in the medieval period.

Evidence for post-medieval activity comprises the enclosure of the site and its surroundings. Maps date from 1760 onwards show the site as agricultural land. Some development in the late 19th century comprised the construction an L-shaped building in the central field, later expanded upon between 1966-73 to form Ashfield Farm.

The geophysical survey revealed a small number of anomalies (Lyall 2014). There were four anomalies with archaeological potential, but they could also have a modern drainage function.

5 EVALUATION METHODOLOGY

The programme of evaluation was carried out in accordance with the Written Scheme of Investigation (WSI) prepared by MOLA (Muldowney 2015). This required the excavation of eleven trenches, planned to investigate the potential impact of the proposed development on any archaeological remains within the development area.

The trenches were set out using differential GPS (Leica Viva) operating to an accuracy of +/- 0.05m. All trenches were excavated using a 14T 360 tracked machine, fitted with a 2.0m wide toothless ditching bucket, operated under constant archaeological supervision. All trenches were 50m long, trenches targeted various geophysical anomalies and examined 'blank' areas.

The excavation and recording were carried out in accordance with MOLA guidelines and all records were created using MOLA pro-forma sheets (MOLA 2014). Photographs were taken of all trenches and all relevant deposits on 35mm monochrome print film and high resolution digital images. Work was carried out in accordance with the Institute for Archaeologists' Standard and guidance for archaeological field evaluation (CIfA 2014). The trenches were excavated to the top of the natural geological horizon. Levels in metres above Ordnance Datum were established for all trenches using GPS and for all excavated features using a dumpy level from temporary bench marks (TBMs) established using GPS. All records and materials will be compiled in a structured archive in accordance with the guidelines of Appendix 3 in the English Heritage procedural document, Management of Archaeological Projects 2 (EH 1991).

6 THE EXCAVATED EVIDENCE

The natural geology across the site was firm, light yellow orange sandy silt with frequent small and medium sub-rounded and sub-angular pebbles poorly sorted. Natural was found at depths between 0.31m- 0.42m. The natural was overlain by subsoil a firm, mid brownish grey silty sand with rare small and medium sub-rounded pebbles, poorly sorted and was between 0.09m-0.14m thick. The topsoil was firm, dark greyish brown silty sand with rare rub-rounded and sub angular pebbles (Fig 3). Full context descriptions can be found in the appendix.



Sample section, Trench 1 looking west Fig 3

Landscaping in the 1980s had disturbed the geology in the northern field; this was observed in Trenches 1, 2 and 3. The aforementioned process consisted of the movement and subsequent ploughing of soils into the natural geological horizon. This has caused the natural substrate to have a marbling effect consisting of disturbed natural and topsoil.



Trench 3 post excavation, looking east Fig 4

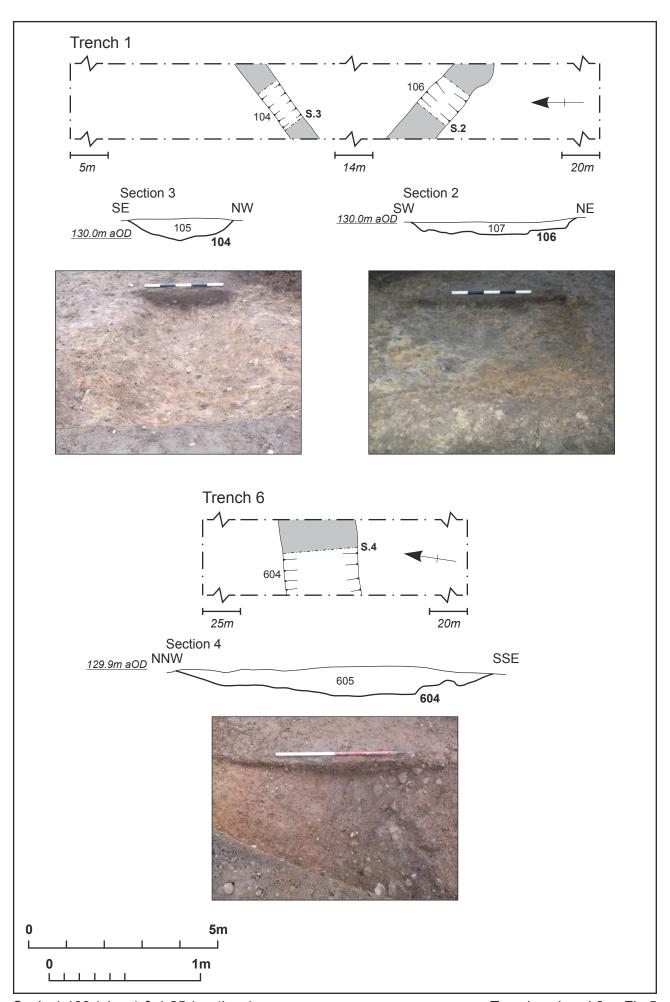
There were possible archaeological features in Trenches 1, 6 and 10; all of the features were undated. The remaining trenches contained no archaeology.

Trench 1 was located in the northern area of the site and contained two ditches, [104] and [106]. Ditch [104] (Figs 2 and 5, Section 3) was aligned north-east to south-west, it had moderately sloping sides and an irregular base, 0.6m wide by 0.12m deep. Its fill (105) comprised, friable mid grey-brown silty sand with occasional small subrounded pebbles. Ditch [106] was aligned north-west to south-east with moderately sloping sides and an irregular base, 1m wide by 0.08m deep (Fig 2 and 5, section 2). Its fill (107), comprised friable mid grey-brown silty sand with frequent sub-rounded pebbles. The features yielded no finds.

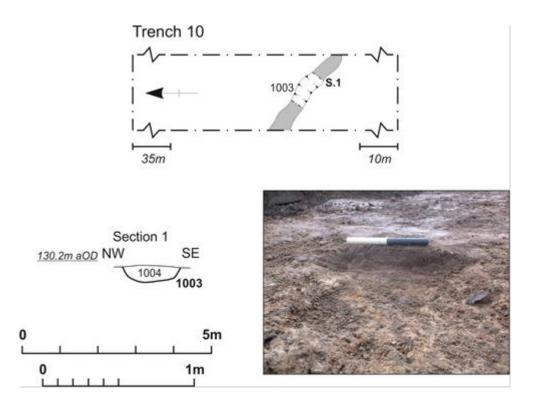
Trench 6 was situated in the southern area of the site; it targeted two linear anomalies which were identified in a previous geophysical survey (Lyall 2014). The trench revealed only one of these anomalies, ditch [604]. It was aligned east to south, with shallow sloping sides and an irregular base, 2m wide by 0.18m deep (Fig 2 and 5, section 4). Its fill (605) was friable, mid greyish brown sandy silt with frequent small sub-rounded pebbles. No finds were retrieved from the feature.

Trench 10 was located in the Northern area of the site, it contained one possible gully [1003], aligned north to south, it had a U-shaped profile with a flat base, 0.38m wide

and 0.1m deep (Fig 2 and 6, section 1). The fill (1004) was friable, light grey-brown silty sand with occasional small sub-rounded pebbles. The feature contained no finds.



Scale 1:100 (plans) & 1:25 (sections)



Scale 1:100 plan & 1:25 section

Plan and section of Trench 10 Fig 6

7 CONCLUSION

Features were found in Trenches 1, 6 and 10; three of the features were ditches and one was a shallow gully; none of the features contained any artefacts. The possible gully in Trench 10 corresponded to previous geophysical data. Two of the features, [104] and [1003] are aligned roughly parallel to current field boundaries, it could be tentatively postulated that these features relate to former field boundaries although the profile of the features were generally shallow and somewhat irregular, suggesting that they may be natural in origin.

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MOLA 15 April 2015

APPENDIX: CONTEXT INVENTORY

Trench No	Length, width & alignment 50m x 2m,	NGR 447135.48 303010.58	Surface height (aOD)	Depth & height of natural (aOD) 0.46m deep
	N-S		130.83m	130.37m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
101	Topsoil	Firm, dark grey- brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.37m thick	-
102	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.09m thick	-
103	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.46m +	-
104	Ditch	Linear in plan, oriented NW-SE with shallow sides and irregular base.	2m+ long 0.70m wide 0.15m deep	-
105	Fill of [104]	Friable, mid grey-brown, silty sand with frequent poorly sorted small and medium sub-rounded pebbles.	2m+ long 0.70m wide 0.15m deep	-
106	Ditch	Linear in plan, oriented NW-SE with shallow sides and an irregular base.	2m+ long 1.15m wide 0.08m deep	-
107	Fill of [106]	Friable, mid grey-brown silty sand with frequent small and medium sub-rounded pebbles.	2m+ long 1.15m wide 0.08m deep	-

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
2	50m x 2m, E-W	447077.16 302959.03	W end- 130.69m	0.35m deep 130.34m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
201	Topsoil	Firm, dark greyish brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.35m thick	-
202	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.35m +	

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
3	50m x 2m, SW-NE	447059.42 302910.01	SW end- 130.56m	0.55m deep 130.01m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
301	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.55m thick	-
302	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.55m +	_

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
4	50rm x 2m, NW-SE	447067.72 302825.12	NW end- 130.84m	0.44m deep 130.40m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
401	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.30m thick	-
402	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.14m thick	-
403	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.44m+	

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
5	50m x 2m, SW-NE	447106.46 302756.30	SW end- 130.43m	0.49m deep 129.97m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
501	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.41m thick	-
502	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.08m thick	-
503	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.49m +	

Trench No	Length, width & alignment 50m x 2m,	NGR 447156.94 302780.65	Surface height (aOD)	Depth & height of natural (aOD)
	N-S		130.67m	130.02m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
601	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.42m thick	-
602	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.14m thick	-
603	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.56m+	-
604	Ditch	Linear in plan, oriented SW-NE with shallow sides and an irregular concave base.	2m+ long 2.25m wide 0.20m deep	-
605	Fill of [604]	Friable, mid grey-brown sandy silt with frequent small to large sub-rounded and sub-angular pebbles, poorly sorted.	2m+ long 2.25m wide 0.20m deep	-

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
7	50m x 2m, NNW-SSE	447131.08 302715.65	NNW end- 130.29m	0.44m deep 129.85m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
701	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.30m thick	-
702	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.14m thick	-
703	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.44m+	

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
8	50m x 2m, NE-SW	447135.15 302920.79	NE end- 130.64m	0.49m deep 130.15 aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
801	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.40m thick	-
802	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.09m thick	-
803	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.49m+	

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
9	50m x 2m, N-S	447166.00 302878.07	N end- 130.87m	0.45m deep 130.42m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
901	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.36m thick	-
902	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.09m thick	-
903	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.45m+	

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
10	50m x 2m, N-S	467590.680 294626.242	N end- 130.65m	0.43m deep 131.13m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
1001	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.42m thick	-
1002	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.43m+	-
1003	Gully	Curvilinear in plan, aligned NE-SW with steep sides and a flat base.	2m+ long 0.38m wide 0.10m deep	-
1004	Fill of [1003]	Friable, light greyish brown, silty sand with occasional small subangular and sub-rounded pebbles.	2m+ long 0.38m wide 0.10m deep	-

Trench No	Length, width & alignment	NGR	Surface height (aOD)	Depth & height of natural (aOD)
11	50m x 2m, N-S	447229.37 302911.22	N end- 131.01m	0.51m deep 131.52m aOD
Context	Context type	Description	Dimensions	Artefacts/ Samples
1101	Topsoil	Firm, dark grey-brown, silty sand with rare sub-angular and sub-rounded pebbles poorly sorted.	0.30m thick	-
1102	Subsoil	Firm, mid brown-grey silty sand with rare small and medium subrounded pebbles, poorly sorted.	0.21m thick	-
1103	Natural	Light yellow with orange mottling, sand and silt patches. Small and medium sub-rounded pebble inclusions poorly sorted.	0.51m+	







